

# Modular Terminal Blocks

## Catalogue 2012/2013

Connectivity

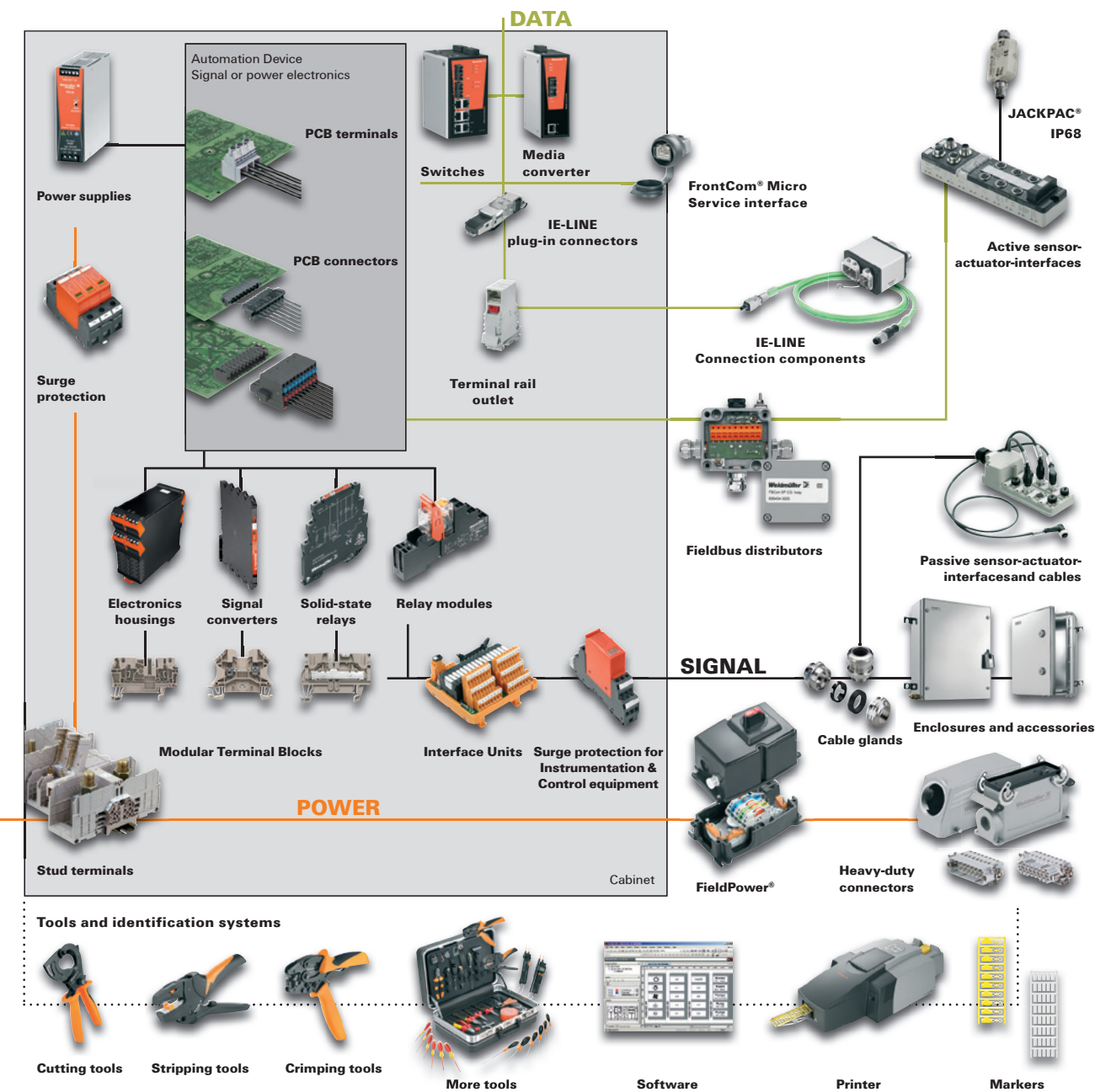


**Weidmüller** 

# Product Portfolio

Weidmüller is a leading international provider of solutions for electrical connectivity, transmission and conditioning of power, signal and data in industrial environments. The company with headquarters in Detmold/Germany develops, produces and sells products in the field of electrical connectivity and electronics worldwide.

[www.power-signal-data.com](http://www.power-signal-data.com)





# Modular Terminal Blocks

## Catalogue 1

### Modular Terminal Blocks

Overview

Terminals, P-Series (PUSH IN technology)

Terminals, Z-Series (Tension clamp technology)

Terminals, W-Series, Stud terminals, SAK-Series (Screw connection technology)

Shield connection terminals KLBÜ

Accessories

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Weidmüller Solutions & Service

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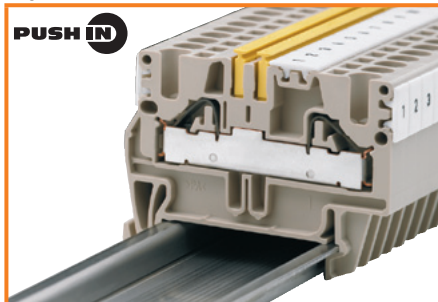
V

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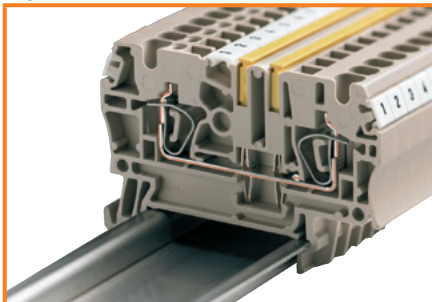
X

# Modular Terminal Blocks

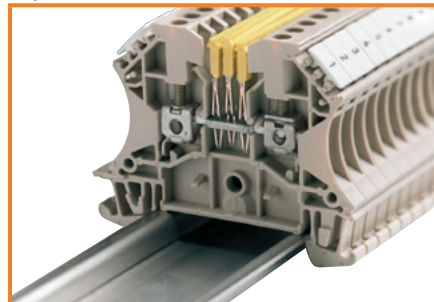
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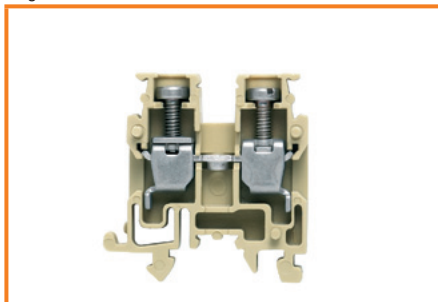
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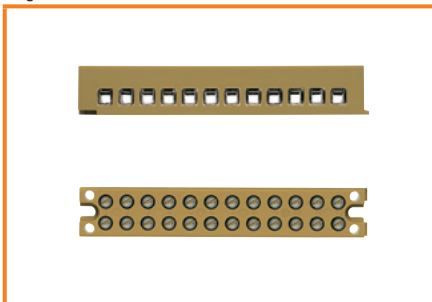
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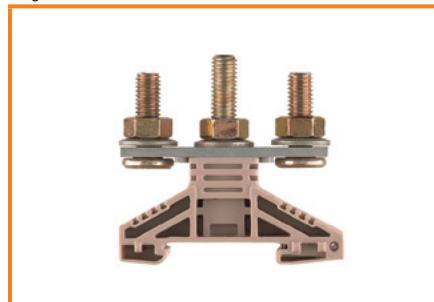
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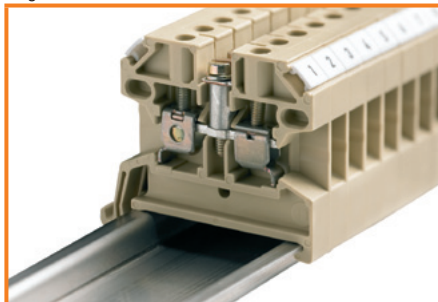
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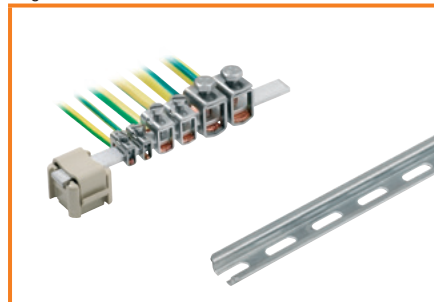
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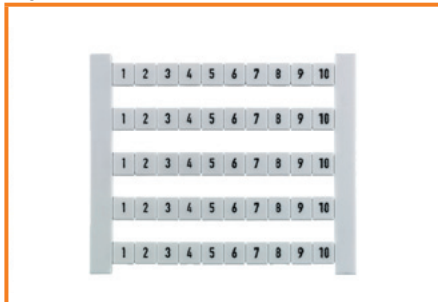
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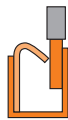




# Modular Terminal Blocks

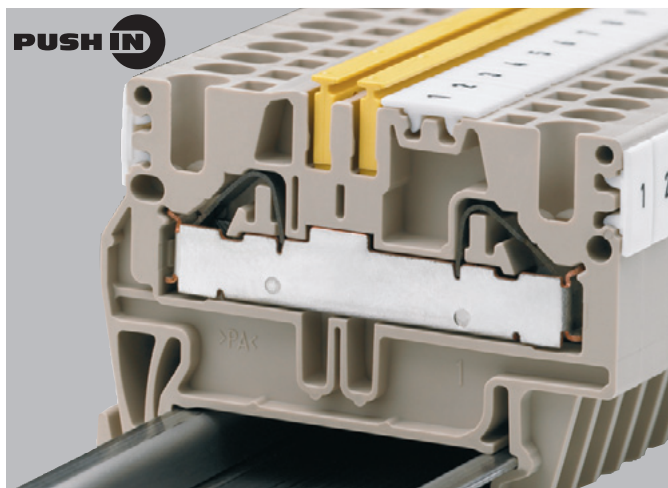
|                         |          |     |
|-------------------------|----------|-----|
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# Always the optimum connection for your application



## PUSH IN technology / P-Series

PUSH IN technology offers outstanding benefits. Firstly, it's easy to handle and is being widely used in building automation projects around the world. Secondly it provides galvanic isolation, giving excellent electrical rating and thirdly it provides pull-out, shock and vibration resistance.



### Time-saving connections

PUSH IN technology reduces installation times to a minimum.

### Effective product range

Good performance data in a compact connection. The P-Series is ideal for reducing the number of variations.

### 100 % reliability

Simply push a stripped solid conductor or a conductor fitted with a wire end ferrule into the clamping point – and that's it, finished! All materials have been tested according to the latest environmental standards and to ensure RoHS conformity.

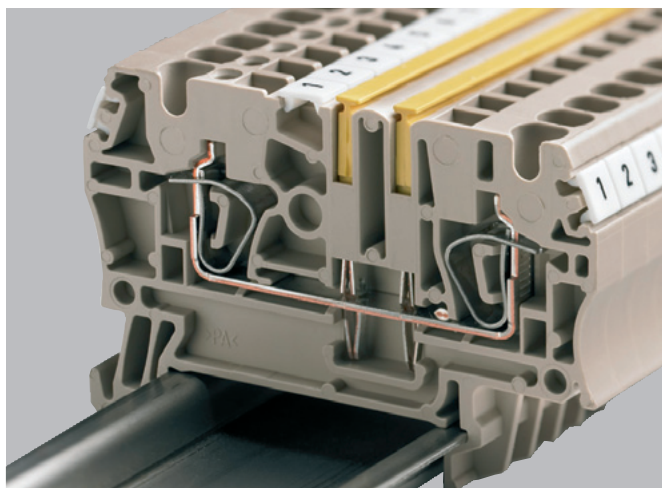
### Applications

Wherever solid conductors or conductors fitted with wire end ferrules are needed, Weidmüller PUSH IN technology offers a decisive handling advantage. In machinery and building installations alike.



## Tension clamp connection / Z-Series

For a maintenance free, vibration-resistant connection. The stainless steel tension clamp is the alternative to screw connection for cross-sections up to 35 mm<sup>2</sup>.



### Comprehensive product range

Available in Standard and Roof-Style versions for connecting cross-sections from 0.05 to 35 mm<sup>2</sup>.

### Good contact stability – permanently

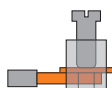
The no-maintenance, vibration-resistant tension clamp connection guarantees a gas-tight contact point and high contact forces.

### Diverse cross-connection options

The ZQV plug-in standard cross-connection enables many different options. For feeding, distributing and skipping potentials.

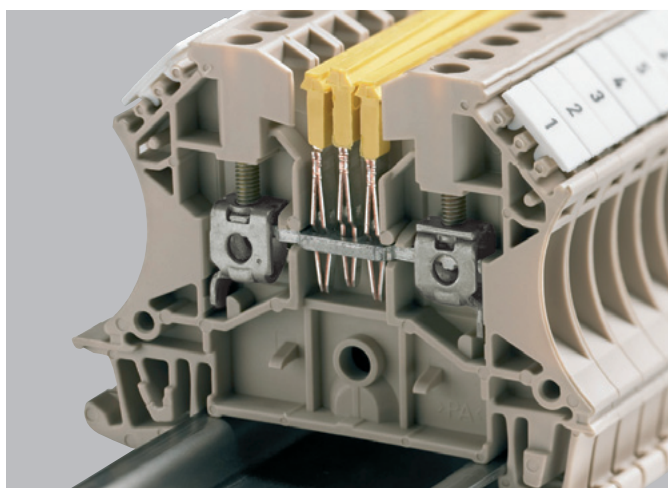
### Applications

Wherever an alternative to screw connection is required and where fast wiring times and vibration-resistant contacts are a must, the Weidmüller Z-Series is unbeatable. Whether in machinery, in the automotive industry, in railway engineering or shipbuilding.



## Screw connection / W-Series

The simple handling plus the separation of electrical and mechanical functions make the Weidmüller clamping yoke the universal standard solution.



### Wide range of cross-sections

The diverse, yet comprehensive range of products, covers cross-sections from 0.05 to 300 mm<sup>2</sup>. That adds up to a complete product offering for safe or hazardous area applications.

### Good contact stability – permanently

The maintenance free, vibration-resistant screw clamp guarantees a good contact force and a stable, secure connection.

### Only the best materials

Hardened steel is used for strength in the clamping yoke, whilst tin plated copper ensures superior conductivity. All materials have been tested according to the latest environmental standards and to ensure RoHS compliance.

### Applications

Wherever stable connections and secure contacts are essential, the Weidmüller W-Series is the right answer. In power generation and measurement, in process engineering and in switchgear installations.



# Terminals, P-Series

|                            |                                                                    |      |
|----------------------------|--------------------------------------------------------------------|------|
| <b>Terminals, P-Series</b> | Overview P-Series                                                  | B.2  |
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# Terminal blocks with PUSH IN wire connection



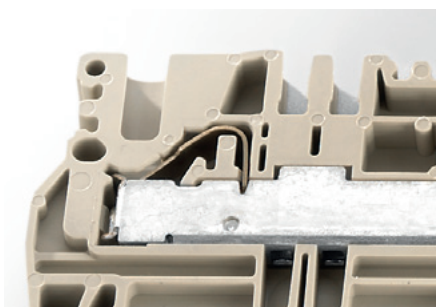
## Wiring is quick and safe

Increase your efficiency. The PUSH IN connection method and the associated reduction in the number of versions will help you.

Among the impressive features of the direct PUSH IN connection system are minimal wiring times and reliable, simple handling. Compared to the 3-conductor tension clamps, the direct PUSH IN system achieves time-savings of up to 50 % when connecting the conductor (3.5 seconds per conductor). The stripped solid conductor is simply pushed into the terminal as far as it will go – that's all there is to it. No tools are required, and the result is a reliable, vibration-resistant, gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems.

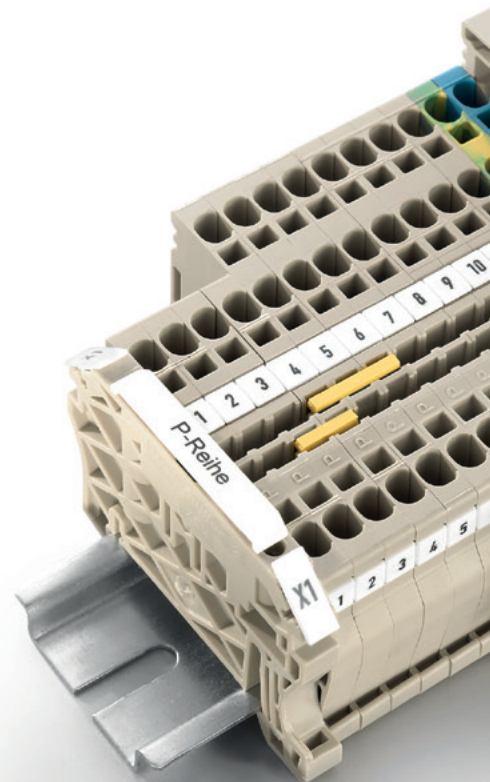
### Quick and safe

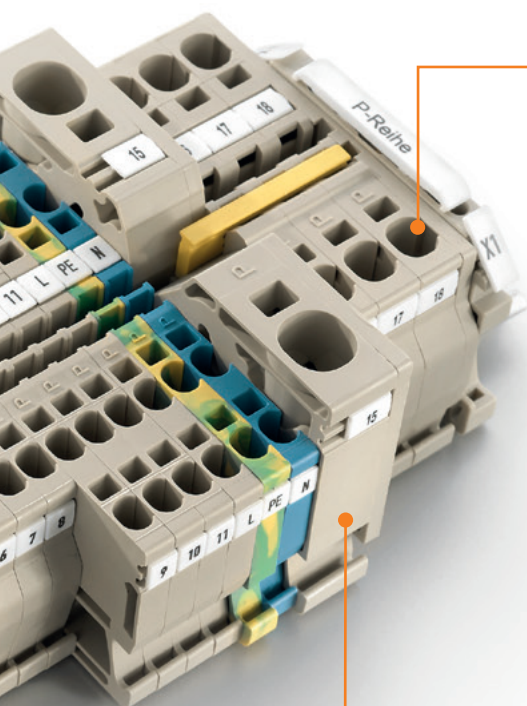
Wiring time is significantly reduced with the direct insertion technique for solid-core and flexible stranded wires with ferrules thanks to the PUSH IN connection method – considerably quicker to connect and no need for additional tools.



### Contact security

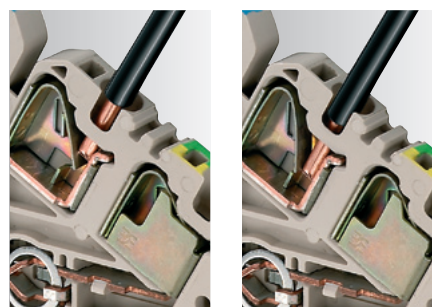
The long-term contact force between wire and busbar is ensured with a stainless steel spring. The busbar is made of copper with a tin alloy, this ensures a very low voltage drop.





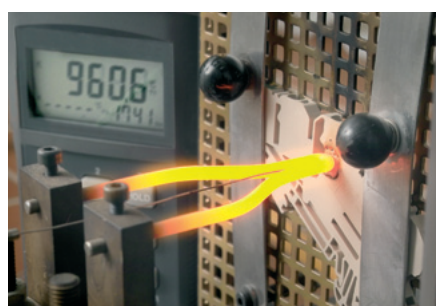
### Simple operation

The PUSH IN contact's spring movement is limited by the spring stop mechanism, improper use is prevented by the design of the terminals.



### Wemid insulating material

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability rating to UL94
- Halogen and phosphor free, flame-retardant





## Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| <b>Clamped conductors (H05V/H07V)</b>                |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| <b>Note</b>                                          |                 |

## Ordering data

| Version     |                  |
|-------------|------------------|
|             | Dark beige Wemid |
|             | Blue Wemid       |
| <b>Note</b> |                  |

## Accessories

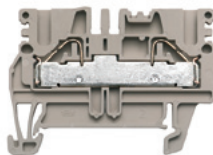
| Pluggable cross-connection         |                                               |
|------------------------------------|-----------------------------------------------|
|                                    | 2-pole                                        |
|                                    | 3-pole                                        |
|                                    | 4-pole                                        |
|                                    | 10-pole                                       |
|                                    | 20-/24-pole                                   |
| <b>End plate / Partition plate</b> | Dark beige Wemid                              |
| <b>End bracket</b>                 | Dark beige Wemid                              |
| <b>Test adapter</b>                | Standard                                      |
|                                    | With assembly peg                             |
| <b>Screwdriver</b>                 | Standard                                      |
| <b>Reducing sleeves</b>            | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                                    | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| <b>Cover</b>                       | With lightning flash symbol                   |

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Identification systems</b> | (see assortment in catalogue 7) |
|                               | Marking tags                    |
| <b>Note</b>                   |                                 |

## PDU 2.5/4

4 mm<sup>2</sup>

2 connections



|               |  |
|---------------|--|
| 5.1 x 53 x 39 |  |
| / 6           |  |
| 0.13...6      |  |

| IEC 60947-7-1     | Ex e II     | Ex          | II 2 G D   |
|-------------------|-------------|-------------|------------|
| IEC               | UL          | CSA         | EN 60079-7 |
| 800               | 600 (C)     | 600 (C)     | 550        |
| 32                | 30 (C)      | 30 (C)      | 29         |
| 4                 | AWG 26...10 | AWG 26...10 | 4          |
| 8 kV / 3          |             |             |            |
| A3 / V-0          |             |             |            |
|                   |             |             |            |
| Rated connection  |             |             |            |
| 0.5...6           |             |             |            |
| 0.5...4 / 0.5...4 |             |             |            |
| 0.5...2.5         |             |             |            |
| 12 / 3.0 x 0.5 mm |             |             |            |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PDU 2.5/4                                                                                                            | 100  | 1896110000 |
| PDU 2.5/4 BL                                                                                                         | 50   | 1896230000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

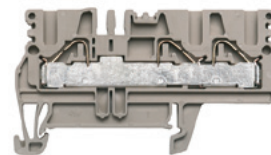
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20      | 24 A    | 20   | 1908960000 |
| Width           |         |      |            |
| PAP 2.5/4       | 2.5 mm  | 50   | 1896300000 |
| ZEW 35          | 6 mm    | 20   | 9540000000 |
| PTA PDU2.5/4    | 5.1 mm  | 25   | 1916180000 |
| PTA ZA PDU2.5/4 | 5.1 mm  | 25   | 1916190000 |
| SDS 0.5X3.0X80  |         | 1    | 9008320000 |
| PRH 2.5/4/1     | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2     | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4     | 5.1 mm  | 80   | 1916150000 |

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                                                     |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PDU 2.5/4 3AN

4 mm<sup>2</sup>

3 connections



|                 |  |
|-----------------|--|
| 5.1 x 67.5 x 39 |  |
| / 6             |  |
| 0.13...6        |  |

| IEC 60947-7-1     | Ex e II     | Ex          | II 2 G D   |
|-------------------|-------------|-------------|------------|
| IEC               | UL          | CSA         | EN 60079-7 |
| 800               | 600 (C)     | 600 (C)     | 550        |
| 32                | 30 (C)      | 30 (C)      | 29         |
| 4                 | AWG 26...10 | AWG 26...10 | 4          |
| 8 kV / 3          |             |             |            |
| A3 / V-0          |             |             |            |
|                   |             |             |            |
| Rated connection  |             |             |            |
| 0.5...6           |             |             |            |
| 0.5...4 / 0.5...4 |             |             |            |
| 0.5...2.5         |             |             |            |
| 12 / 3.0 x 0.5 mm |             |             |            |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PDU 2.5/4/3AN                                                                                                        | 100  | 1896120000 |
| PDU 2.5/4/3AN BL                                                                                                     | 50   | 1896240000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

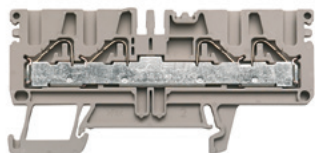
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20      | 24 A    | 20   | 1908960000 |
| Width           |         |      |            |
| PAP 2.5/4/4AN   | 2.5 mm  | 50   | 1896320000 |
| ZEW 35          | 6 mm    | 20   | 9540000000 |
| PTA PDU2.5/4    | 5.1 mm  | 25   | 1916180000 |
| PTA ZA PDU2.5/4 | 5.1 mm  | 25   | 1916190000 |
| SDS 0.5X3.0X80  |         | 1    | 9008320000 |
| PRH 2.5/4/1     | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2     | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4     | 5.1 mm  | 80   | 1916150000 |

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                                                     |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

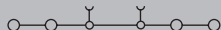
## PDU 2.5/4 4AN

4 mm<sup>2</sup>

4 connections



5.1 x 78.5 x 39  
/ 6  
0.13...6



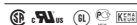
IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 32  | 30 (C)      | 30 (C)      | 27         |
| 4   | AWG 26...10 | AWG 26...10 | 4          |

8 kV / 3

A3 / V-0



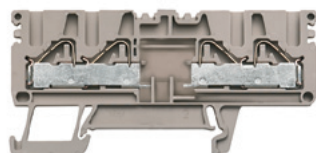
## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

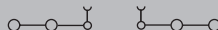
## PDU 2.5/4 2x2

4 mm<sup>2</sup>

2 x 2 connections



5.1 x 78 x 39  
/ 6  
0.13...6



IEC 60947-7-1

| IEC | UL | CSA |
|-----|----|-----|
| 800 |    |     |
| 32  |    |     |
| 4   |    |     |

8 kV / 3

A3 / V-0



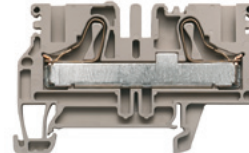
## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

## PDU 6/10

10 mm<sup>2</sup>

2 connections



8.1 x 64.5 x 41.5  
57 / 10  
1.5...10



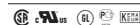
IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 800 | 600 (C)    | 600 (C)    | 550        |
| 57  | 44 (C)     | 46 (C)     | 37         |
| 10  | AWG 14...8 | AWG 14...8 | 10         |

8 kV / 3

A4 / V-0



## Rated connection

1.5...6  
1.5...10 / 1.5...10  
14 / 0.6 x 3.5 mm

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| PDU 2.5/4/4AN    | 100  | 1896130000 |
| PDU 2.5/4/4AN BL | 50   | 1896250000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| PDU 2.5/4/2X2AN | 50   | 1022220000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| PDU 6/10    | 50   | 1896140000 |
| PDU 6/10 BL | 25   | 1896270000 |

For 10 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20      | 24 A    | 20   | 1908960000 |
| Width           |         |      |            |
| PAP 2.5/4/4AN   | 2.5 mm  | 50   | 1896320000 |
| ZEW 35          | 6 mm    | 20   | 9540000000 |
| PTA PDU2.5/4    | 5.1 mm  | 25   | 1916180000 |
| PTA ZA PDU2.5/4 | 5.1 mm  | 25   | 1916190000 |
| SDS 0.5X3.0X80  |         | 1    | 9008320000 |
| PRH 2.5/4/1     | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2     | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4     | 5.1 mm  | 80   | 1916150000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| PAP 2.5/4/4AN   | 2.5 mm  | 50   | 1896320000 |
| ZEW 35          | 6 mm    | 20   | 9540000000 |
| PTA PDU2.5/4    | 5.1 mm  | 25   | 1916180000 |
| PTA ZA PDU2.5/4 | 5.1 mm  | 25   | 1916190000 |
| SDS 0.5X3.0X80  |         | 1    | 9008320000 |
| PRH 2.5/4/1     | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2     | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4     | 5.1 mm  | 80   | 1916150000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 6N/2       | 60      |      | 1906210000 |
| ZQV 6N/3       | 60      |      | 1906220000 |
| ZQV 6N/4       | 60      |      | 1906230000 |
| ZQV 6N/20      | 20      |      | 1906240000 |
| Width          |         |      |            |
| PAP PDU6/10    | 2.5 mm  | 20   | 1896330000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PAD 6/10/4     | 5.3 mm  | 80   | 1916160000 |

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

WS 10/8

## Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |

## Note

## Accessories

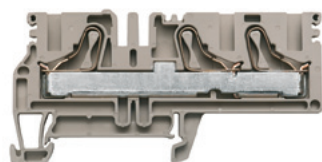
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## PDU 6/10 3AN

10 mm<sup>2</sup>

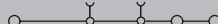
3 connections



8.1 x 82.5 x 41.5

57 / 10

1.5...10



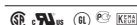
IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 800      | 600 (C)    | 600 (C)    | 550        |
| 57       | 44 (C)     | 46 (C)     | 37         |
| 10       | AWG 14...8 | AWG 14...8 | 10         |
| 8 kV / 3 |            |            |            |
| A4 / V-0 |            |            |            |



## Rated connection

1.5...6

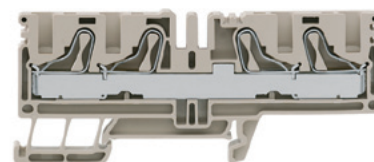
1.5...10 / 1.5...10

14 / 0.6 x 3.5 mm

## PDU 6/10 4AN

10 mm<sup>2</sup>

NEW



8.1 x 97 x 41.5

57 / 10

1.5...10



IEC 60947-7-1

| IEC      | UL         | CSA |
|----------|------------|-----|
| 800      | 600 (C)    |     |
| 57       | 47 (C)     |     |
| 10       | AWG 14...8 |     |
| 8 kV / 3 |            |     |
| A4 / V-0 |            |     |



## Rated connection

1.5...6

1.5...10 / 1.5...10

14 / 0.6 x 3.5 mm

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| PDU 6/10/3AN    | 50   | 1896150000 |
| PDU 6/10/3AN BL | 50   | 1896280000 |

For 10 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 6N/2        |         | 60   | 1906210000 |
| ZQV 6N/3        |         | 60   | 1906220000 |
| ZQV 6N/4        |         | 60   | 1906230000 |
| ZQV 6N/20       |         | 20   | 1906240000 |
| Width           |         |      |            |
| PAP PDU6/10/3AN | 2.5 mm  | 20   | 1896340000 |
| ZEW 35          | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80  |         | 1    | 9008320000 |
| PAD 6/10/4      | 5.3 mm  | 80   | 1916160000 |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| PDU 6/10/4AN    | 50   | 1083040000 |
| PDU 6/10 4AN BL | 25   | 1165130000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 6N/2       |         | 60   | 1906210000 |
| ZQV 6N/3       |         | 60   | 1906220000 |
| ZQV 6N/4       |         | 60   | 1906230000 |
| ZQV 6N/20      |         | 20   | 1906240000 |
| Width          |         |      |            |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PAD 6/10/4     | 5.3 mm  | 80   | 1916160000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

WS 10/8

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

WS 10/8



## Double-level terminals

B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

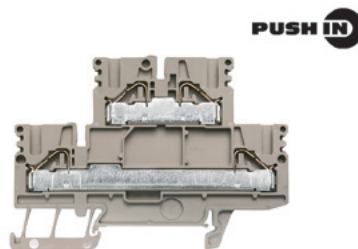
## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

## PDK 2.5/4

2.5 mm<sup>2</sup>

## Double-level terminal



5.1 x 82.5 x 58.5  
28 / 6  
0.13...6



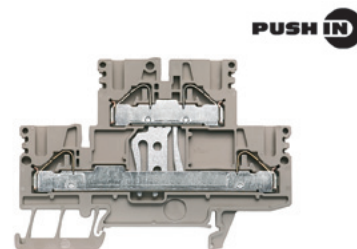
IEC 60947-7-1

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 800               | 600 (C)     | 600 (C)     |
| 24                | 30 (C)      | 30 (C)      |
| 2.5               | AWG 26...10 | AWG 26...10 |
| 8 kV / 3          |             |             |
| A3 / V-0          |             |             |
|                   |             |             |
| Rated connection  |             |             |
| 0.5...6           |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...2.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

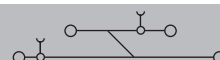
## PDK 2.5/4 V

2.5 mm<sup>2</sup>

## Vertical cross-connected double-level terminal



5.1 x 82.5 x 58.5  
28 / 6  
0.13...6



IEC 60947-7-1

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 800               | 600 (C)     | 600 (C)     |
| 24                | 30 (C)      | 30 (C)      |
| 2.5               | AWG 26...10 | AWG 26...10 |
| 8 kV / 3          |             |             |
| A3 / V-0          |             |             |
|                   |             |             |
| Rated connection  |             |             |
| 0.5...6           |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...2.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PDK 2.5/4                                                                                                            | 50   | 1918770000 |
| PDK 2.5/4 BL                                                                                                         | 50   | 1918760000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5/2      | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3      | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4      | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10     | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20     | 24 A    | 20   | 1908960000 |
| Width          |         |      |            |
| PAP PDK 2.5/4  | 2.5 mm  | 20   | 1919720000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PRH 2.5/4/1    | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    | 5.1 mm  | 80   | 1916150000 |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PDK 2.5/4V                                                                                                           | 50   | 1918730000 |
| PDK 2.5/4V BL                                                                                                        | 50   | 1918680000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

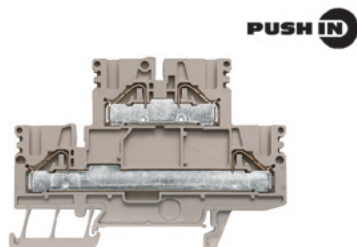
| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5/2      | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3      | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4      | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10     | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20     | 24 A    | 20   | 1908960000 |
| Width          |         |      |            |
| PAP PDK 2.5/4  | 2.5 mm  | 20   | 1919720000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PRH 2.5/4/1    | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    | 5.1 mm  | 80   | 1916150000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

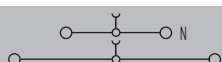
|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / SNAPMARK I(1805880000)                                                                      |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / SNAPMARK I(1805880000)                                                                      |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PDK 2.5/4 N-L

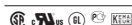
2.5 mm<sup>2</sup>

5.1 x 82.5 x 58.5  
28 / 6  
0.13...6



IEC 60947-7-1

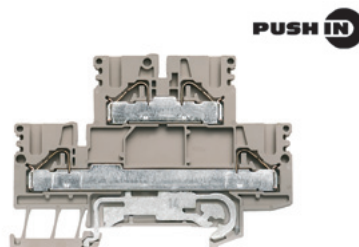
| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      | 600 (C)     | 600 (C)     |
| 24       | 30 (C)      | 30 (C)      |
| 2.5      | AWG 26...10 | AWG 26...10 |
| 8 kV / 3 |             |             |
| A3 / V-0 |             |             |



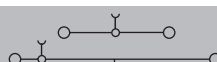
## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

## PDK 2.5/4 L-PE

2.5 mm<sup>2</sup>

5.1 x 82.5 x 58.5  
28 / 6  
0.13...6



IEC 60947-7-2

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      | 600 (C)     | 600 (C)     |
| 24       | 30 (C)      | 30 (C)      |
| 2.5      | AWG 26...10 | AWG 26...10 |
| 8 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 3.0 x 0.5 mm

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| PDK 2.5/4N-L | 50   | 1918740000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| PDK 2.5/4L-PE | 50   | 1918720000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5/2      | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3      | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4      | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10     | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20     | 24 A    | 20   | 1908960000 |
| Width          |         |      |            |
| PAP PDK 2.5/4  | 2.5 mm  | 20   | 1919720000 |
| ZEW 35         |         |      |            |
|                | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         |      |            |
|                |         | 1    | 9008320000 |
| PRH 2.5/4/1    |         |      |            |
|                | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    |         |      |            |
|                | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    |         |      |            |
|                | 5.1 mm  | 80   | 1916150000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5/2      | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3      | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4      | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10     | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20     | 24 A    | 20   | 1908960000 |
| Width          |         |      |            |
| PAP PDK 2.5/4  | 2.5 mm  | 20   | 1919720000 |
| ZEW 35         |         |      |            |
|                | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         |      |            |
|                |         | 1    | 9008320000 |
| PRH 2.5/4/1    |         |      |            |
|                | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    |         |      |            |
|                | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    |         |      |            |
|                | 5.1 mm  | 80   | 1916150000 |

DEK 5/5 / SNAPMARK I (1805880000)

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

DEK 5/5 / SNAPMARK I (1805880000)

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## Initiator and motor connection terminals

## B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version | Dark beige Wemid |
|---------|------------------|
| Note    |                  |

## Accessories

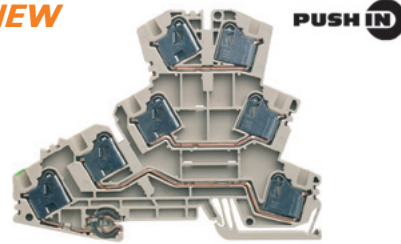
| Pluggable cross-connection                                                          |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
|                                                                                     | 10-pole          |
| End plate / Partition plate                                                         |                  |
|                                                                                     | Dark beige Wemid |
| End bracket                                                                         |                  |
|                                                                                     | Dark beige Wemid |
| Screwdriver                                                                         |                  |
|                                                                                     | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

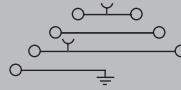
## PMAK 4

4 mm<sup>2</sup>

NEW



5.1 x 103.86 x 79.05  
/ 6  
0.5...6



IEC 60947-7-1 (-7-2)

| IEC               | UL          | CSA |
|-------------------|-------------|-----|
| 400               | 300 (C)     |     |
| 30                | 29 (C)      |     |
| 4                 | AWG 26...10 |     |
| 6 kV /            |             |     |
| A3 / V-0          |             |     |
| Rated connection  |             |     |
| 0.5...6           |             |     |
| 0.5...4 / 4...0.5 |             |     |
| 12 / 0.4 x 2.5 mm |             |     |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| PMAK 4 | 50   | 1221340000 |

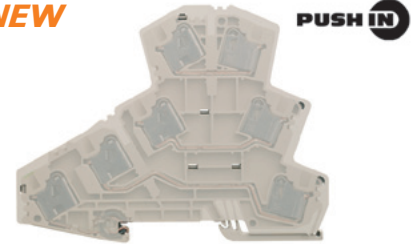
| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5/2      | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3      | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4      | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10     | 24 A    | 20   | 1608940000 |
| Width          |         |      |            |
| PAP PMAK 4     | 1 mm    | 20   | 1221360000 |
| Width          |         |      |            |
| ZEW 35/2       | 8 mm    | 20   | 8630740000 |
| Width          |         |      |            |
| SDS 0.4X2.5X75 |         | 1    | 9009030000 |

DEK 5/5

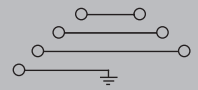
## PMAK 4 800 V

4 mm<sup>2</sup>

NEW



6.1 x 107.5 x 82.6  
/ 6  
0.5...6



IEC 60947-7-1 (-7-2)

| IEC               | UL          | CSA |
|-------------------|-------------|-----|
| 800               | 600 (C)     |     |
| 32                | 29 (C)      |     |
| 4                 | AWG 26...10 |     |
| 8 kV /            |             |     |
| A3 / V-0          |             |     |
| Rated connection  |             |     |
| 0.5...6           |             |     |
| 0.5...4 / 4...0.5 |             |     |
| 12 / 0.4 x 2.5 mm |             |     |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| PMAK 4 800V | 50   | 1221350000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
|                |         |      |            |
|                |         |      |            |
|                |         |      |            |
|                |         |      |            |
| Width          |         |      |            |
| ZEW 35/2       | 8 mm    | 20   | 8630740000 |
| Width          |         |      |            |
| SDS 0.4X2.5X75 |         | 1    | 9009030000 |

DEK 5/5



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

### Note

### Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

### Accessories

| End plate / Partition plate | Dark beige Wemid                                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------|
| End bracket                 | Dark beige Wemid                                                                               |
| Screwdriver                 | Standard                                                                                       |
| Reducing sleeves            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       | With lightning flash symbol                                                                    |

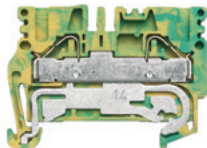


| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Note                   | Marking tags                    |

### PPE 2.5/4

4 mm<sup>2</sup>

2 connections



5.1 x 53 x 39  
/ 6  
0.13...6



IEC 60947-7-2

Ex e II II 2 G D

| IEC | UL                         | CSA         | EN 60079-7 |
|-----|----------------------------|-------------|------------|
| 4   | AWG 26...10                | AWG 26...10 | 4          |
| 800 |                            |             |            |
| 8   |                            |             |            |
|     | 480 A (4 mm <sup>2</sup> ) |             |            |
|     | 3                          |             |            |
|     | A3 / V-0                   |             |            |



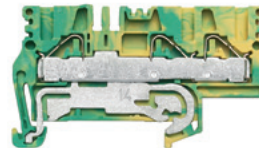
#### Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 0.5...2.5         |
| 12 / 3.0 x 0.5 mm |

### PPE 2.5/4 3AN

4 mm<sup>2</sup>

3 connections



5.1 x 67 x 39  
/ 6  
0.13...6



IEC 60947-7-2

Ex e II II 2 G D

| IEC | UL                         | CSA         | EN 60079-7 |
|-----|----------------------------|-------------|------------|
| 4   | AWG 26...10                | AWG 26...10 | 4          |
| 800 |                            |             |            |
| 8   |                            |             |            |
|     | 480 A (4 mm <sup>2</sup> ) |             |            |
|     | 3                          |             |            |
|     | A3 / V-0                   |             |            |



#### Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 0.5...2.5         |
| 12 / 3.0 x 0.5 mm |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PPE 2.5/4 | 50   | 1896170000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type           | Width   | Qty. | Order No.  |
|----------------|---------|------|------------|
| PAP 2.5/4      | 2.5 mm  | 50   | 1896300000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PRH 2.5/4/1    | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    | 5.1 mm  | 80   | 1916150000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| PPE 2.5/4/3AN | 50   | 1896200000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type           | Width   | Qty. | Order No.  |
|----------------|---------|------|------------|
| PAP 2.5/4/3AN  | 2.5 mm  | 50   | 1896480000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PRH 2.5/4/1    | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    | 5.1 mm  | 80   | 1916150000 |

| DEK 5/5 / WS 10/5                                                                                     |
|-------------------------------------------------------------------------------------------------------|
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

| DEK 5/5 / WS 10/5                                                                                     |
|-------------------------------------------------------------------------------------------------------|
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PE terminals

## B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

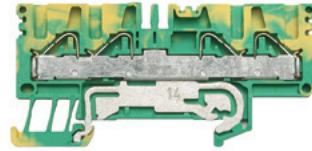
## Accessories

| End plate / Partition plate                                                         |                                               |
|-------------------------------------------------------------------------------------|-----------------------------------------------|
|                                                                                     | Dark beige Wemid                              |
| End bracket                                                                         |                                               |
|                                                                                     | Dark beige Wemid                              |
| Screwdriver                                                                         |                                               |
|                                                                                     | Standard                                      |
| Reducing sleeves                                                                    |                                               |
|                                                                                     | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                                                                                     | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                                                                               |                                               |
|  | With lightning flash symbol                   |

## PPE 2.5/4 4AN

4 mm<sup>2</sup>

4 connections



5.1 x 80 x 39  
/ 6  
0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC | UL                         | CSA         | EN 60079-7 |
|-----|----------------------------|-------------|------------|
| 4   | AWG 26...10                | AWG 26...10 | 4          |
| 800 |                            |             |            |
| 8   |                            |             |            |
|     | 480 A (4 mm <sup>2</sup> ) |             |            |
|     | 3                          |             |            |
|     | A3 / V-0                   |             |            |



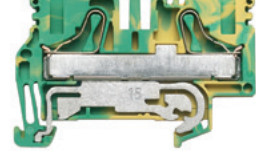
## Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 0.5...2.5         |
| 12 / 3.0 x 0.5 mm |

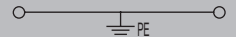
## PPE 6/10

10 mm<sup>2</sup>

2 connections



8.1 x 63.5 x 41.5  
/ 10  
1.5...10



IEC 60947-7-2

Ex e II



II 2 G D

| IEC | UL                           | CSA        | EN 60079-7 |
|-----|------------------------------|------------|------------|
| 10  | AWG 14...8                   | AWG 14...8 | 10         |
| 800 |                              |            |            |
| 8   |                              |            |            |
|     | 1200 A (10 mm <sup>2</sup> ) |            |            |
|     | 3                            |            |            |
|     | A4 / V-0                     |            |            |



## Rated connection

|                     |
|---------------------|
| 1.5...6             |
| 1.5...10 / 1.5...10 |
| 14 / 0.6 x 3.5 mm   |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PPE 2.5/4/4AN                                                                                                        | 50   | 1896160000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

| Type           | Width   | Qty. | Order No.  |
|----------------|---------|------|------------|
| PAP 2.5/4/4AN  | 2.5 mm  | 50   | 1896320000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PRH 2.5/4/1    | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    | 5.1 mm  | 80   | 1916150000 |

| Type                                                                                                                  | Qty. | Order No.  |
|-----------------------------------------------------------------------------------------------------------------------|------|------------|
| PPE 6/10                                                                                                              | 25   | 1896180000 |
| For 10 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000). |      |            |

| Type           | Width  | Qty. | Order No.  |
|----------------|--------|------|------------|
| PAP PDU6/10    | 2.5 mm | 20   | 1896330000 |
| ZEW 35         | 6 mm   | 20   | 9540000000 |
| SDS 0.5X3.0X80 |        | 1    | 9008320000 |
| PAD 6/10/4     | 5.3 mm | 80   | 1916160000 |

## Identification systems (see assortment in catalogue 7)

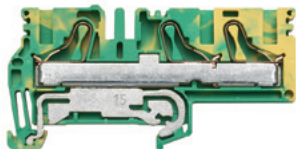
Marking tags

## Note

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

WS 10/8

**PPE 6/10 3AN****10 mm<sup>2</sup>****3 connections**

8.1 x 81.5 x 41.5

/ 10

1.5...10



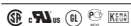
IEC 60947-7-2

Ex e II



II 2 G D

| IEC | UL                           | CSA        | EN 60079-7 |
|-----|------------------------------|------------|------------|
| 10  | AWG 14...8                   | AWG 14...8 | 10         |
| 800 |                              |            |            |
| 8   |                              |            |            |
|     | 1200 A (10 mm <sup>2</sup> ) |            |            |
|     | 3                            |            |            |
|     | A4 / V-0                     |            |            |

**Rated connection**

1.5...6

1.5...10 / 1.5...10

14 / 0.6 x 3.5 mm

| Type                                                                                                                  | Qty. | Order No.         |
|-----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| PPE 6/10/3AN                                                                                                          | 25   | <b>1896190000</b> |
| For 10 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000). |      |                   |

| Type            | Width  | Qty. | Order No.         |
|-----------------|--------|------|-------------------|
| PAP PDU6/10/3AN | 2.5 mm | 20   | <b>1896340000</b> |
| ZEW 35          | 6 mm   | 20   | <b>9540000000</b> |
| SDS 0.5X3.0X80  |        | 1    | <b>9008320000</b> |
|                 |        |      |                   |
|                 |        |      |                   |
| PAD 6/10/4      | 5.3 mm | 80   | <b>1916160000</b> |
|                 |        |      |                   |

WS 10/8

## PE terminals

## B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

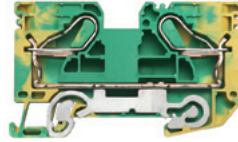
## Accessories

| Pluggable cross-connection                                                          | 2-pole                      |
|-------------------------------------------------------------------------------------|-----------------------------|
|  |                             |
| End plate / Partition plate                                                         | Dark beige Wemid            |
| End bracket                                                                         | Dark beige Wemid            |
| Screwdriver                                                                         | Standard                    |
| Cover                                                                               | With lightning flash symbol |
|  |                             |

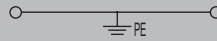
## PPE 16

16 mm<sup>2</sup>

2 connections



12.1 x 81 x 48  
/ 16  
2.5...16



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                          | UL         | CSA        | EN 60079-7 |
|------------------------------|------------|------------|------------|
| 16                           | AWG 14...4 | AWG 14...4 | 16         |
| 800                          |            |            |            |
| 8                            |            |            |            |
| 1920 A (16 mm <sup>2</sup> ) |            |            |            |
| 3                            |            |            |            |
| B6 / V-0                     |            |            |            |



## Rated connection

|                     |
|---------------------|
| 2.5...16            |
| 2.5...16 / 2.5...16 |
| 18 / 1.0 x 5.5 mm   |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| PPE 16 | 10   | 1896210000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 16/2            | 76 A    | 25   | 1739690000 |
| Width               |         |      |            |
| PAP 16              | 2.7 mm  | 10   | 1896290000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |         | 1    | 1274680000 |
| PAD 16/4            | 7.3 mm  | 80   | 1916170000 |

Identification systems (see assortment in catalogue 7)

Marking tags

## Note

WS 10/12

## PDK 2.5/4 PE

4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

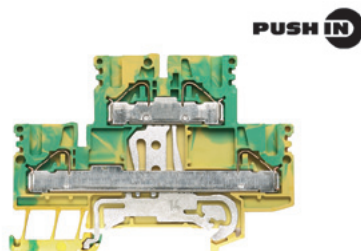
## Note

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

## Accessories

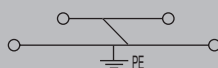
| End plate / Partition plate                   |
|-----------------------------------------------|
| Dark beige Wemid                              |
| End bracket                                   |
| Dark beige Wemid                              |
| Screwdriver                                   |
| Standard                                      |
| Reducing sleeves                              |
| For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
| For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                                         |
| With lightning flash symbol                   |



5.1 x 82.5 x 58.5

/ 6

0.13...6



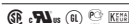
IEC 60947-7-2

Ex e II



II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 26...10 | AWG 26...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A3 / V-0                   |             |             |            |



## Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 0.5...2.5         |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PDK 2.5/4 PE                                                                                                         | 50   | 1918710000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

| Type           | Width   | Qty. | Order No.  |
|----------------|---------|------|------------|
| PAP PDK 2.5/4  | 2.5 mm  | 20   | 1919720000 |
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80 |         | 1    | 9008320000 |
| PRH 2.5/4/1    | 6.16 mm | 100  | 1916410000 |
| PRH 2.5/4/2    | 6.16 mm | 100  | 1916400000 |
| PAD 2.5/4/4    | 5.1 mm  | 80   | 1916150000 |

## Identification systems (see assortment in catalogue 7)

Marking tags

## Note

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## Fuse terminals

## B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Flammability class UL94                              |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Blade size                                           |                 |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | black            |
| Note    |                  |

## Accessories

| Pluggable cross-connection               |                  |
|------------------------------------------|------------------|
|                                          | 3-pole           |
|                                          | 5-pole           |
|                                          | 7-pole           |
|                                          | 9-pole           |
| End plate / Partition plate              |                  |
|                                          | Dark beige Wemid |
|                                          | black            |
| End bracket                              |                  |
|                                          | Dark beige Wemid |
| Screwdriver                              |                  |
|                                          | Standard         |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2) |                  |
|                                          | 0.25 A fast      |
|                                          | 0.50 A fast      |
|                                          | 1.00 A fast      |
|                                          | 2.00 A fast      |

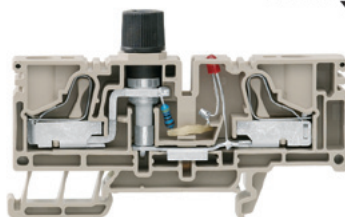
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

PSI 6/10

10 mm<sup>2</sup>

NEW

PUSH IN



12.2 x 81 x 40.35

10 / 10

1.5...10



IEC 60947-7-1

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 250                 |          |     |
| 6.3                 |          |     |
| 10                  |          |     |
|                     | 8 kV / 3 |     |
|                     | V-0      |     |
| Rated connection    |          |     |
| 1.5...6             |          |     |
| 1.5...10 / 1.5...10 |          |     |
| 0.6 x 3.5 mm        |          |     |

| Type                                                         | Qty. | Order No.  |
|--------------------------------------------------------------|------|------------|
| PSI 6/10                                                     | 25   | 1083050000 |
| PSI 6/10 SW                                                  | 25   | 1165140000 |
| Short-circuit protection aligned individually: 10 A and 4 W. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/5 GE          | 32 A    | 20   | 1608980000 |
| ZQV 4/7 GE          | 32 A    | 20   | 1609000000 |
| ZQV 4/9 GE          | 32 A    | 20   | 1609020000 |
| Width               |         |      |            |
| PAP PTL/PSI 6/10    | 2.5 mm  | 20   | 1165320000 |
| PAP PTL/PSI 6/10 SW | 2.5 mm  | 20   | 1165330000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80      |         |      |            |
|                     |         | 1    | 9008320000 |
| G 20/0.25A/F        |         |      |            |
|                     |         | 10   | 0430500000 |
| G 20/0.50A/F        |         |      |            |
|                     |         | 10   | 0430600000 |
| G 20/1.00A/F        |         |      |            |
|                     |         | 10   | 0430700000 |
| G 20/2.00A/F        |         |      |            |
|                     |         | 10   | 0430900000 |

PSI 6/10

Overload and short-circuit protection

| Type     | Order No.  |
|----------|------------|
| PSI 6/10 | 1083050000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 35 °C                         | 2.5 W / 6.3 A  |                                       |                |
| In combination | 26 °C                         | 2.5 W / 6.3 A  |                                       |                |

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

for terminal type  
PSI 6/10



Technical data / Ordering data

| G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI) |                  |                  |      |            |
|------------------------------------------------------------------------------------|------------------|------------------|------|------------|
| Size (mm)                                                                          | Nom. current (A) | Type             | Qty. | Order No.  |
| 5 x 20<br>breaking capacity 1500 A<br>(at 250 V, 50 Hz, cos φ 0.7)                 | 0.1              | (F) G 20/0.10A/F | 10   | 0430300000 |
|                                                                                    | 0.2              | (F) G 20/0.20A/F | 10   | 0430400000 |
|                                                                                    | 0.25             | (F) G 20/0.25A/F | 10   | 0430500000 |
|                                                                                    | 0.5              | (F) G 20/0.50A/F | 10   | 0430600000 |
|                                                                                    | 0.63             | (F) G 20/0.63A/F | 10   | 0430900000 |
|                                                                                    | 1.0              | (F) G 20/1.00A/F | 10   | 0430700000 |
|                                                                                    | 1.6              | (F) G 20/1.60A/F | 10   | 0430800000 |
|                                                                                    | 2.0              | (F) G 20/2.00A/F | 10   | 0430900000 |
|                                                                                    | 2.5              | (F) G 20/2.50A/F | 10   | 0431000000 |
|                                                                                    | 3.15             | (F) G 20/3.15A/F | 10   | 0431100000 |
|                                                                                    | 4.0              | (F) G 20/4.00A/F | 10   | 0431200000 |
|                                                                                    | 5.0              | (F) G 20/5.00A/F | 10   | 0431300000 |
|                                                                                    | 6.3              | (F) G 20/6.30A/F | 10   | 0431400000 |
| (M) = medium-blow (F) = fast-blow                                                  |                  |                  |      |            |

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage of feed-through terminal               | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Blue Wemid                         |
|         | Without isolator, Dark beige Wemid |

## Note

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Testing / Checking                 |                                             |
|                                    | Test plug                                   |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

## Identification systems (see assortment in catalogue 7)

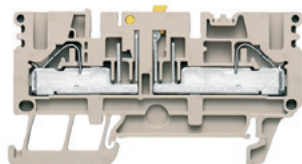
Marking tags

## Note

## PTR 2.5/4

2.5 mm<sup>2</sup>

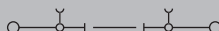
With isolator



5.1 x 71 x 39.5

22 / 6

0.13...6



IEC 60947-7-1

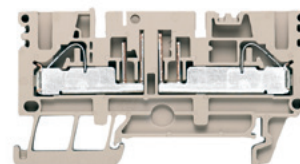
| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 600 (C)     | 600 (C)     |
| 22       | 24 (C)      | 24 (C)      |
| 2.5      | AWG 26...10 | AWG 26...10 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 0.5...2.5         |
| 12 / 0.6 x 3.5 mm |

## PTR 2.5/4 0 TNHE

2.5 mm<sup>2</sup>

5.1 x 71 x 39.5

22 / 6

0.13...6



IEC 60947-7-1

| IEC      | UL | CSA |
|----------|----|-----|
| 500      |    |     |
| 22       |    |     |
| 2.5      |    |     |
| 6 kV / 3 |    |     |
| A3 / V-0 |    |     |



## Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 0.5...2.5         |
| 12 / 0.6 x 3.5 mm |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| PTR 2.5/4    | 50   | 1933950000 |
| PTR 2.5/4 BL | 50   | 1933970000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| PTR 2.5/4 0 TNHE | 50   | 1933910000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PTR2.5/4           | 2.5 mm  | 20   | 1934680000 |
| Width                  |         |      |            |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| Width                  |         |      |            |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| Width                  |         |      |            |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| Width                  |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| Width                  |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| Width                  |         |      |            |
| TNST                   |         | 50   | 1833090000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PTR2.5/4           | 2.5 mm  | 20   | 1934680000 |
| Width                  |         |      |            |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| Width                  |         |      |            |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| Width                  |         |      |            |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| Width                  |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| Width                  |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| Width                  |         |      |            |
| TNST                   |         | 50   | 1833090000 |

## DEK 5/5 / WS 10/5

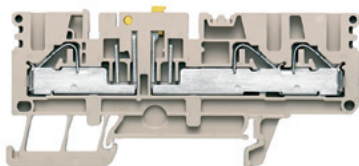
Detailed information for working with twin ferrules can be found in the P Series Accessories section.



## PTR 2.5/4 3AN

2.5 mm<sup>2</sup>

With isolator

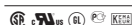


5.1 x 85 x 39.5  
22 / 6  
0.13...6



IEC 60947-7-1

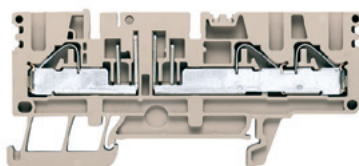
| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 600 (C)     | 600 (C)     |
| 22       | 24 (C)      | 24 (C)      |
| 2.5      | AWG 26...10 | AWG 26...10 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 0.6 x 3.5 mm

## PTR 2.5/4 3AN 0 TNHE

2.5 mm<sup>2</sup>

5.1 x 85 x 39.5  
22 / 6  
0.13...6



IEC 60947-7-1

| IEC      | UL | CSA |
|----------|----|-----|
| 500      |    |     |
| 22       |    |     |
| 2.5      |    |     |
| 6 kV / 3 |    |     |
| A3 / V-0 |    |     |



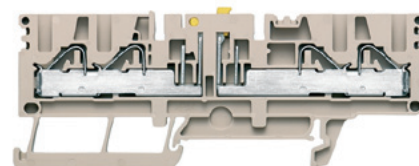
## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 0.6 x 3.5 mm

## PTR 2.5/4 4AN

2.5 mm<sup>2</sup>

With isolator



5.1 x 99 x 39.5  
22 / 6  
0.13...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 600 (C)     | 600 (C)     |
| 22       | 24 (C)      | 24 (C)      |
| 2.5      | AWG 26...10 | AWG 26...10 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

0.5...6  
0.5...4 / 0.5...4  
0.5...2.5  
12 / 0.6 x 3.5 mm

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| PTR 2.5/4/3AN    | 50   | 1933980000 |
| PTR 2.5/4/3AN BL | 50   | 1933930000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| PTR 2.5/4/3AN 0 TNHE | 50   | 1933990000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| PTR 2.5/4/4AN    | 50   | 1933940000 |
| PTR 2.5/4/4AN BL | 50   | 1934000000 |

For 4 mm<sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PTR2.5/4/3AN       | 2.5 mm  | 20   | 1934690000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PTR2.5/4/3AN       | 2.5 mm  | 20   | 1934690000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PTR2.5/4/4AN       | 2.5 mm  | 20   | 1934700000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

DEK 5/5 / WS 10/5

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## Test-disconnect terminals

## B

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage of feed-through terminal               | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

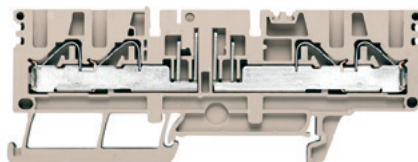
| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Blue Wemid                         |
|         | Without isolator, Dark beige Wemid |
| Note    |                                    |

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Testing / Checking                 |                                             |
|                                    | Test plug                                   |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## PTR 2.5/4 4AN 0 TNHE

2.5 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 5.1 x 99 x 39.5 |  |
| 22 / 6          |  |
| 0.13...6        |  |

IEC 60947-7-1

| IEC               | UL       | CSA |
|-------------------|----------|-----|
| 500               |          |     |
| 22                |          |     |
| 2.5               |          |     |
|                   | 6 kV / 3 |     |
|                   | A3 / V-0 |     |
| Rated connection  |          |     |
| 0.5...6           |          |     |
| 0.5...4 / 0.5...4 |          |     |
| 0.5...2.5         |          |     |
| 12 / 0.6 x 3.5 mm |          |     |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| PTR 2.5/4/4AN 0 TNHE                                                                                                 | 50   | 1933890000 |
| For 4 mm <sup>2</sup> conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). |      |            |

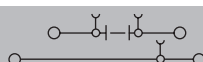
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PTR2.5/4/4AN       | 2.5 mm  | 20   | 1934700000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                                                     |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PDL 4/TR/DU 0 TNHE

4 mm<sup>2</sup>

5.1 x 100 x 49.5  
/ 4  
0.08...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 150 (C)     | 300 (B)     |
| 20       | 17 (C)      | 6.3 (B)     |
| 4        | AWG 28...10 | AWG 28...10 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



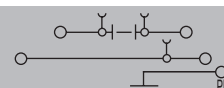
## Rated connection

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4 / 0.5...4 |
| 0.5...1.5         |
| 12 / 3.0 x 0.5 mm |

## PDL 4/TR/DU/PE 0 TNHE

4 mm<sup>2</sup>

5.1 x 100 x 49.5  
/ 4  
0.08...4



IEC 60947-7-1 (-7-2)

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (D)     | 300 (B)     |
| 20       | 10 (D)      | 6.3 (B)     |
| 4        | AWG 28...10 | AWG 28...10 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

|                   |
|-------------------|
| 0.5...4 / 1.5...4 |
| 0.5...4 / 0.5...4 |
| 0.5...1.5         |
| 12 / 3.0 x 0.5 mm |

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage of feed-through terminal               | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version                            |  |
|------------------------------------|--|
| Dark beige Wemid                   |  |
| Without isolator, Dark beige Wemid |  |
| Note                               |  |

| Type                                                                                                                                          | Qty. | Order No.  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| PDL 4/TR/DU 0 TNHE                                                                                                                            | 50   | 1899210000 |
| ...without disconnecting lever. Suitable for the SIHA 3 fuse holder with G fuse, for the BEST component plug and for the TNST isolating plug. |      |            |

| Type                                                                                                                                          | Qty. | Order No.  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| PDL 4/TR/DU/PE 0 TNHE                                                                                                                         | 50   | 1899220000 |
| ...without disconnecting lever. Suitable for the SIHA 3 fuse holder with G fuse, for the BEST component plug and for the TNST isolating plug. |      |            |

## Accessories

| Pluggable cross-connection                  |  |
|---------------------------------------------|--|
| 2-pole                                      |  |
| 3-pole                                      |  |
| 4-pole                                      |  |
| 10-pole                                     |  |
| 20-/24-pole                                 |  |
| End plate / Partition plate                 |  |
| Dark beige Wemid                            |  |
| End bracket                                 |  |
| Dark beige Wemid                            |  |
| Screwdriver                                 |  |
| Standard                                    |  |
| Holder for cartridge fuse 5 x 20mm          |  |
| 400 V AC/DC, without LED                    |  |
| 10 - 36 V AC/DC, red LED                    |  |
| 140 - 250 V AC/DC, red LED                  |  |
| Module connector (max. 250 V)               |  |
| without fittings                            |  |
| with wire jumper                            |  |
| With 1N4007 diode                           |  |
| Disconnect plug                             |  |
| removable, as replacement for release lever |  |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PDL4               | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2               | 8 mm    | 20   | 8630740000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PDL4               | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2               | 8 mm    | 20   | 8630740000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Marking tags           |                                 |
| Note                   |                                 |

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                                                     |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                                                     |
| Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage of feed-through terminal               | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Without isolator, Dark beige Wemid |
| Note    |                                    |

## Accessories

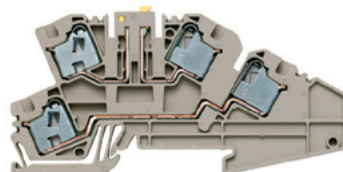
| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

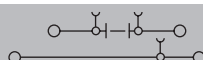
## PDL 4/TR/DU

4 mm<sup>2</sup>

With isolator



5.1 x 100 x 49.5  
/ 4  
0.08...4



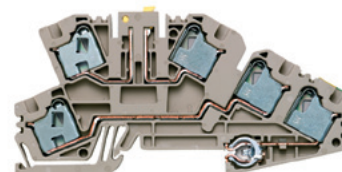
IEC 60947-7-1

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 400               | 150 (C)     | 300 (B)     |
| 20                | 17 (C)      | 20 (B)      |
| 4                 | AWG 28...10 | AWG 28...10 |
| 4 kV / 3          |             |             |
| A3 / V-0          |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4 |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...1.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

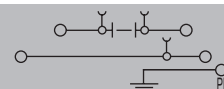
## PDL 4/TR/DU/PE

4 mm<sup>2</sup>

With isolator



5.1 x 100 x 49.5  
/ 4  
0.08...4



IEC 60947-7-1 (-7-2)

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 400               | 300 (D)     | 300 (B)     |
| 20                | 10 (D)      | 20 (B)      |
| 4                 | AWG 28...10 | AWG 28...10 |
| 4 kV / 3          |             |             |
| A3 / V-0          |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4 |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...1.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

| Type                                                          | Qty. | Order No.  |
|---------------------------------------------------------------|------|------------|
| PDL 4/TR/DU                                                   | 50   | 1899190000 |
| Without isolator: PDL 4 TR/DU 0 TNHE<br>Order no.: 1899210000 |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PDL4               | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2               | 8 mm    | 20   | 8630740000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

| Type                                                             | Qty. | Order No.  |
|------------------------------------------------------------------|------|------------|
| PDL 4/TR/DU/PE                                                   | 50   | 1899200000 |
| Without isolator: PDL 4 TR/DU/PE 0 TNHE<br>Order no.: 1899220000 |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20             | 24 A    | 20   | 1908960000 |
| Width                  |         |      |            |
| PAP PDL4               | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2               | 8 mm    | 20   | 8630740000 |
| SDS 0.5X3.0X80         |         | 1    | 9008320000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage of feed-through terminal               | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

### Note

### Ordering data

| Version | Dark beige Wemid |
|---------|------------------|
| Note    |                  |

### Accessories

| End plate / Partition plate |                            |
|-----------------------------|----------------------------|
|                             | Dark beige Wemid<br>black  |
| End bracket                 |                            |
|                             | Dark beige Wemid           |
| Screwdriver                 |                            |
|                             | Standard                   |
| Miscellaneous accessories   |                            |
|                             | Short-circuit plug, 2-pole |
| Threaded bushing            |                            |
|                             | Standard                   |
| Screwable cross-connection  |                            |
|                             | 2-pole                     |
|                             | 3-pole                     |
|                             | 4-pole                     |
|                             | 10-pole                    |
| Testing / Checking          |                            |
|                             | Socket - blue              |
|                             | Socket - yellow            |
|                             | Socket - green             |
|                             | Socket - magenta           |
|                             | Socket                     |
|                             | Socket - blue              |
|                             | Socket - yellow            |
|                             | Socket - green             |
|                             | Socket - magenta           |
|                             | Socket                     |

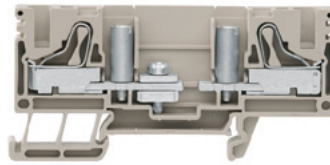
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### PTL 6/10

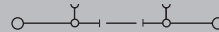
10 mm<sup>2</sup>

NEW

PUSH IN



8.1 x 82 x 40.35  
/ 10  
1.5...10



IEC 60947-7-1

| IEC                 | UL          | CSA |
|---------------------|-------------|-----|
| 800                 | 600 (C)     |     |
| 57                  | 45 (C)      |     |
| 10                  | AWG 16...16 |     |
|                     | 8 kV / 3    |     |
|                     | A5 / V-0    |     |
| Rated connection    |             |     |
| 1.5...6             |             |     |
| 1.5...10 / 1.5...10 |             |     |
| 14 / 0.6 x 3.5 mm   |             |     |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| PTL 6/10/STB | 50   | 1084780000 |

| Type                  | Width  | Qty. | Order No.  |
|-----------------------|--------|------|------------|
| PAP PTL/PSI 6/10      | 2.5 mm | 20   | 1165320000 |
| PAP PTL/PSI 6/10 SW   | 2.5 mm | 20   | 1165330000 |
| ZEW 35                | 6 mm   | 20   | 9540000000 |
| SDS 0.5X3.0X80        |        | 1    | 9008320000 |
| QS 2/8/4              | 12 mm  | 20   | 0270960000 |
| GWHUE M3 WTL6         |        | 50   | 1255010000 |
| current               |        |      |            |
| WQV 6/2               | 57 A   | 50   | 1052360000 |
| WQV 6/3               | 57 A   | 50   | 1054760000 |
| WQV 6/4               | 57 A   | 50   | 1054860000 |
| WQV 6/10              | 57 A   | 20   | 1052260000 |
| Width                 |        |      |            |
| STB 21.6/45 BL        | 6.1 mm | 50   | 1936290000 |
| STB 21.6/45 GE        | 6.1 mm | 50   | 1936240000 |
| STB 21.6/45 GN        | 6.1 mm | 50   | 1936250000 |
| STB 21.6/45 VI        | 6.1 mm | 50   | 1936260000 |
| STB 14/D6/4/M3 SAK10  |        | 500  | 2012420000 |
| STB 36.8/IH/BL WTL6/1 | 6 mm   | 50   | 1847790000 |
| STB 36.8/IH/GE WTL6/1 | 6 mm   | 50   | 1847760000 |
| STB 36.8/IH/GN WTL6/1 | 6 mm   | 50   | 1847770000 |
| STB 36.8/IH/VI WTL6/1 | 6 mm   | 50   | 1847780000 |
| STB 36.8/IH/DB WTL6/1 | 6 mm   | 50   | 1847740000 |

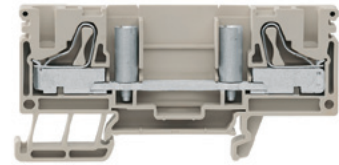
DEK 5/8

### PTD 6/10

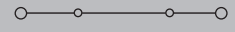
10 mm<sup>2</sup>

NEW

PUSH IN



8.1 x 82 x 40.35  
/ 10  
1.5...10



IEC 60947-7-1

| IEC                 | UL          | CSA |
|---------------------|-------------|-----|
| 800                 | 600 (C)     |     |
| 57                  | 45 (C)      |     |
| 10                  | AWG 16...16 |     |
|                     | 8 kV / 3    |     |
|                     | A5 / V-0    |     |
| Rated connection    |             |     |
| 1.5...6             |             |     |
| 1.5...10 / 1.5...10 |             |     |
| 14 / 0.6 x 3.5 mm   |             |     |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| PTD 6/10/STB | 50   | 1084790000 |

| Type                  | Width  | Qty. | Order No.  |
|-----------------------|--------|------|------------|
| PAP PTL/PSI 6/10      | 2.5 mm | 20   | 1165320000 |
| PAP PTL/PSI 6/10 SW   | 2.5 mm | 20   | 1165330000 |
| ZEW 35                | 6 mm   | 20   | 9540000000 |
| SDS 0.5X3.0X80        |        | 1    | 9008320000 |
| QS 2/8/4              | 12 mm  | 20   | 0270960000 |
| GWHUE M3 WTL6         |        | 50   | 1255010000 |
| current               |        |      |            |
| WQV 6/2               | 57 A   | 50   | 1052360000 |
| WQV 6/3               | 57 A   | 50   | 1054760000 |
| WQV 6/4               | 57 A   | 50   | 1054860000 |
| WQV 6/10              | 57 A   | 20   | 1052260000 |
| Width                 |        |      |            |
| STB 21.6/45 BL        | 6.1 mm | 50   | 1936290000 |
| STB 21.6/45 GE        | 6.1 mm | 50   | 1936240000 |
| STB 21.6/45 GN        | 6.1 mm | 50   | 1936250000 |
| STB 21.6/45 VI        | 6.1 mm | 50   | 1936260000 |
| STB 14/D6/4/M3 SAK10  |        | 500  | 2012420000 |
| STB 36.8/IH/BL WTL6/1 | 6 mm   | 50   | 1847790000 |
| STB 36.8/IH/GE WTL6/1 | 6 mm   | 50   | 1847760000 |
| STB 36.8/IH/GN WTL6/1 | 6 mm   | 50   | 1847770000 |
| STB 36.8/IH/VI WTL6/1 | 6 mm   | 50   | 1847780000 |
| STB 36.8/IH/DB WTL6/1 | 6 mm   | 50   | 1847740000 |

DEK 5/8

## Distribution terminal blocks for simple maintenance



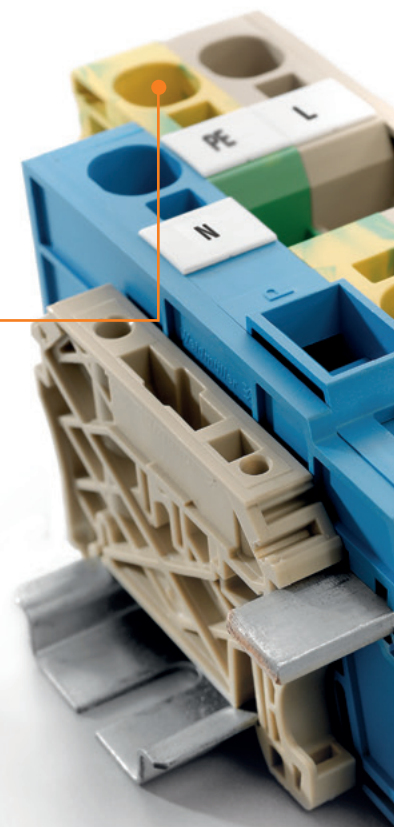
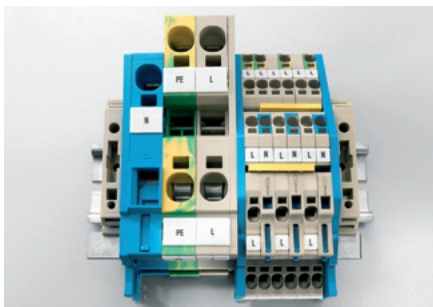
**A cost-effective solution for building and facility installations: with "PUSH IN" connections**

This addition to Weidmüller's comprehensive line of "PUSH IN" terminal block products speeds up your installation while also providing better power specifications in a smaller size.

It offers key advantages wherever solid wires or wires with ferrules are being connected.

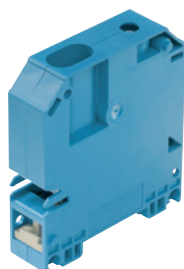
### Quick and safe

A universal wire connection range from 2.5 to 16 mm<sup>2</sup>. Solid and flexible conductors with wire-end ferrules can be connected using this connection system.



### PUSH IN with screw combination

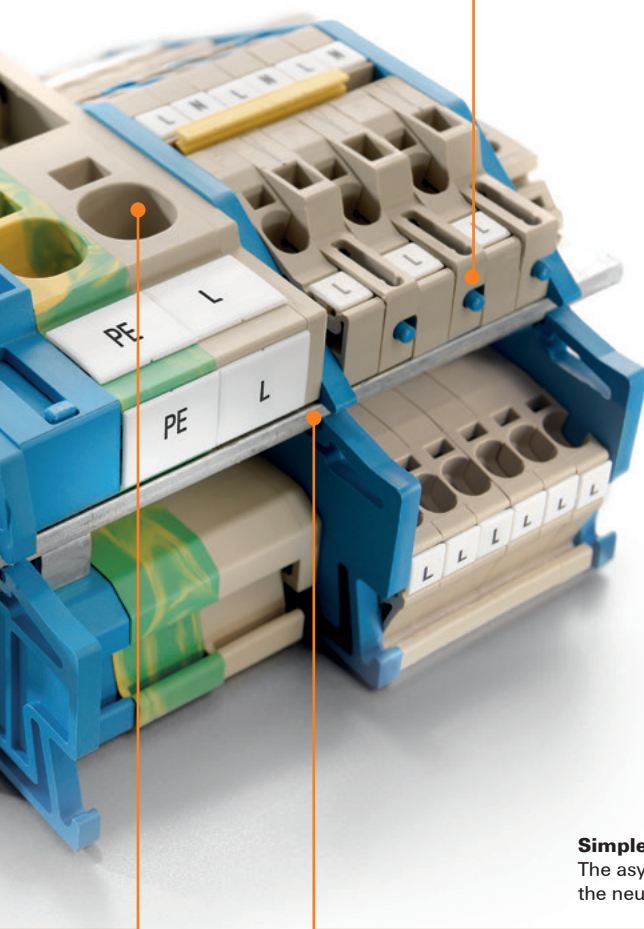
The large cross-section of screw terminals can be combined with PUSH IN terminals.





#### Increased flexibility

Simple to swap-out PDL terminals from the group when connected with the PDU 16S.



#### Simple handling

The asymmetric design of the terminal enables the neutral-wire busbar to be bypassed.



## Actuator and installation terminals

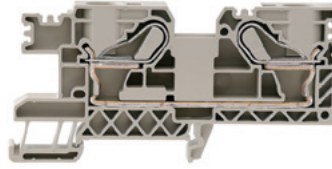
### Feed-through terminals

PDU 16S

16 mm<sup>2</sup>

NEW

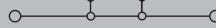
PUSH IN



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

12.1 x 96.5 x 48  
/ 16  
2.5...16



### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

| IEC | UL       | CSA |
|-----|----------|-----|
| 800 |          |     |
| 76  |          |     |
| 16  |          |     |
|     | 8 kV / 3 |     |
|     | B6 / V-0 |     |

#### Rated connection

2.5...16  
2.5...16 / 2.5...16  
18 / 1.0 x 5.5 mm

### Ordering data

| Version          |
|------------------|
| Dark beige Wemid |
| Note             |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| PDU 16S | 25   | 1139580000 |

### Accessories

| Pluggable cross-connection                                                          | 2-pole                      |
|-------------------------------------------------------------------------------------|-----------------------------|
|  |                             |
| End plate / Partition plate                                                         | Dark beige Wemid            |
| End bracket                                                                         | Dark beige Wemid            |
| Screwdriver                                                                         | Standard                    |
| Cover                                                                               | With lightning flash symbol |
|  |                             |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 16/2            | 76 A    | 25   | 1739690000 |
| Width               |         |      |            |
| PAP PDU16S          | 2.7 mm  | 10   | 1139910000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |         | 1    | 1274680000 |
| PAD 16/4            | 7.3 mm  | 80   | 1916170000 |

|                        |                                 |
|------------------------|---------------------------------|
| Identification systems | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

WS 12/8



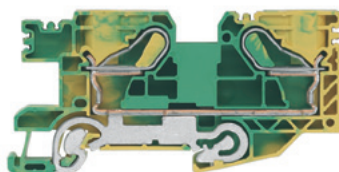
## PE terminals

PPE 16S

 16 mm<sup>2</sup>

NEW

PUSH IN



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

12.1 x 96.5 x 48  
/ 16  
2.5...16



## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Flammability class UL94                              |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Blade size                                           |                 |

## Note

IEC 60947-7-2

| IEC                 | UL                           | CSA |
|---------------------|------------------------------|-----|
| 16                  |                              |     |
| 800                 |                              |     |
| 8                   |                              |     |
|                     | 1920 A (16 mm <sup>2</sup> ) |     |
|                     | 3                            |     |
|                     | V-0                          |     |
| Rated connection    |                              |     |
| 2.5...16            |                              |     |
| 2.5...16 / 2.5...16 |                              |     |
| 1.0 x 5.5 mm        |                              |     |

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| PPE 16S | 10   | 1139570000 |

## Accessories

| Pluggable cross-connection  | 2-pole                      |
|-----------------------------|-----------------------------|
|                             |                             |
| End plate / Partition plate | Dark beige Wemid            |
| End bracket                 | Dark beige Wemid            |
| Screwdriver                 | Standard                    |
| Cover                       | With lightning flash symbol |
|                             |                             |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 16/2            | 76 A    | 25   | 1739690000 |
| Width               |         |      |            |
| PAP PDU16S          | 2.7 mm  | 10   | 1139910000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |         | 1    | 1274680000 |
| PAD 16/4            | 7.3 mm  | 80   | 1916170000 |

|                        |                                 |
|------------------------|---------------------------------|
| Identification systems | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

|          |
|----------|
| WS 10/12 |
|----------|

## Actuator and installation terminals

### Neutral conductor disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

#### Ordering data

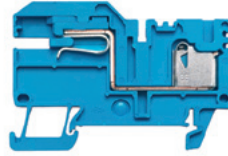
| Version | Blue Wemid |
|---------|------------|
| Note    |            |

#### Accessories

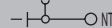
| Pluggable cross-connection                        |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | 2-pole                                       |
|                                                   | 3-pole                                       |
|                                                   | 4-pole                                       |
|                                                   | 10-pole                                      |
|                                                   | 20-/24-pole                                  |
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|                                                   | Blue Wemid                                   |
|                                                   | For a vertical installation position         |
| End bracket                                       |                                              |
|                                                   | Dark beige Wemid                             |
| Screwdriver                                       |                                              |
|                                                   | Standard                                     |
| Busbar 10 x 3 (140 A)                             |                                              |
|                                                   | OK, Busbar up to OK, TS35 = 25.5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0.5 - 6 / 4 mm <sup>2</sup> |
|                                                   | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### PNT 2.5/4

4 mm<sup>2</sup>

5.1 x 63.5 x 48.5  
/ 6  
0.08...6



IEC 60947-7-1

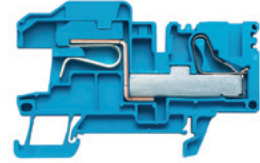
| IEC               | UL       | CSA |
|-------------------|----------|-----|
| 250               |          |     |
| 32                |          |     |
| 4                 |          |     |
|                   | 4 kV / 3 |     |
|                   | A3 / V-0 |     |
| Rated connection  |          |     |
| 0.5...6           |          |     |
| 2.5...4 / 0.5...4 |          |     |
| ...1.5            |          |     |
| 12 / 3.0 x 0.5 mm |          |     |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PNT 2.5/4 | 50   | 1896360000 |

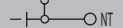
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20           | 24 A    | 20   | 1908960000 |
| Width                |         |      |            |
| PHP PNT 2.5/4        | 3 mm    | 20   | 1896390000 |
| PHP PNT 2.5/4 SO     | 3 mm    | 20   | 1916790000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80       |         |      |            |
|                      |         | 1    | 9008320000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            |         |      |            |
|                      | 6.1 mm  | 50   | 1814660000 |
| ZB 16K BL            |         |      |            |
|                      | 10 mm   | 50   | 0502880000 |
| ZB 35/M6X16          |         |      |            |
|                      | 14 mm   | 20   | 0266500000 |

DEK 5/5 / WS 10/5

### PNT 6/10

10 mm<sup>2</sup>

8.1 x 72.5 x 46.5  
/ 10  
1.5...10



IEC 60947-7-1

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 250                 |          |     |
| 41                  |          |     |
| 10                  |          |     |
|                     | 8 kV / 3 |     |
|                     | A4 / V-0 |     |
| Rated connection    |          |     |
| 1.5...6             |          |     |
| 1.5...10 / 1.5...10 |          |     |
| 14 / 0.6 x 3.5 mm   |          |     |

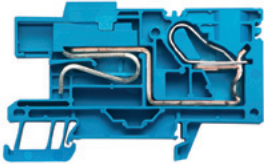
| Type     | Qty. | Order No.  |
|----------|------|------------|
| PNT 6/10 | 25   | 1896370000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 6N/2             |         | 60   | 1906210000 |
| ZQV 6N/3             |         | 60   | 1906220000 |
| ZQV 6N/4             |         | 60   | 1906230000 |
| ZQV 6N/20            |         | 20   | 1906240000 |
| Width                |         |      |            |
| PHP PNT 6/10         | 3 mm    | 10   | 1896100000 |
| PHP PNT 6/10 SO      | 3 mm    | 10   | 1919710000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| SDS 0.5X3.0X80       |         |      |            |
|                      |         | 1    | 9008320000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            |         |      |            |
|                      | 6.1 mm  | 50   | 1814660000 |
| ZB 16K BL            |         |      |            |
|                      | 10 mm   | 50   | 0502880000 |
| ZB 35/M6X16          |         |      |            |
|                      | 14 mm   | 20   | 0266500000 |

WS 10/8

PNT 16

16 mm<sup>2</sup>



12.1 x 80.5 x 50  
/ 16  
2.5...16

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 400                 |          |     |
| 76                  |          |     |
| 16                  |          |     |
|                     | 8 kV / 3 |     |
|                     | B6 / V-0 |     |
|                     |          |     |
| Rated connection    |          |     |
| 2.5...16            |          |     |
| 2.5...16 / 2.5...16 |          |     |
| 18 / 1.0 x 5.5 mm   |          |     |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| PNT 16 | 10   | 1896350000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| PHP PNT16            | 3 mm    | 10   | 1896380000 |
| PHP PNT16 SO         | 3 mm    | 10   | 1919690000 |
|                      |         |      |            |
| ZEW 35               | 6 mm    | 20   | 9540000000 |
|                      |         |      |            |
| SDIS SL 1.0X4.5X125  |         | 1    | 1274680000 |
|                      |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
|                      |         |      |            |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16K BL            | 10 mm   | 50   | 0502880000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

WS 10/12

## Actuator and installation terminals

### Distribution terminals for 10 x 3 mm

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

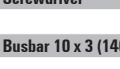
| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

#### Ordering data

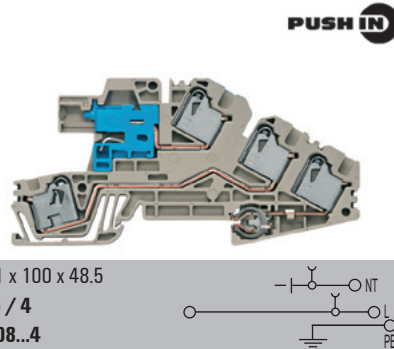
| Version | Dark beige Wemid |
|---------|------------------|
| Note    |                  |

#### Accessories

| Pluggable cross-connection                                                          |                                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | 2-pole                                                                                                                      |
|  | 3-pole                                                                                                                      |
|  | 4-pole                                                                                                                      |
|  | 10-pole                                                                                                                     |
| End plate / Partition plate                                                         |                                                                                                                             |
|  | Dark beige Wemid                                                                                                            |
| Support bracket for 10 x 3 (required every 20 cm)                                   |                                                                                                                             |
|  | Blue Wemid<br>For a vertical installation position                                                                          |
| End bracket                                                                         |                                                                                                                             |
|  | Dark beige Wemid                                                                                                            |
| Screwdriver                                                                         |                                                                                                                             |
|  | Standard                                                                                                                    |
| Busbar 10 x 3 (140 A)                                                               |                                                                                                                             |
|  | OK, Busbar up to OK, TS35 = 25.5 mm                                                                                         |
| Clamping yoke for power supply to 10 x 3 busbars                                    |                                                                                                                             |
|  | Rigid / flexible 0.5 - 6 / 4 mm <sup>2</sup><br>Rigid / flexible 6 - 16 mm <sup>2</sup><br>Flexible 16 - 35 mm <sup>2</sup> |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

### PDL 4 S/NT/L/PE

4 mm<sup>2</sup>

5.1 x 100 x 48.5  
36 / 4  
0.08...4

IEC 60947-7-1 (-7-2)

| IEC               | UL       | CSA |
|-------------------|----------|-----|
| 400               |          |     |
| 32                |          |     |
| 4                 |          |     |
|                   | 6 kV / 3 |     |
|                   | A3 / V-0 |     |
| Rated connection  |          |     |
| 0.5...4 / 1.5...4 |          |     |
| 0.5...4 / 0.5...4 |          |     |
| 0.5...1.5         |          |     |
| 12 / 3.0 x 0.5 mm |          |     |

|  |
|--|
|  |
|--|

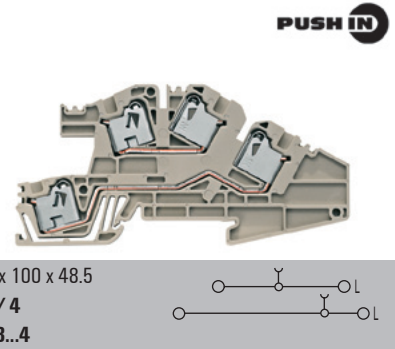
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| PDL 4 S/NT/L/PE | 50   | 1837060000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| Width                |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

DEK 5/5

### PDL 4 S/L/L

4 mm<sup>2</sup>

5.1 x 100 x 48.5  
36 / 4  
0.08...4

IEC 60947-7-1

| IEC               | UL       | CSA |
|-------------------|----------|-----|
| 400               |          |     |
| 32                |          |     |
| 4                 |          |     |
|                   | 6 kV / 3 |     |
|                   | A3 / V-0 |     |
| Rated connection  |          |     |
| 0.5...4 / 1.5...4 |          |     |
| 0.5...4 / 0.5...4 |          |     |
| 0.5...1.5         |          |     |
| 12 / 3.0 x 0.5 mm |          |     |

|  |
|--|
|  |
|--|

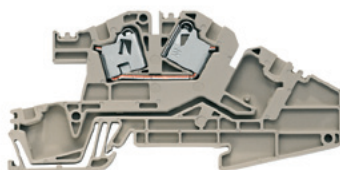
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| PDL 4 S/L/L | 50   | 1837030000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| Width                |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

DEK 5/5

## PDL 4 S/L

 4 mm<sup>2</sup>

 5.1 x 100 x 48.5  
**36 / 4**  
**0.08...4**


IEC 60947-7-1

| IEC      | UL | CSA |
|----------|----|-----|
| 400      |    |     |
| 32       |    |     |
| 4        |    |     |
| 6 kV / 3 |    |     |
| A3 / V-0 |    |     |


**Rated connection**

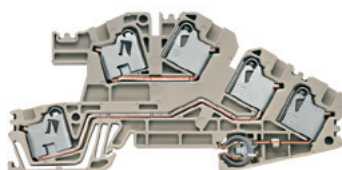
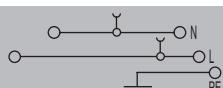
 0.5...4 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.5  
 12 / 3.0 x 0.5 mm

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PDL 4 S/L | 50   | 1847610000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| <b>Width</b>         |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

DEK 5/5

## PDL 4 S/N/L/PE

 4 mm<sup>2</sup>

 5.1 x 100 x 48.5  
**36 / 4**  
**0.08...4**


IEC 60947-7-1 (-7-2)

| IEC      | UL | CSA |
|----------|----|-----|
| 400      |    |     |
| 32       |    |     |
| 4        |    |     |
| 6 kV / 3 |    |     |
| A3 / V-0 |    |     |


**Rated connection**

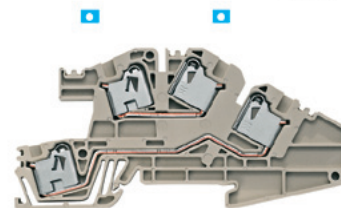
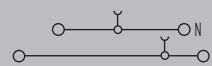
 0.5...4 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.5  
 12 / 3.0 x 0.5 mm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| PDL 4 S/N/L/PE | 50   | 1837050000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| <b>Width</b>         |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

DEK 5/5

## PDL 4 S/N/L

 4 mm<sup>2</sup>

 5.1 x 100 x 48.5  
**36 / 4**  
**0.08...4**


IEC 60947-7-1

| IEC      | UL | CSA |
|----------|----|-----|
| 400      |    |     |
| 32       |    |     |
| 4        |    |     |
| 6 kV / 3 |    |     |
| A3 / V-0 |    |     |


**Rated connection**

 0.5...4 / 1.5...4  
 0.5...4 / 0.5...4  
 0.5...1.5  
 12 / 3.0 x 0.5 mm

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| PDL 4 S/N/L | 50   | 1847630000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| <b>Width</b>         |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

DEK 5/5

## Actuator and installation terminals

### Distribution terminals for 10 x 3 mm

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

#### Ordering data

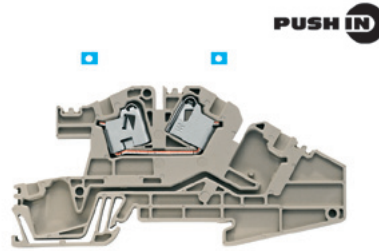
| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

#### Accessories

| Pluggable cross-connection                        |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | 2-pole                                       |
|                                                   | 3-pole                                       |
|                                                   | 4-pole                                       |
|                                                   | 10-pole                                      |
| End plate / Partition plate                       |                                              |
|                                                   | Dark beige Wemid                             |
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|                                                   | Blue Wemid                                   |
|                                                   | For a vertical installation position         |
| End bracket                                       |                                              |
|                                                   | Dark beige Wemid                             |
| Screwdriver                                       |                                              |
|                                                   | Standard                                     |
| Busbar 10 x 3 (140 A)                             |                                              |
|                                                   | OK, Busbar up to OK, TS35 = 25.5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0.5 - 6 / 4 mm <sup>2</sup> |
|                                                   | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### PDL 4 S/N

4 mm<sup>2</sup>

|                  |  |
|------------------|--|
| 5.1 x 100 x 48.5 |  |
| 36 / 4           |  |
| 0.08...4         |  |

IEC 60947-7-1

| IEC               | UL       | CSA |
|-------------------|----------|-----|
| 400               |          |     |
| 32                |          |     |
| 4                 |          |     |
|                   | 6 kV / 3 |     |
|                   | A3 / V-0 |     |
| Rated connection  |          |     |
| 0.5...4 / 1.5...4 |          |     |
| 0.5...4 / 0.5...4 |          |     |
| 0.5...1.5         |          |     |
| 12 / 3.0 x 0.5 mm |          |     |

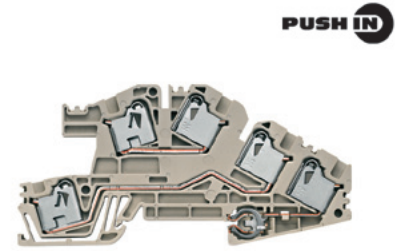
| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PDL 4 S/N | 50   | 1847620000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| Width                |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
|                      |         |      |            |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
|                      |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
|                      |         |      |            |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5

### PDL 4 S/L/L/PE

4 mm<sup>2</sup>

|                  |  |
|------------------|--|
| 5.1 x 100 x 48.5 |  |
| 36 / 4           |  |
| 0.08...4         |  |

IEC 60947-7-1 (-7-2)

| IEC               | UL       | CSA |
|-------------------|----------|-----|
| 400               |          |     |
| 32                |          |     |
| 4                 |          |     |
|                   | 6 kV / 3 |     |
|                   | A3 / V-0 |     |
| Rated connection  |          |     |
| 0.5...4 / 1.5...4 |          |     |
| 0.5...4 / 0.5...4 |          |     |
| 0.5...1.5         |          |     |
| 12 / 3.0 x 0.5 mm |          |     |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| PDL 4 S/L/L/PE | 50   | 1837040000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| Width                |         |      |            |
| PAP PDL4S            | 1.5 mm  | 20   | 1837070000 |
| PHP PDL              | 3 mm    | 20   | 1837090000 |
| PHP PDL SO           | 3 mm    | 20   | 1837080000 |
|                      |         |      |            |
| ZEW 35/2             | 8 mm    | 20   | 8630740000 |
|                      |         |      |            |
| SDIS 0.4X2.5X75      |         | 1    | 9008370000 |
|                      |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
|                      |         |      |            |
| ZF 4 S BL            | 6.1 mm  | 50   | 1814660000 |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5

## Modular distribution terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

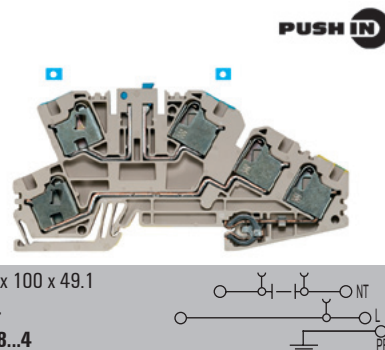
| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

### Accessories

| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## PDL 4 NT/L/PE

4 mm<sup>2</sup>


|                  |  |
|------------------|--|
| 5.1 x 100 x 49.1 |  |
| / 4              |  |
| 0.08...4         |  |

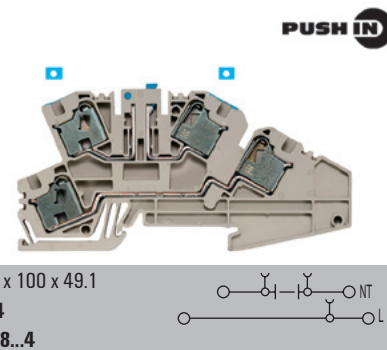
| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 400               | 300 (D)     | 300 (B)     |
| 20                | 10 (D)      | 20 (B)      |
| 4                 | AWG 28...10 | AWG 28...10 |
| 6 kV / 3          |             |             |
| A3 / V-0          |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4 |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...1.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| PDL 4/NT/L/PE | 50   | 1882620000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| Width           |         |      |            |
| PAP PDL4        | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2        | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75 |         | 1    | 9008370000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## PDL 4 NT/L

4 mm<sup>2</sup>


|                  |  |
|------------------|--|
| 5.1 x 100 x 49.1 |  |
| / 4              |  |
| 0.08...4         |  |

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 400               | 150 (C)     | 300 (B)     |
| 20                | 17 (C)      | 20 (B)      |
| 4                 | AWG 28...10 | AWG 28...10 |
| 6 kV / 3          |             |             |
| A3 / V-0          |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4 |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...1.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| PDL 4/NT/L | 50   | 1882600000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| Width           |         |      |            |
| PAP PDL4        | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2        | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75 |         | 1    | 9008370000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## Actuator and installation terminals

### Modular distribution terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

#### Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

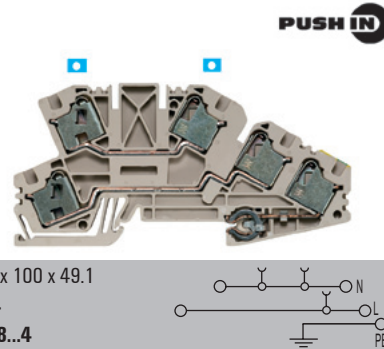
#### Accessories

| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### PDL 4 N/L/PE

4 mm<sup>2</sup>



|                  |  |
|------------------|--|
| 5.1 x 100 x 49.1 |  |
| / 4              |  |
| 0.08...4         |  |

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 400               | 300 (D)     | 300 (B)     |
| 32                | 10 (D)      | 20 (B)      |
| 4                 | AWG 28...10 | AWG 28...10 |
| 6 kV / 3          |             |             |
| A3 / V-0          |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4 |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...1.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

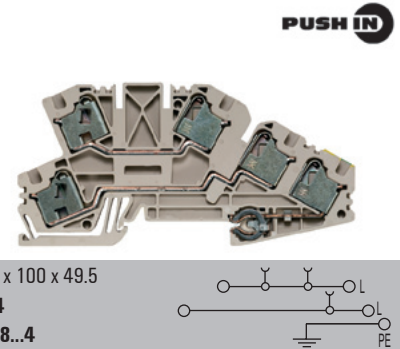
| Type         | Qty. | Order No.  |
|--------------|------|------------|
| PDL 4/N/L/PE | 50   | 1899180000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| Width           |         |      |            |
| PAP PDL4        | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2        | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75 |         | 1    | 9008370000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### PDL 4 L/L/PE

4 mm<sup>2</sup>



|                  |  |
|------------------|--|
| 5.1 x 100 x 49.5 |  |
| / 4              |  |
| 0.08...4         |  |

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 400               | 300 (D)     | 300 (B)     |
| 32                | 10 (D)      | 20 (B)      |
| 4                 | AWG 28...10 | AWG 28...10 |
| 6 kV / 3          |             |             |
| A3 / V-0          |             |             |
| Rated connection  |             |             |
| 0.5...4 / 1.5...4 |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 0.5...1.5         |             |             |
| 12 / 3.0 x 0.5 mm |             |             |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| PDL 4/L/L/PE | 50   | 1882610000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| Width           |         |      |            |
| PAP PDL4        | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2        | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75 |         | 1    | 9008370000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |



PDL 4 L/L

4 mm<sup>2</sup>



5.1 x 100 x 49.5  
/ 4  
0.08...4

| IEC                                                                                                                                                                                                                                                   | UL          | CSA         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                                                                                                                                                                                   | 150 (C)     | 300 (B)     |
| 32                                                                                                                                                                                                                                                    | 17 (C)      | 20 (B)      |
| 4                                                                                                                                                                                                                                                     | AWG 28...10 | AWG 28...10 |
| 6 kV / 3                                                                                                                                                                                                                                              |             |             |
| A3 / V-0                                                                                                                                                                                                                                              |             |             |
|    |             |             |
| Rated connection                                                                                                                                                                                                                                      |             |             |
| 0.5...4 / 1.5...4                                                                                                                                                                                                                                     |             |             |
| 0.5...4 / 0.5...4                                                                                                                                                                                                                                     |             |             |
| 0.5...1.5                                                                                                                                                                                                                                             |             |             |
| 12 / 3.0 x 0.5 mm                                                                                                                                                                                                                                     |             |             |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PDL 4/L/L | 50   | 1882590000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 2.5/2       | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3       | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4       | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10      | 24 A    | 20   | 1608940000 |
| Width           |         |      |            |
| PAP PDL4        | 1.5 mm  | 20   | 1883210000 |
| ZEW 35/2        | 8 mm    | 20   | 8630740000 |
| SDIS 0.4X2.5X75 |         | 1    | 9008370000 |

DEK 5/5

# The PRV and PPV marshalling- and potential distribution terminal blocks



product  
design award

2012



## The affordable and space-saving method for signal distribution and routing

Today's control systems are becoming increasingly more complex with higher and higher demands for the monitoring and capturing of operational data. These demands have resulted in a relentless growth in the number of field measuring devices. These trends pose new challenges to engineers.

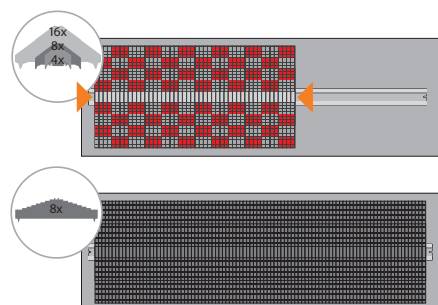
On one hand, the additional signals for the automation need to be connected and processed. On the other hand this means using up more space and increased costs.

These challenges can be simply dealt with using Weidmüller's new marshalling and distribution terminals. The PRV, with its PUSH IN wire connection, is the most compact marshalling terminal worldwide.

### Amazing space saving

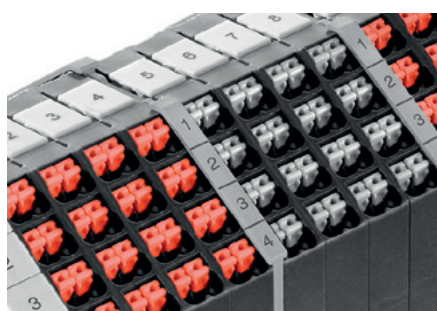
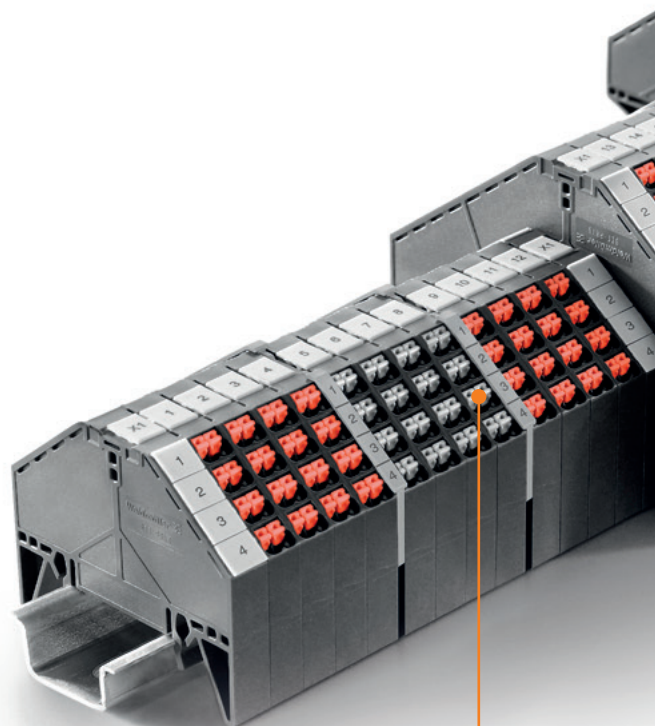
In comparison to conventional multi-tier terminals, the new marshalling- and potential distribution terminal blocks have a higher contact density.

Up to 50 % less space is used in the electrical cabinet with the optimised PRV design.



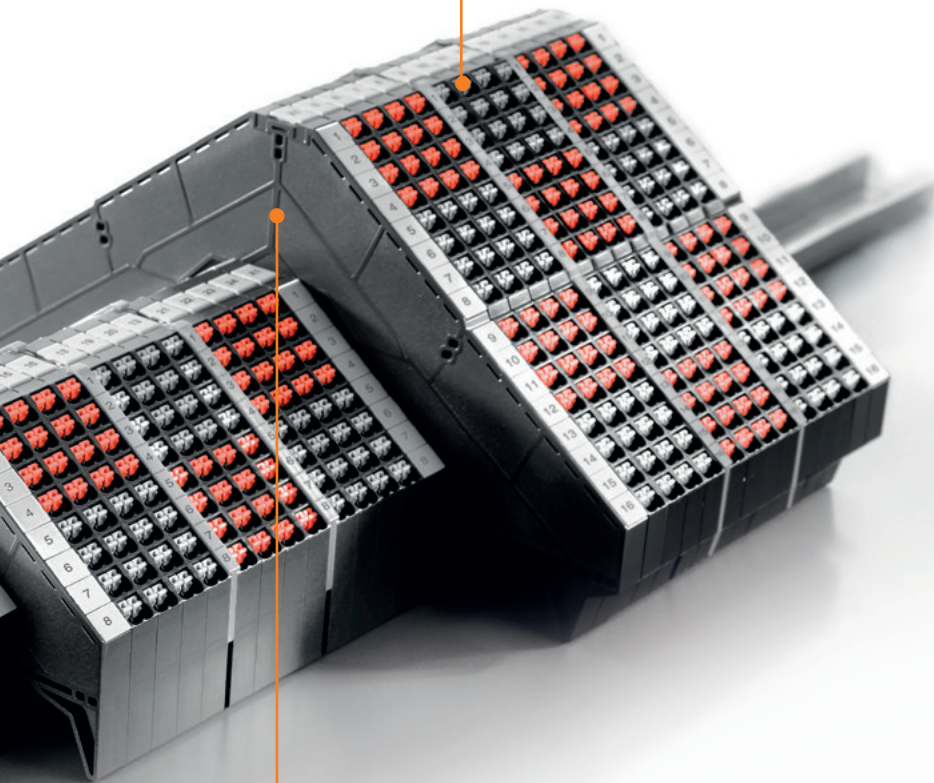
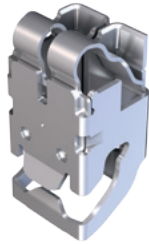
### Optimal orientation

Colour coding on the terminals provides for easy assignment of signals and clarity during extension work or maintenance.



### Compact and redundant

The PUSH IN double connection offers redundant connection, taking up minimal space.



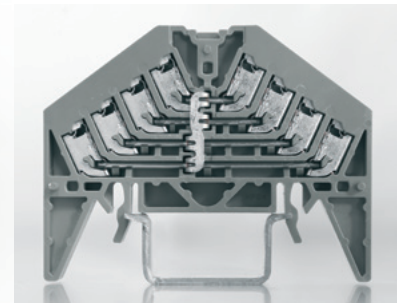
### Low contact resistance

The busbar's unique V-shape allows for varying expansion of materials and ensures low contact resistances.



### PPV power distribution terminal

For simple and safe potential distribution, the four-level and eight-level marshalling terminals are also available as potential distribution terminals.



### PUSH IN

**Simple** – The stripped wire is simply inserted into the terminal point, and a reliable, vibration proof, gas-tight connection is guaranteed.

**Safe** – The best designed connection method features high wire extraction forces and vibration resistance.



## Marshalling- and potential distribution terminal blocks

## PRV

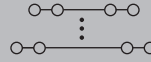
## PRV 4 RT

1.5 mm<sup>2</sup>

NEW



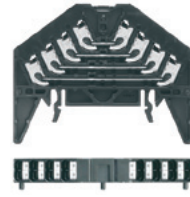
9.2 x 70 x  
13 / 1.5  
0.2...1.5



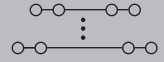
## PRV 4 WS

1.5 mm<sup>2</sup>

NEW



9.2 x 70 x  
13 / 1.5  
0.2...1.5



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                     |
|---------|---------------------|
|         | Black for TS 35x15  |
|         | Blue for TS 35x15   |
|         | Black for TS 35x7.5 |
|         | Blue for TS 35x7.5  |
| Note    |                     |

## Accessories

| End plate                  |                                  |
|----------------------------|----------------------------------|
|                            | black                            |
|                            | blue                             |
|                            | grey                             |
| Marker holder              |                                  |
|                            | Black for TS 35x15               |
|                            | Blue for TS 35x15                |
|                            | Black for TS 35x7.5              |
|                            | Blue for TS 35x7.5               |
| Partition plate            |                                  |
|                            | Unprinted                        |
|                            | Printed 0...3 or 0...7 or 0...15 |
|                            | Printed 1...4 or 1...8 or 1...16 |
|                            | Printed A...D or A...H or A...P  |
| End bracket                |                                  |
|                            | black                            |
| Screwdriver                |                                  |
|                            | Standard                         |
| Pluggable cross-connection |                                  |
|                            | 2-pole                           |

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 10                    | 10 (D)      | 10 (D)      |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3              |             |             |
| / V-0                 |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| PRV 4 SW 35X15 RT  | 20   | 1173810000 |
| PRV 4 BL 35X15 RT  | 20   | 1267890000 |
| PRV 4 SW 35X7.5 RT | 20   | 1173830000 |
| PRV 4 BL 35X7.5 RT | 20   | 1267900000 |
| RT = red actuators |      |            |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| PAP PRV/PPV4 SW     | 3 mm    | 10   | 1173750000 |
| PAP PRV/PPV4 BL     | 3 mm    | 10   | 1268010000 |
| PAP PRV/PPV4 GR     | 3 mm    | 10   | 1211450000 |
| BZT PRV4 SW 35X15   | 10.2 mm | 20   | 1173590000 |
| BZT PRV4 BL 35X15   | 10.2 mm | 20   | 1267980000 |
| BZT PRV4 SW 35X7.5  | 10.2 mm | 20   | 1173600000 |
| BZT PRV4 BL 35X7.5  | 10.2 mm | 20   | 1267990000 |
| TW PRV4             | 2 mm    | 10   | 1173700000 |
| TW PRV4 0-3         | 2 mm    | 10   | 1230060000 |
| TW PRV4 1-4         | 2 mm    | 10   | 1230050000 |
| TW PRV4 A-D         | 2 mm    | 10   | 1230070000 |
| ZEW 35/2 SW         | 8 mm    | 20   | 1162610000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| current             |         |      |            |
| SRC-I QV P          |         | 10   | 8870840000 |

IEC 60947-7-1, DIN EN 60079

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 10                    | 10 (D)      | 10 (D)      |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3              |             |             |
| / V-0                 |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| PRV 4 SW 35X15 WS    | 20   | 1173820000 |
| PRV 4 BL 35X15 WS    | 20   | 1173920000 |
| PRV 4 SW 35X7.5 WS   | 20   | 1173840000 |
| PRV 4 BL 35X7.5 WS   | 20   | 1173930000 |
| WS = white actuators |      |            |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| PAP PRV/PPV4 SW     | 3 mm    | 10   | 1173750000 |
| PAP PRV/PPV4 BL     | 3 mm    | 10   | 1268010000 |
| PAP PRV/PPV4 GR     | 3 mm    | 10   | 1211450000 |
| BZT PRV4 SW 35X15   | 10.2 mm | 20   | 1173590000 |
| BZT PRV4 BL 35X15   | 10.2 mm | 20   | 1267980000 |
| BZT PRV4 SW 35X7.5  | 10.2 mm | 20   | 1173600000 |
| BZT PRV4 BL 35X7.5  | 10.2 mm | 20   | 1267990000 |
| TW PRV4             | 2 mm    | 10   | 1173700000 |
| TW PRV4 0-3         | 2 mm    | 10   | 1230060000 |
| TW PRV4 1-4         | 2 mm    | 10   | 1230050000 |
| TW PRV4 A-D         | 2 mm    | 10   | 1230070000 |
| ZEW 35/2 SW         | 8 mm    | 20   | 1162610000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| current             |         |      |            |
| SRC-I QV P          |         | 10   | 8870840000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

|            |
|------------|
| WS 7.8/9.2 |
|------------|

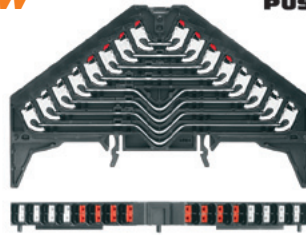
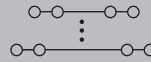
|            |
|------------|
| WS 7.8/9.2 |
|------------|

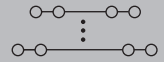
## PRV

### PRV 8 RT/WS

1.5 mm<sup>2</sup>

### PRV 8 WS/RT

1.5 mm<sup>2</sup>
**NEW**
**PUSH IN**

9.2 x 120 x  
10 / 1.5  
0.2...1.5

**NEW**
**PUSH IN**

9.2 x 120 x  
10 / 1.5  
0.2...1.5


In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 8                     | 10 (D)      | 10 (D)      |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3              |             |             |
| / V-0                 |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |
| Note                  |             |             |

IEC 60947-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 8                     | 10 (D)      | 10 (D)      |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3              |             |             |
| / V-0                 |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |
| Note                  |             |             |

### Ordering data

| Version             |  |
|---------------------|--|
| Black for TS 35x15  |  |
| Blue for TS 35x15   |  |
| Black for TS 35x7.5 |  |
| Blue for TS 35x7.5  |  |
| Note                |  |

| Type                                       | Qty. | Order No.  |
|--------------------------------------------|------|------------|
| PRV 8 SW 35X15 RT/WS                       | 20   | 1173740000 |
| PRV 8 BL 35X15 RT/WS                       | 20   | 1267830000 |
| PRV 8 SW 35X7.5 RT/WS                      | 20   | 1173790000 |
| PRV 8 BL 35X7.5 RT/WS                      | 20   | 1267840000 |
| RT = red actuators<br>WS = white actuators |      |            |

| Type                                       | Qty. | Order No.  |
|--------------------------------------------|------|------------|
| PRV 8 SW 35X15 WS/RT                       | 20   | 1173780000 |
| PRV 8 BL 35X15 WS/RT                       | 20   | 1173900000 |
| PRV 8 SW 35X7.5 WS/RT                      | 20   | 1173800000 |
| PRV 8 BL 35X7.5 WS/RT                      | 20   | 1173910000 |
| RT = red actuators<br>WS = white actuators |      |            |

### Accessories

| End plate                        |  |
|----------------------------------|--|
| black                            |  |
| blue                             |  |
| grey                             |  |
| Marker holder                    |  |
| Black for TS 35x15               |  |
| Blue for TS 35x15                |  |
| Black for TS 35x7.5              |  |
| Blue for TS 35x7.5               |  |
| Partition plate                  |  |
| Unprinted                        |  |
| Printed 0...3 or 0...7 or 0...15 |  |
| Printed 1...4 or 1...8 or 1...16 |  |
| Printed A...D or A...H or A...P  |  |
| End bracket                      |  |
| black                            |  |
| Screwdriver                      |  |
| Standard                         |  |
| Pluggable cross-connection       |  |
| 2-pole                           |  |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| PAP PRV/PPV8 SW     | 3 mm    | 10   | 1173720000 |
| PAP PRV/PPV8 BL     | 3 mm    | 10   | 1268000000 |
| PAP PRV/PPV8 GR     | 3 mm    | 10   | 1211460000 |
| BZT PRV8 SW 35X15   | 10.2 mm | 20   | 1173570000 |
| BZT PRV8 BL 35X15   | 10.2 mm | 20   | 1267950000 |
| BZT PRV8 SW 35X7.5  | 10.2 mm | 20   | 1173580000 |
| BZT PRV8 BL 35X7.5  | 10.2 mm | 20   | 1267970000 |
| TW PRV8             | 2 mm    | 10   | 1173670000 |
| TW PRV8 0-7         | 2 mm    | 10   | 1230090000 |
| TW PRV8 1-8         | 2 mm    | 10   | 1230080000 |
| TW PRV8 A-H         | 2 mm    | 10   | 1230110000 |
| ZEW 35/2 SW         | 8 mm    | 20   | 1162610000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| SRC-I QV P          |         | 10   | 8870840000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| PAP PRV/PPV8 SW     | 3 mm    | 10   | 1173720000 |
| PAP PRV/PPV8 BL     | 3 mm    | 10   | 1268000000 |
| PAP PRV/PPV8 GR     | 3 mm    | 10   | 1211460000 |
| BZT PRV8 SW 35X15   | 10.2 mm | 20   | 1173570000 |
| BZT PRV8 BL 35X15   | 10.2 mm | 20   | 1267950000 |
| BZT PRV8 SW 35X7.5  | 10.2 mm | 20   | 1173580000 |
| BZT PRV8 BL 35X7.5  | 10.2 mm | 20   | 1267970000 |
| TW PRV8             | 2 mm    | 10   | 1173670000 |
| TW PRV8 0-7         | 2 mm    | 10   | 1230090000 |
| TW PRV8 1-8         | 2 mm    | 10   | 1230080000 |
| TW PRV8 A-H         | 2 mm    | 10   | 1230110000 |
| ZEW 35/2 SW         | 8 mm    | 20   | 1162610000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| SRC-I QV P          |         | 10   | 8870840000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Marking tags           |                                 |
| Note                   |                                 |

| WS 7.8/9.2 |  |
|------------|--|
| Note       |  |

| WS 7.8/9.2 |  |
|------------|--|
| Note       |  |



## Marshalling- and potential distribution terminal blocks

## PRV

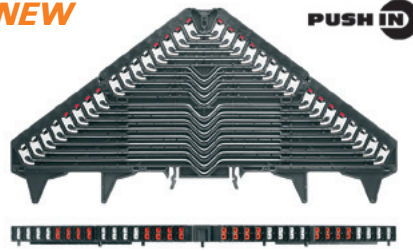
## PRV 16 RT/WS

1.5 mm<sup>2</sup>

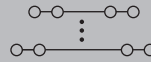
## PRV 16 WS/RT

1.5 mm<sup>2</sup>

NEW



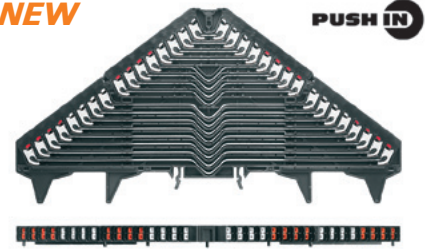
9.2 x 225 x  
11 / 1.5  
0.2...1.5



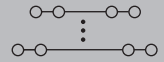
IEC 60947-7-1, DIN EN 60079

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 6                     | 1 (D)       | 1 (D)       |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3 / V-0        |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

NEW



9.2 x 225 x  
11 / 1.5  
0.2...1.5



IEC 60947-7-1, DIN EN 60079

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 6                     | 1 (D)       | 1 (D)       |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3 / V-0        |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                     |
|---------|---------------------|
|         | Black for TS 35x15  |
|         | Blue for TS 35x15   |
|         | Black for TS 35x7.5 |
|         | Blue for TS 35x7.5  |

## Note

| Type                                       | Qty. | Order No.  |
|--------------------------------------------|------|------------|
| PRV 16 SW 35X15 RT/WS                      | 20   | 1173620000 |
| PRV 16 BL 35X15 RT/WS                      | 20   | 1267790000 |
| PRV 16 SW 35X7.5 RT/WS                     | 20   | 1173680000 |
| PRV 16 BL 35X7.5 RT/WS                     | 20   | 1267810000 |
| RT = red actuators<br>WS = white actuators |      |            |

| Type                                       | Qty. | Order No.  |
|--------------------------------------------|------|------------|
| PRV 16 SW 35X15 WS/RT                      | 20   | 1173650000 |
| PRV 16 BL 35X15 WS/RT                      | 20   | 1267800000 |
| PRV 16 SW 35X7.5 WS/RT                     | 20   | 1173710000 |
| PRV 16 BL 35X7.5 WS/RT                     | 20   | 1267820000 |
| RT = red actuators<br>WS = white actuators |      |            |

## Accessories

| End plate                  |                                  |
|----------------------------|----------------------------------|
|                            | black                            |
|                            | blue                             |
|                            | grey                             |
| Marker holder              |                                  |
|                            | Black for TS 35x15               |
|                            | Blue for TS 35x15                |
|                            | Black for TS 35x7.5              |
|                            | Blue for TS 35x7.5               |
| Partition plate            |                                  |
|                            | Unprinted                        |
|                            | Printed 0...3 or 0...7 or 0...15 |
|                            | Printed 1...4 or 1...8 or 1...16 |
|                            | Printed A...D or A...H or A...P  |
| End bracket                |                                  |
|                            | black                            |
| Screwdriver                |                                  |
|                            | Standard                         |
| Pluggable cross-connection |                                  |
|                            | 2-pole                           |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| BZT PRV16 SW 35X15  | 10.2 mm | 20   | 1173540000 |
| BZT PRV16 BL 35X15  | 10.2 mm | 20   | 1267930000 |
| BZT PRV16 SW 35X7.5 | 10.2 mm | 20   | 1173550000 |
| BZT PRV16 BL 35X7.5 | 10.2 mm | 20   | 1267940000 |
| TW PRV16            | 2 mm    | 10   | 1173630000 |
| TW PRV16 0-15       | 2 mm    | 10   | 1230130000 |
| TW PRV16 1-16       | 2 mm    | 10   | 1230120000 |
| TW PRV16 A-P        | 2 mm    | 10   | 1230140000 |
| WEW 35/1 SW         | 12 mm   | 50   | 1162600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| current             |         |      |            |
| SRC-I QV P          |         | 10   | 8870840000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| BZT PRV16 SW 35X15  | 10.2 mm | 20   | 1173540000 |
| BZT PRV16 BL 35X15  | 10.2 mm | 20   | 1267930000 |
| BZT PRV16 SW 35X7.5 | 10.2 mm | 20   | 1173550000 |
| BZT PRV16 BL 35X7.5 | 10.2 mm | 20   | 1267940000 |
| TW PRV16            | 2 mm    | 10   | 1173630000 |
| TW PRV16 0-15       | 2 mm    | 10   | 1230130000 |
| TW PRV16 1-16       | 2 mm    | 10   | 1230120000 |
| TW PRV16 A-P        | 2 mm    | 10   | 1230140000 |
| WEW 35/1 SW         | 12 mm   | 50   | 1162600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| current             |         |      |            |
| SRC-I QV P          |         | 10   | 8870840000 |

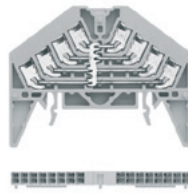
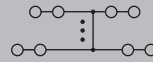
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## PPV

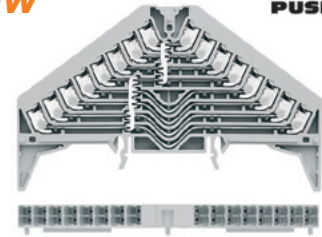
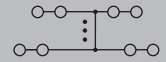
## PPV 4

1.5 mm<sup>2</sup>
**NEW**
**PUSH IN**

9.2 x 70 x  
/ 1.5  
0.2...1.5


IEC 60947-7-1, DIN EN 60079

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 17.5                  | 10 (D)      | 10 (D)      |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3              |             |             |
| / V-0                 |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

## PPV 8

1.5 mm<sup>2</sup>
**NEW**
**PUSH IN**

9.2 x 120 x  
/ 1.5  
0.2...1.5


| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 250                   | 300 (D)     | 300 (D)     |
| 17.5                  | 10 (D)      | 10 (D)      |
| 1.5                   | AWG 26...16 | AWG 26...16 |
| 4 kV / 3              |             |             |
| / V-0                 |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 0.2...1.5 / 0.2...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Twin wire-end ferrule                                | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Version            |  |
|--------------------|--|
| Blue for TS 35x15  |  |
| Grey for TS 35x15  |  |
| Blue for TS 35x7.5 |  |
| Grey for TS 35x7.5 |  |
| Note               |  |

### Accessories

| End plate                        |  |
|----------------------------------|--|
| black                            |  |
| blue                             |  |
| grey                             |  |
| Marker holder                    |  |
| Black for TS 35x15               |  |
| Blue for TS 35x15                |  |
| Black for TS 35x7.5              |  |
| Blue for TS 35x7.5               |  |
| Partition plate                  |  |
| Unprinted                        |  |
| Printed 0...3 or 0...7 or 0...15 |  |
| Printed 1...4 or 1...8 or 1...16 |  |
| Printed A...D or A...H or A...P  |  |
| End bracket                      |  |
| black                            |  |
| Screwdriver                      |  |
| Standard                         |  |
| Pluggable cross-connection       |  |
| 2-pole                           |  |

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| PPV 4 BL 35X15 DGR        | 20   | 1267910000 |
| PPV 4 GR 35X15 DGR        | 20   | 1173880000 |
| PPV 4 BL 35X7.5 DGR       | 20   | 1267920000 |
| PPV 4 GR 35X7.5 DGR       | 20   | 1173890000 |
| DRG = dark grey actuators |      |            |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| PAP PRV/PPV4 SW     | 3 mm    | 10   | 1173750000 |
| PAP PRV/PPV4 BL     | 3 mm    | 10   | 1268010000 |
| PAP PRV/PPV4 GR     | 3 mm    | 10   | 1211450000 |
| BZT PRV4 SW 35X15   | 10.2 mm | 20   | 1173590000 |
| BZT PRV4 BL 35X15   | 10.2 mm | 20   | 1267980000 |
| BZT PRV4 SW 35X7.5  | 10.2 mm | 20   | 1173600000 |
| BZT PRV4 BL 35X7.5  | 10.2 mm | 20   | 1267990000 |
| TW PRV4             | 2 mm    | 10   | 1173700000 |
| TW PRV4 0-3         | 2 mm    | 10   | 1230060000 |
| TW PRV4 1-4         | 2 mm    | 10   | 1230050000 |
| TW PRV4 A-D         | 2 mm    | 10   | 1230070000 |
| ZEW 35/2 SW         | 8 mm    | 20   | 1162610000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| SRC-I QV P          | current | 10   | 8870840000 |

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| PPV 8 BL 35X15 DGR        | 20   | 1267870000 |
| PPV 8 GR 35X15 DGR        | 20   | 1173850000 |
| PPV 8 BL 35X7.5 DGR       | 20   | 1267880000 |
| PPV 8 GR 35X7.5 DGR       | 20   | 1173870000 |
| DRG = dark grey actuators |      |            |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| PAP PRV/PPV8 SW     | 3 mm    | 10   | 1173720000 |
| PAP PRV/PPV8 BL     | 3 mm    | 10   | 1268000000 |
| PAP PRV/PPV8 GR     | 3 mm    | 10   | 1211460000 |
| BZT PRV8 SW 35X15   | 10.2 mm | 20   | 1173570000 |
| BZT PRV8 BL 35X15   | 10.2 mm | 20   | 1267950000 |
| BZT PRV8 SW 35X7.5  | 10.2 mm | 20   | 1173580000 |
| BZT PRV8 BL 35X7.5  | 10.2 mm | 20   | 1267970000 |
| TW PRV8             | 2 mm    | 10   | 1173670000 |
| TW PRV8 0-7         | 2 mm    | 10   | 1230090000 |
| TW PRV8 1-8         | 2 mm    | 10   | 1230080000 |
| TW PRV8 A-H         | 2 mm    | 10   | 1230110000 |
| ZEW 35/2 SW         | 8 mm    | 20   | 1162610000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| SRC-I QV P          | current | 10   | 8870840000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Marking tags           |                                 |
| Note                   |                                 |

|            |
|------------|
| WS 7.8/9.2 |
|------------|

|            |
|------------|
| WS 7.8/9.2 |
|------------|

16 level terminals with  
Pushers in white and red  
PRV 16 SW 35X7.5 WS/RT

Marker  
WS7.8/9.2 PLUS MC GR

16 level terminals with  
Pushers in red and white  
PRV 16 SW 35X7.5 RT/WS

End bracket in black  
WEW 35/1 SW

Mounting rail  
Type TS35, 7.5 mm high

Printed partition plate  
TW PRV 1-16

Marker carrier BZT PRV 16 SW 35X7.5  
Marker WS7.8/9.2 PLUS MC GR

#### Technical data

| Partition plate | Type          | Order No.  |
|-----------------|---------------|------------|
| unprinted       | TW PRV4       | 1173700000 |
| unprinted       | TW PRV8       | 1173670000 |
| unprinted       | TW PRV16      | 1173630000 |
| printed 0...3   | TW PRV4 0-3   | 1230060000 |
| printed 0...7   | TW PRV8 0-7   | 1230090000 |
| printed 0...15  | TW PRV16 0-15 | 1230130000 |
| printed 1...4   | TW PRV4 1-4   | 1230050000 |
| printed 1...8   | TW PRV8 1-8   | 1230080000 |
| printed 1...16  | TW PRV16 1-16 | 1230120000 |
| printed A...D   | TW PRV4 A-D   | 1230070000 |
| printed A...H   | TW PRV8 A-H   | 1230110000 |
| printed A...P   | TW PRV16 A-P  | 1230140000 |





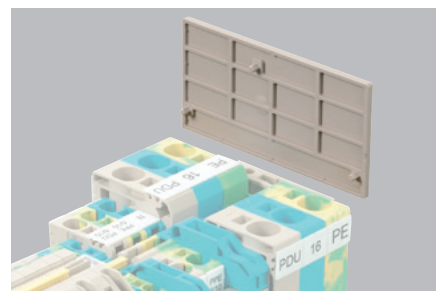
## Extra functions

### Introduction

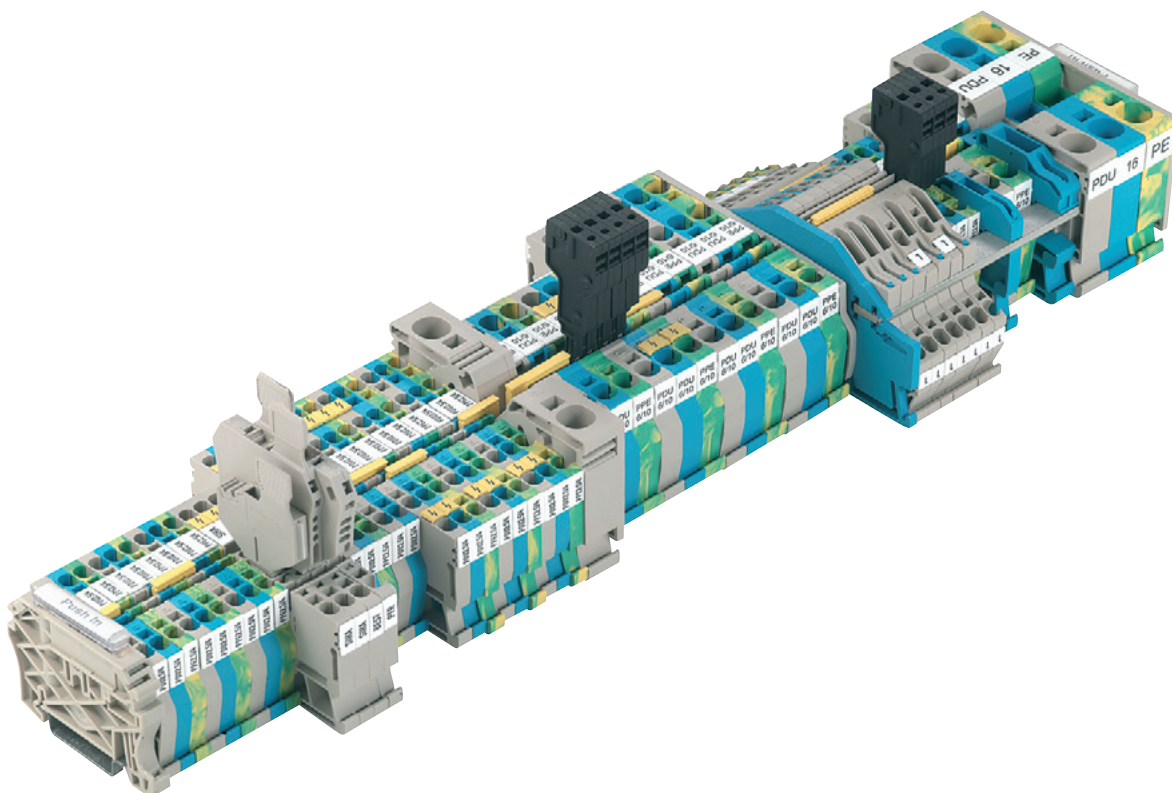
The accessories for our other ranges of modular terminals can also be used with the P-Series in order to reduce the number of variations. The use of accessories enables users to adapt and mould the terminals, to perfectly match the needs of their application. All Weidmüller accessories are built to the same high-quality standards as the terminals themselves.

### Retaining and end plates

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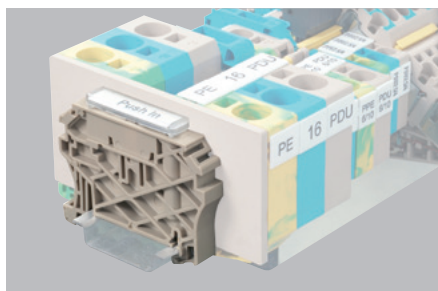


End plates cover the open side of the terminals. This ensures touch protection for fingers and hands. Retaining plates, which for the P-Series also function as end plates, must be positioned every 200 mm when using the 10 x 3 busbar.



**Fastening**

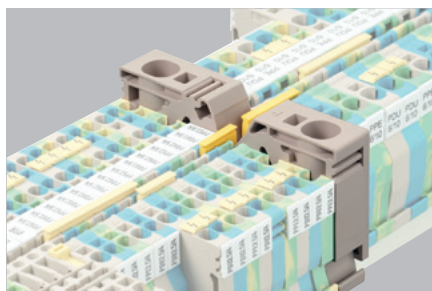
Chapter F



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

**Electrical supply**

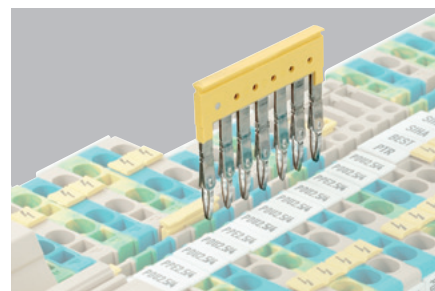
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There are three options for supplying power to the Weidmüller PUSH IN modular terminals: the **PEI 16** supply terminals, the PDU 6/10 or the PDU 2.5/4 feed-through terminal. The input current is split into several output currents by means of cross-connections. A 16 mm<sup>2</sup> conductor carries the incoming supply, which is distributed to the neighbouring terminals with cross-sections from 0.5 to 10 mm<sup>2</sup>.

**Electrical distribution**

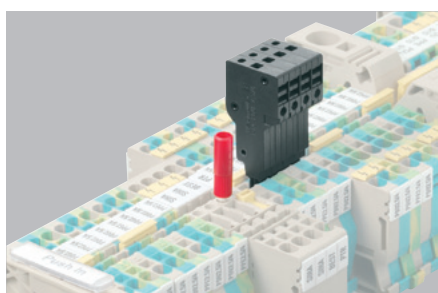
Page B.48



A pluggable **cross-connection system (ZQV)** is available for all P-Series terminals. The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be transmitted across the cross-section, depending on the rated voltage of the terminal.

**Testing / checking**

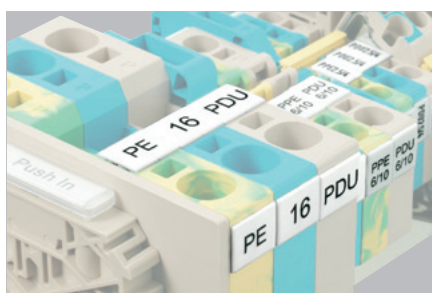
Page B.50



The plug-in **test adapter (PTA)** is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient testing of assembled terminals. It is simply clipped into the cross-connection channel of the terminal. This ensures that it makes contact with the busbar carrying the current.

**Marking**

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Weidmüller's identification systems in **chapter F** are used to mark PUSH IN technology terminals. Individual terminals, groups of terminals and cables or conductors can be marked. Marker strips are available for every size of terminal, which means that several terminals can be marked together.

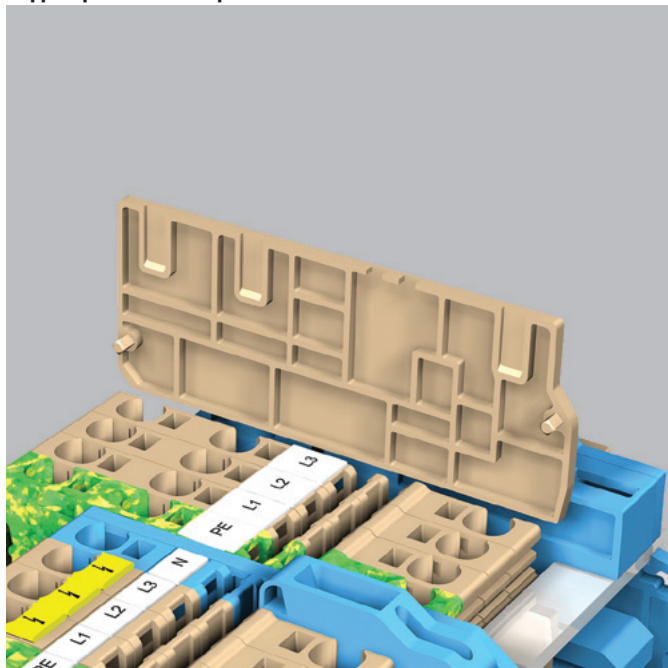
**Connecting**

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The PUSH IN connection saves time and requires solid single-core wires or wire-end ferrules. Ferrules have well-established installation advantages. In addition, they guarantee an electrical connection of permanent and consistent quality. By using twin ferrules, it is possible to connect two wires in one terminal point.

## Support plates and end plates



## Touch-safe protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a PAP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals have touch protection.

## Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used, for example, when cross-connections are used side-by-side.

## Contour matching

The outer dimensions of the end plates match the external dimensions of the associated terminal.

## Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

## Ordering data

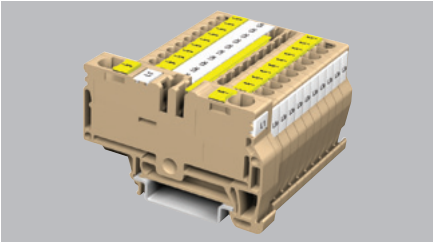
| Type                | Colour     | Qty. | Order No.  | For terminal:         |
|---------------------|------------|------|------------|-----------------------|
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PRV/PPV8 SW     | black      | 10   | 1173720000 | PRV 8                 |
| PAP PRV/PPV8 GR     | grey       | 10   | 1211460000 | PPV 8                 |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PRV/PPV4 SW     | black      | 10   | 1173750000 | PRV 4                 |
| PAP PRV/PPV4 GR     | grey       | 10   | 1211450000 | PPV 4                 |
| PAP PRV/PPV4 BL     | blue       | 10   | 1268010000 |                       |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP 2.5/4           | dark beige | 50   | 1896300000 | PDU 2.5/4             |
| PAP 2.5/4 BL        | blue       | 50   | 1049210000 | PDU 2.5/4 BL          |
|                     |            |      |            | PNT 2.5/4             |
|                     |            |      |            | PPE 2.5/4             |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP 2.5/4/3AN       | dark beige | 50   | 1896480000 | PDU 2.5/4 3AN         |
| PAP 2.5/4/3AN BL    | blue       | 50   | 1052300000 | PDU 2.5/4 3AN BL      |
|                     |            |      |            | PPE 2.5/4 3AN         |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP 2.5/4/4AN       | dark beige | 50   | 1896320000 | PDU 2.5/4 2x2         |
| PAP 2.5/4/4AN BL    | blue       | 50   | 1052290000 | PDU 2.5/4 4AN         |
|                     |            |      |            | PDU 2.5/4 4AN BL      |
|                     |            |      |            | PPE 2.5/4 4AN         |
| <b>Width 2.7 mm</b> |            |      |            |                       |
| PAP PDU16S          | dark beige | 10   | 1139910000 | PDU 16S               |
|                     |            |      |            | PPE 16S               |
| <b>Width 1 mm</b>   |            |      |            |                       |
| PAP PMAK 4          | dark beige | 20   | 1221360000 | PMAK 4                |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP 16              | dark beige | 10   | 1896290000 | PDU 16                |
|                     |            |      |            | PDU 16 BL             |
|                     |            |      |            | PPE 16                |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PDU6/10         | dark beige | 20   | 1896330000 | PDU 6/10              |
| PAP PDU6/10 BL      | blue       | 50   | 1049200000 | PDU 6/10 BL           |
|                     |            |      |            | PPE 6/10              |
|                     |            |      |            | PPE 6/10 3AN          |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PDU6/10/3AN     | dark beige | 20   | 1896340000 | PDU 6/10 3AN          |
|                     |            |      |            | PDU 6/10 3AN BL       |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PTR2.5/4        | dark beige | 20   | 1934680000 | PTR2.5/4              |
|                     |            |      |            | PTR 2.5/4 0 TNHE      |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PTR2.5/4/3AN    | dark beige | 20   | 1934690000 | PTR 2.5/4 3AN         |
|                     |            |      |            | PTR 2.5/4 3AN 0 TNHE  |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PTR2.5/4/4AN    | dark beige | 20   | 1934700000 | PTR 2.5/4 4AN         |
|                     |            |      |            | PTR 2.5/4 4AN 0 TNHE  |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PDK 2.5/4       | dark beige | 20   | 1919720000 | PDK 2.5/4             |
|                     |            |      |            | PDK 2.5/4 BL          |
|                     |            |      |            | PDK 2.5/4 PE          |
|                     |            |      |            | PDK 2.5/4L-PE         |
|                     |            |      |            | PDK 2.5/4N-L          |
|                     |            |      |            | PDK 2.5/4V            |
|                     |            |      |            | PDK 2.5/4V BL         |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PDL4            | dark beige | 20   | 1883210000 | PDL 4 L/L             |
|                     |            |      |            | PDL 4 L/L/PE          |
|                     |            |      |            | PDL 4 N/L/PE          |
|                     |            |      |            | PDL 4 NT/L            |
|                     |            |      |            | PDL 4 NT/L/PE         |
|                     |            |      |            | PDL 4/TR/DU/PE        |
|                     |            |      |            | PDL 4/TR/DU           |
|                     |            |      |            | PDL 4/TR/DU 0 TNHE    |
|                     |            |      |            | PDL 4/TR/DU/PE 0 TNHE |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PDL4S           | dark beige | 20   | 1837070000 | PDL4 S/NT/L/PE        |
|                     |            |      |            | PDL4 S/L/L            |
|                     |            |      |            | PDL4 S/L              |
|                     |            |      |            | PDL4 S/N/L/PE         |
|                     |            |      |            | PDL4 S/N/L            |
|                     |            |      |            | PDL4 S/N              |
|                     |            |      |            | PDL4 S/L/L/PE         |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PHP PNT 2.5/4       | blue       | 20   | 1896390000 | PNT 2.5/4             |
| PHP PNT 2.5/4 SO*   | blue       | 20   | 1916790000 |                       |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PHP PNT 6/10        | blue       | 10   | 1896100000 | PNT 6/10              |
| PHP PNT 6/10 SO*    | blue       | 10   | 1919710000 |                       |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PHP PNT16           | blue       | 10   | 1896380000 | PNT 16                |
| PHP PNT16 SO*       | blue       | 10   | 1919690000 |                       |
| <b>Width 3 mm</b>   |            |      |            |                       |
| PAP PTL/PSI 6/10    | dark beige | 20   | 1165320000 | PSI 6/10              |
| PAP PTL/PSI 6/10 SW | black      | 20   | 1165330000 | PTL 6/10              |
|                     |            |      |            | PTD 6/10              |

\*) For a vertical installation position

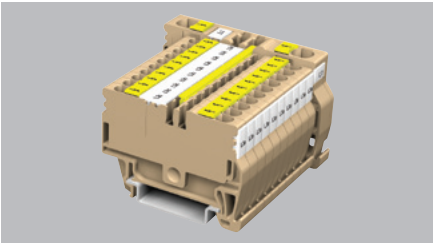
Feeding with standard terminals

Using standard terminals for the supply is ideal because the feed-through terminals of the P-Series exhibit a very wide clamping range.

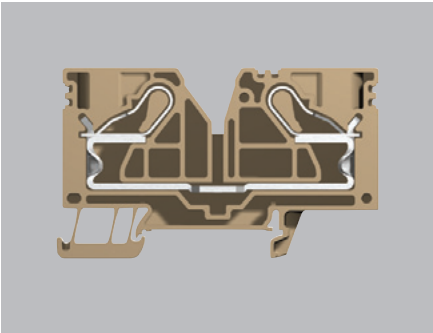
Left-hand feed



Right-hand feed



Feed terminal PEI 16



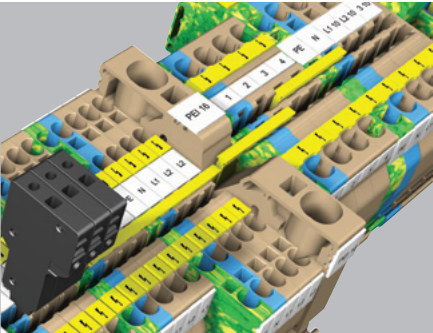
A supply cable with a cross-section of up to 25 mm<sup>2</sup> is possible with the PEI 16 feed terminal. Standard cross-connections are used to distribute the current to any number of terminals with a smaller cross-section.

The table on the right shows a number of variations for distributing the current with the cross-connection specified.

Feed options and cross-connections to be used

| Feed terminal | Output terminal | Cross-connection | Left-hand feed | Right-hand feed |
|---------------|-----------------|------------------|----------------|-----------------|
| PDU 2.5/4     | PDU 2.5/4       | ZQV 2.5/...      | •              | •               |
|               | PDU 2.5/4/3AN   | ZQV 2.5/...      | •              |                 |
|               | PDU 2.5/4/4AN   | ZQV 2.5/...      | •              |                 |
|               | PTR 2.5/4       | ZQV 2.5/...      | •              |                 |
| PDU 2.5/4/3AN | PDU 2.5/4       | ZQV 2.5/...      |                | •               |
|               | PDU 2.5/4/3AN   | ZQV 2.5/...      | •              | •               |
|               | PDU 2.5/4/4AN   | ZQV 2.5/...      | •              |                 |
| PDU 2.5/4/4AN | PDU 2.5/4       | ZQV 2.5/...      |                | •               |
|               | PDU 2.5/4/3AN   | ZQV 2.5/...      |                | •               |
|               | PDU 2.5/4/4AN   | ZQV 2.5/...      | •              | •               |
| PTR 2.5/4     | PKD 2.5/4       | ZQV 2.5/...      | •              |                 |
| PDU 6/10      | PDU 2.5/4       | ZQV 2.5/...      |                | •               |
|               | PDU 2.5/4/4AN   | ZQV 2.5/...      | •              |                 |
|               | PDU 6/10        | ZQV 6N/...       | •              | •               |
|               | PDU 6/10/3AN    | ZQV 6N/...       | •              |                 |
|               | PTR 2.5/4       | ZQV 2.5/...      |                | •               |
| PDU 6/10/3AN  | PDU 2.5/4       | ZQV 2.5/...      |                | •               |
|               | PDU 2.5/4/3AN   | ZQV 2.5/...      |                | •               |
|               | PDU 6/10        | ZQV 6N/...       | •              |                 |
|               | PDU 6/10/3AN    | ZQV 6N/...       | •              | •               |
|               | PTR 2.5/4       | ZQV 2.5/...      |                | •               |

Output possible on left and right

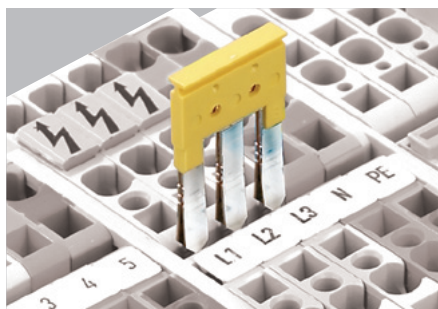


Output options and cross-connections to be used

| Feed terminal | Output terminal | Cross-connection | Left-hand feed | Right-hand feed |
|---------------|-----------------|------------------|----------------|-----------------|
| PEI 16        | PDU 2.5/4       | ZQV 2.5/...      | •              | •               |
|               | PDU 2.5/4/3AN   | ZQV 2.5/...      | •              | •               |
|               | PDU 2.5/4/4AN   | ZQV 2.5/...      | •              | •               |
|               | PTR 2.5/4       | ZQV 2.5/...      |                | •               |
|               | PDU 6/10        | ZQV 6N...        | •              | •               |
|               | PDU 6/10 3AN    | ZQV 6N...        | •              | •               |



### Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection combs for terminals, featuring PUSH IN technology.

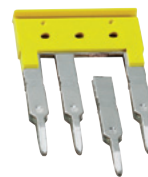
- **ZQV 2.5** as 2- to 10-pole combs and ZQV2.5/20 – continuous (20-pole)
- **ZQV 6/N** as 2- to 4-pole combs and ZQV6N/20 – continuous (24-pole)
- **ZQV 16/2** as 2-pole comb (link)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

### Breaking out contact elements

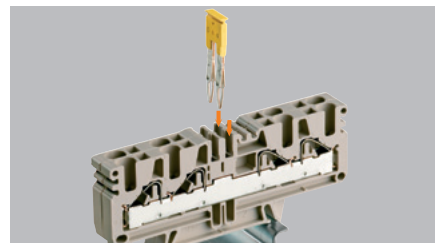
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.



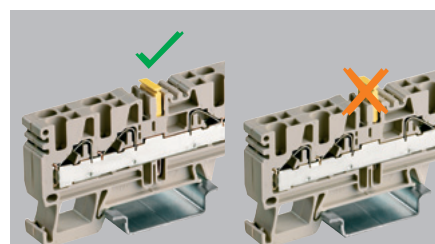
### Fitting and changing cross-connections

The fitting and changing of cross-connections is a trouble-free and fast operation:

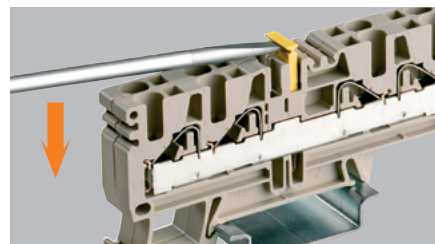
- Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

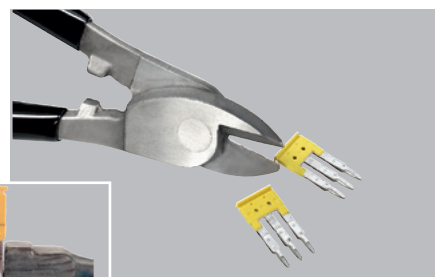


- Remove a cross-connection by simply prising it out with a screwdriver.



### Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.

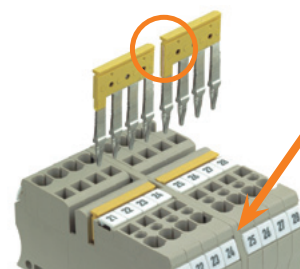


#### Caution:

Contact elements must not be deformed!

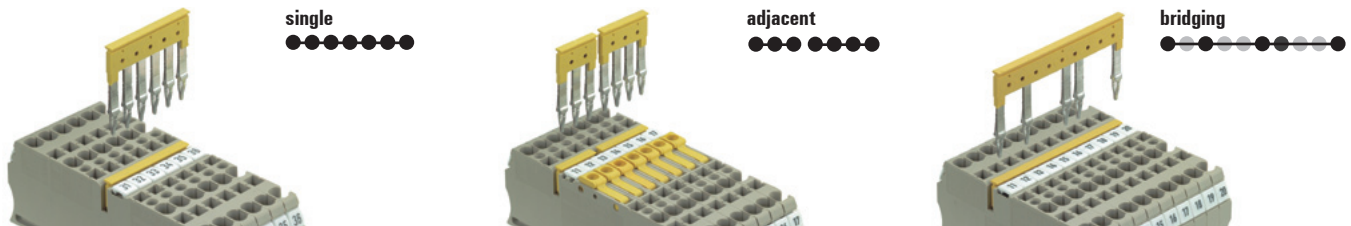


If the user shortens the cross-connections it is necessary to use end plates with the terminals in order to maintain the rated voltage of 250 V (at the bare, cut edges of the cross-connection).

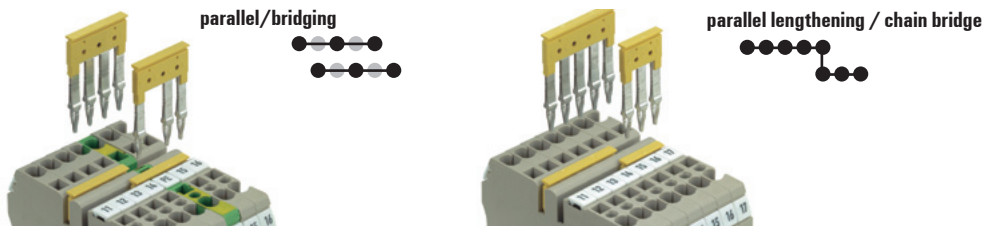


## Possible combinations

## In one cross-connection channel



## In two cross-connection channels



## Possible cross-connections of terminals of the same type with corresponding cross-connectors

| Terminal type      | Cross-connection | single | adjacent | bridging | parallel bridging | chain bridge parallel/lengthening |
|--------------------|------------------|--------|----------|----------|-------------------|-----------------------------------|
| Standard terminals |                  |        |          |          |                   |                                   |
| PDU 2.5/4          | ZQV 2.5/...      | •      | •        | •        | •                 | •                                 |
| PDU 2.5/4/3AN      | ZQV 2.5/...      | •      | •        | •        | •                 | •                                 |
| PDU 2.5/4/4AN      | ZQV 2.5/...      | •      | •        | •        | •                 | •                                 |
| PDU 6/10           | ZQV 6N/...       | •      | •        | •        | •                 | •                                 |
| PDU 6/10/3AN       | ZQV 6N/...       | •      | •        | •        | •                 | •                                 |
| PDU 16             | ZQV 16/2         | •      | •        |          |                   | •                                 |

The ZQV 2.5/20 cross-connector allows you to easily and separately connect up to 20 terminals with each other.

The electrician can cut off the required amount of contact elements from the continuous 20-pole cross-connection comb.

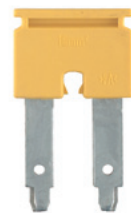
## ZQV 2.5



## ZQV 6 N



## ZQV 16/2



| Technical data |         | 24 / 24              | 57                   | 76 / 76              |
|----------------|---------|----------------------|----------------------|----------------------|
| Rated current  | A       |                      |                      |                      |
| Ordering data  |         |                      |                      |                      |
|                | 2-pole  | Type                 | Type                 | Type                 |
|                | 3-pole  | ZQV 2.5/2            | ZQV 6N/2             | ZQV 16/2             |
|                | 4-pole  | ZQV 2.5/3            | ZQV 6N/3             | Qty. 25              |
|                | 5-pole  | ZQV 2.5/4            | ZQV 6N/4             | Order No. 1739690000 |
|                | 6-pole  | ZQV 2.5/5            |                      |                      |
|                | 7-pole  | ZQV 2.5/6            |                      |                      |
|                | 8-pole  | ZQV 2.5/7            |                      |                      |
|                | 9-pole  | ZQV 2.5/8            |                      |                      |
|                | 10-pole | ZQV 2.5/9            |                      |                      |
|                | 20-pole | ZQV 2.5/10           |                      |                      |
|                |         | ZQV 2.5/20           | ZQV 6N/20            |                      |
|                |         | Qty. 60              | Qty. 60              |                      |
|                |         | Order No. 1608860000 | Order No. 1906210000 |                      |
|                |         | 1608870000           | 1906220000           |                      |
|                |         | 1608880000           | 1906230000           |                      |
|                |         | 1608890000           |                      |                      |
|                |         | 1608900000           |                      |                      |
|                |         | 1608910000           |                      |                      |
|                |         | 1608920000           |                      |                      |
|                |         | 1608930000           |                      |                      |
|                |         | 1608940000           |                      |                      |
|                |         | 1908960000           |                      |                      |
|                |         | For terminal:        | For terminal:        | For terminal:        |
|                |         | PDL 4 ...            | PDU 6/10             | PDU 16               |
|                |         | PDL 4S ...           | PDU 6/10 3AN         |                      |
|                |         | PDU 2.5/4 ...        | PNT 6/10             |                      |
|                |         | PDIC 2.5/4           |                      |                      |



## Accessories - Testing / checking

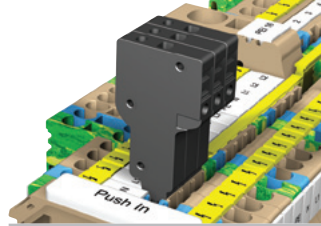
## Test adapter

The clip-on test adapter PTA is used as a single thin element and as a test adapter strip for voltage measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| Dimensions                       |                                             |                       |  |
|----------------------------------|---------------------------------------------|-----------------------|--|
| Width / Length / Height          | mm                                          | 5.1 / 20 / 59         |  |
| Stripping length                 | mm                                          | 6                     |  |
| Rated data                       |                                             |                       |  |
| Rated voltage                    | V                                           | 250                   |  |
| Rated current                    | A                                           | 17.5                  |  |
| Rated cross-section              | mm <sup>2</sup>                             | 1.5                   |  |
| Clamped conductors (H05V/H07V)   |                                             |                       |  |
| solid / stranded                 | mm <sup>2</sup>                             | 0.5...1.5             |  |
| flexible / flexible with ferrule | mm <sup>2</sup>                             | 0.5...1.5 / 0.5...1.5 |  |
| Ordering data                    |                                             |                       |  |
|                                  | 1-pole                                      |                       |  |
|                                  | With snap-in pegs                           |                       |  |
| Technical data                   |                                             |                       |  |
| Product type                     |                                             |                       |  |
| Ordering data                    |                                             |                       |  |
|                                  | For conductor 0.5 mm <sup>2</sup> , grey    |                       |  |
|                                  | For conductor 1 mm <sup>2</sup> , dark grey |                       |  |
| For terminal:                    |                                             |                       |  |
|                                  | PDU 2.5/4                                   |                       |  |

## PTA

## With assembly peg



## Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.

Packaged in sets of 100 x 10-pole strips

| Technical data |                                             |
|----------------|---------------------------------------------|
| Product type   |                                             |
| Ordering data  |                                             |
|                | For conductor 0.5 mm <sup>2</sup> , grey    |
|                | For conductor 1 mm <sup>2</sup> , dark grey |

## PRH 2.5/4

## Reducing sleeves



| Reducing sleeve |      |            |
|-----------------|------|------------|
| Type            | Qty. | Order No.  |
| PRH 2.5/4/1     | 100  | 1916410000 |
| PRH 2.5/4/2     | 100  | 1916400000 |
| For terminal:   |      |            |
| PDU 2.5/4       |      |            |
| PDK 2.5/4       |      |            |

## Cover

The VDE standards call for power connection terminals to be covered. For this purpose, Weidmüller can supply yellow warning PAD covers with the "lightning flash" symbol. The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

| Technical data |                        |  |  |
|----------------|------------------------|--|--|
| Product type   |                        |  |  |
| Ordering data  |                        |  |  |
|                | Terminal width, 5.1 mm |  |  |
|                | Terminal width, 8 mm   |  |  |
|                | Terminal width, 12 mm  |  |  |
| Technical data |                        |  |  |
| Product type   |                        |  |  |
| Ordering data  |                        |  |  |
|                | One-sided, without peg |  |  |
|                | One-sided, with peg    |  |  |
|                | Two-sided without pin  |  |  |
|                | Two-sided, with pin    |  |  |
| For terminal:  |                        |  |  |
|                | PDU 2.5/4 ...          |  |  |
|                | Ptr 2.5/4 ...          |  |  |
|                | PDK 2.5/4 ...          |  |  |
|                | PDU 6/10 ...           |  |  |
|                | PDU 16 ...             |  |  |

## PAD



## Label

The BZT marking tags enable you to label the middle of the marking channel with the WS 10/5 tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

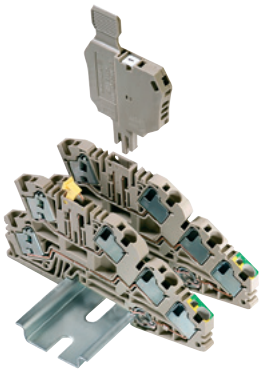
| Technical data |                        |
|----------------|------------------------|
| Product type   |                        |
| Ordering data  |                        |
|                | One-sided, without peg |
|                | One-sided, with peg    |
|                | Two-sided without pin  |
|                | Two-sided, with pin    |

## BZT 1/BZT 2



| Marker holder    |      |            |
|------------------|------|------------|
| Type             | Qty. | Order No.  |
| BZT 1 WS 10/5    | 100  | 1805490000 |
| BZT 1 ZA WS 10/5 | 100  | 1805520000 |
| BZT 2 WS 10/5    | 100  | 1805480000 |
| BZT 2 ZA WS 10/5 | 100  | 1805530000 |
| For terminal:    |      |            |
| PDK 2.5/4 ...    |      |            |
| PDL 4 ...        |      |            |

## SIHA fuse holder



### For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

Better: order the PDL 4... OTNHE and insert the SIHA immediately.

- Simple handling without tools
- Housing made of Wemid (VO)
- Rated current 6.3 A
- Even fits on 5 mm wide terminals when fitted in offset arrangement



- Identification position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



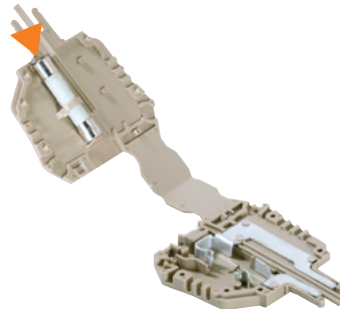
1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again with fingers or screwdriver.



## SIHA 3

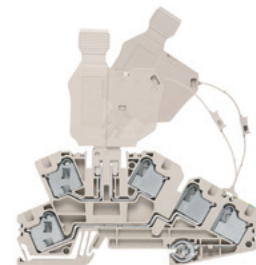


|                                               | Qty.          | Order No.         |
|-----------------------------------------------|---------------|-------------------|
| without LED                                   |               |                   |
| <b>SIHA3/G20</b>                              | 400 V 1       | <b>7921560000</b> |
| with LED (red)                                |               |                   |
| <b>SIHA3/G20</b>                              | 10 - 36 V 1   | <b>7921570000</b> |
|                                               | 35 - 70 V 1   | <b>7921580000</b> |
|                                               | 60 - 150 V 1  | <b>7921590000</b> |
|                                               | 140 - 250 V 1 | <b>7921600000</b> |
| <b>For test-disconnect terminals versions</b> |               |                   |
| PTR 2.5/4...                                  |               |                   |
| PDL 4 TR/...                                  |               |                   |

### Applications with PTR 2.5/4..., PDL 4 TR/... and SIHA 3

|                                |        | Short-circuit protection |               | Overload and short-circuit protection |               |
|--------------------------------|--------|--------------------------|---------------|---------------------------------------|---------------|
|                                |        | Nom. value               |               | Nom. value                            |               |
|                                |        | Power loss               | Rated current | Power loss                            | Rated current |
| <b>PTR 2.5/4...</b>            | Single | 4.0 W                    | 6.3 A         | 1.6 W                                 | 6.3 A         |
|                                | Group  | 1.6 W                    | 6.3 A         |                                       |               |
| <b>PDL 4 TR/... und SIHA 3</b> | Single | 1.6 W                    | 6.3 A         | 1.6 W                                 | 6.3 A         |
|                                | Group  | 1.6 W                    | 6.3 A         |                                       |               |

## SIHA STRAP

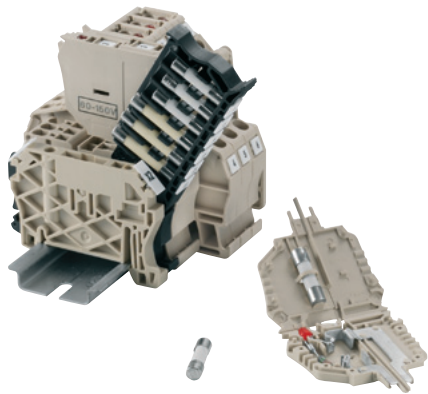


|                   | Qty. | Order No.         |
|-------------------|------|-------------------|
| with strap        |      |                   |
| <b>SIHA STRAP</b> | 20   | <b>9537680000</b> |

Connector for retro-fit assembly

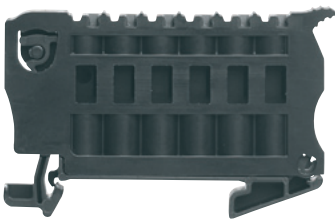
- Receptacle in the terminal is the identification position
- Integrated identification position on the strap
- Slots into fuse holder either on the left or on the right

### Fuse carrier ZST 1



The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available for use during servicing work.

### ZST 1



| Dimensions              |    |             |
|-------------------------|----|-------------|
| Width / Length / Height | mm | 8 / 62 / 40 |

### Ordering data

| Type  | Qty. | Order No.  |
|-------|------|------------|
| ZST 1 | 25   | 1269070000 |

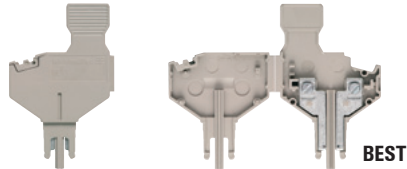
### Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

### Component plug (up to 250 V)

can be reversed



### Ordering data

| Type              | Fitted with... | Qty. | Order No.  |
|-------------------|----------------|------|------------|
| BEST              | -              | 25   | 1833100000 |
| BEST/DRBR         | wire jumper    | 25   | 1878570000 |
| BEST/D            | diode 1N4007   | 25   | 1878560000 |
| For terminal type |                |      |            |
| PTR 2.5/4...      |                |      |            |
| PDL 4 TR/...      |                |      |            |

### Isolating plug

Isolating plug



### Ordering data

| Type              | Colour       | Qty. | Order No.  |
|-------------------|--------------|------|------------|
| TNST              | yellow Wemid | 25   | 1833090000 |
| For terminal type |              |      |            |
| PTR 2.5/4...      |              |      |            |
| PDL 4 TR/...      |              |      |            |

## Crimp-Set PZ 6 roto PUSH IN



## Assembly

| Article description                                            | Type           | Qty. |
|----------------------------------------------------------------|----------------|------|
| Crimping tools for wire end ferrules 0.14 to 6 mm <sup>2</sup> | PZ 6 Roto      | 1    |
| Stripping tool for up to 6 mm <sup>2</sup>                     | STRIPAX        | 1    |
| Wire end ferrule with plastic collar, Colour grey              | H 4.0/20 DS GR | 500  |
| Wire end ferrule with plastic collar, Colour orange            | H0.5/16 OR     | 500  |
| Wire end ferrule with plastic collar, Colour white             | H0.75/18 W     | 500  |
| Wire end ferrule with plastic collar, Colour yellow            | H1.0/18 GE     | 500  |
| Wire end ferrule with plastic collar, Colour black             | H1.5/18D SW    | 500  |
| Wire end ferrule with plastic collar, Colour blue              | H2.5/18D BL    | 500  |
| Wire end ferrule with plastic collar, Colour black             | H6.0/20 SW     | 100  |

## Technical data

|                         |               |
|-------------------------|---------------|
| Length x Width x Height | 340/270/60 mm |
| Weight                  | 1760 g        |

## Ordering data

| Type                | Colour code   | Order No.  |
|---------------------|---------------|------------|
| CRIMP-SET PZ 6 ROTO | PI Weidmüller | 9028680000 |

## Crimp-Set PZ 16 PUSH IN



## Assembly

| Article description                                          | Type           | Qty. |
|--------------------------------------------------------------|----------------|------|
| Crimping tools for wire end ferrules 6 to 16 mm <sup>2</sup> | PZ 16          | 1    |
| Stripping tool for up to 6 mm <sup>2</sup>                   | STRIPAX        | 1    |
| Wire end ferrule with plastic collar, Colour ivory           | H 10.0/22 S EB | 100  |
| Wire end ferrule with plastic collar, Colour black           | H6.0/20 SW     | 100  |
| Wire end ferrule with plastic collar, Colour ivory           | H10.0/22 EB    | 100  |
| Wire end ferrule with plastic collar, Colour green           | H16.0/24 GN    | 100  |

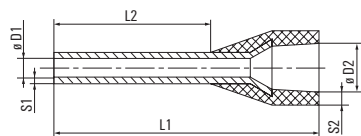
## Technical data

|                         |               |
|-------------------------|---------------|
| Length x Width x Height | 340/270/60 mm |
| Weight                  | 1725 g        |

## Ordering data

| Type            | Colour code | Order No.  |
|-----------------|-------------|------------|
| CRIMP-SET PZ 16 | Weidmüller  | 9025850000 |

Accessories – Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors of size 0.14-150 mm<sup>2</sup> (AWG 26-300MCM)  
Material: E-Cu, tin galvanised  
Dimensional tolerance acc. to DIN 46228 sect. 4

Weidmüller colour code

packed loose

Ordering data

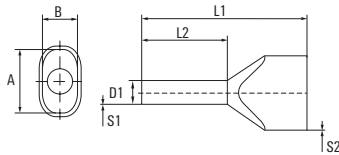
| Type        | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour     | Qty. | Order No.  |
|-------------|-------------------|-----|------|------|-----|-----|------|------|------------------|------------|------|------------|
| H0.25/12    | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8 | 0.15 | 0.25 | 10.0             | light blue | 500  | 9025760000 |
| H0.34/12    | 0.34              | 22  | 12.0 | 8.0  | 0.8 | 2.0 | 0.15 | 0.25 | 10.0             | turquoise  | 500  | 9025770000 |
| H0.5/14     | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | orange     | 500  | 0690700000 |
| H0.5/16     | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.6 | 0.15 | 0.25 | 12.0             | orange     | 500  | 9025870000 |
| H0.75/14    | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | white      | 500  | 0462900000 |
| H0.75/16    | 0.75              | 18  | 16.0 | 10.0 | 1.2 | 2.8 | 0.15 | 0.25 | 12.0             | white      | 500  | 9025860000 |
| H0.75/18    | 0.75              | 18  | 18.0 | 12.0 | 1.2 | 2.8 | 0.15 | 0.25 | 14.0             | white      | 500  | 9025910000 |
| H1.0/14     | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | yellow     | 500  | 0463000000 |
| H1.0/16     | 1.00              | 17  | 16.0 | 10.0 | 1.4 | 3.0 | 0.15 | 0.25 | 12.0             | yellow     | 500  | 9025950000 |
| H1.0/18     | 1.00              | 17  | 18.0 | 12.0 | 1.4 | 3.0 | 0.15 | 0.25 | 15.0             | yellow     | 500  | 9025930000 |
| H1.5/14     | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | red        | 500  | 0463100000 |
| H1.5/16     | 1.50              | 16  | 16.0 | 10.0 | 1.7 | 3.5 | 0.15 | 0.25 | 12.0             | red        | 500  | 0635100000 |
| H2.5/14D    | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | blue       | 500  | 9019160000 |
| H2.5/18D    | 2.50              | 14  | 18.0 | 12.0 | 2.2 | 4.2 | 0.15 | 0.25 | 14.0             | blue       | 500  | 9019170000 |
| H4.0/20 DS  | 4.00              | 12  | 20.0 | 12.0 | 2.8 | 4.8 | 0.2  | 0.3  | 15.0             | grey       | 500  | 9203630000 |
| H6.0/20     | 6.00              | 10  | 20.0 | 12.0 | 3.5 | 6.3 | 0.2  | 0.3  | 14.0             | black      | 100  | 0533500000 |
| H 10.0/22 S | 10.00             | 7   | 22.0 | 12.0 | 4.6 | 7.1 | 0.2  | 0.4  | 14.0             | ivory      | 100  | 9203620000 |
| H16.0/24    | 16.00             | 6   | 24.0 | 12.0 | 5.8 | 8.8 | 0.2  | 0.4  | 15.0             | green      | 100  | 0565900000 |

Weidmüller colour code

in multi-pack bag

Ordering data

| Type     | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour     | Qty. | Order No.  |
|----------|-------------------|-----|------|------|-----|-----|------|------|------------------|------------|------|------------|
| H0.14/12 | 0.14              | 26  | 12.0 | 8.0  | 0.6 | 1.5 | 0.15 | 0.25 | 10.0             | grey       | 500  | 9028240000 |
| H0.25/12 | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8 | 0.15 | 0.25 | 10.0             | light blue | 500  | 9025780000 |
| H0.34/12 | 0.34              | 22  | 12.0 | 8.0  | 0.8 | 2.0 | 0.15 | 0.25 | 10.0             | turquoise  | 500  | 9025790000 |
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | orange     | 500  | 9026060000 |
| H0.5/16  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.6 | 0.15 | 0.25 | 12.0             | orange     | 500  | 9028270000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | white      | 500  | 9026070000 |
| H0.75/16 | 0.75              | 18  | 16.0 | 10.0 | 1.2 | 2.8 | 0.15 | 0.25 | 12.0             | white      | 500  | 9028290000 |
| H0.75/18 | 0.75              | 18  | 18.0 | 12.0 | 1.2 | 2.8 | 0.15 | 0.25 | 14.0             | white      | 500  | 9028300000 |
| H1.0/16  | 1.00              | 17  | 16.0 | 10.0 | 1.4 | 3.0 | 0.15 | 0.25 | 12.0             | yellow     | 500  | 9028320000 |
| H1.0/18  | 1.00              | 17  | 18.0 | 12.0 | 1.4 | 3.0 | 0.15 | 0.25 | 15.0             | yellow     | 500  | 9028340000 |
| H1.5/16  | 1.50              | 16  | 16.0 | 10.0 | 1.7 | 3.5 | 0.15 | 0.25 | 12.0             | red        | 500  | 9028350000 |



- EPolypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors each at 2 x 0.5 – 2 x 16 mm<sup>2</sup> (2 x AWG 20 – 2 x AWG 6)

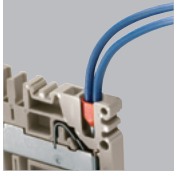
Material: E-Cu, tin galvanised

Dimensional tolerance acc. to DIN 46228 sect. 4

### Weidmüller colour code

packed loose

Type  
PDU, PPE, PDK, PTR



### Ordering data

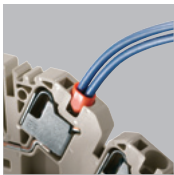
| Type         | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|--------------|-------------------|-----|------|------|-----|----|------|-----|------------------|----------|------|------------|
| H0.5/15      | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ● orange | 500  | 9037200000 |
| H0.5/16.5    | 0.50              | 20  | 16.0 | 10.0 | 1.4 |    | 0.15 | 0.3 | 13.0             | ● orange | 500  | 9037210000 |
| H0.5/18.5    | 0.50              | 20  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 15.0             | ● orange | 500  | 9037220000 |
| *H0.75/15    | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ○ white  | 500  | 9037230000 |
| *H0.75/17    | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ○ white  | 500  | 9037240000 |
| *H0.75/19S   | 0.75              | 18  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 21.0             | ○ white  | 500  | 9202820000 |
| *H0.75/24.5  | 0.75              | 18  | 24.0 | 18.0 | 1.7 |    | 0.15 | 0.3 | 21.0             | ○ white  | 500  | 9037250000 |
| *H1.0/25.6   | 1.00              | 17  | 25.0 | 18.0 | 2.0 |    | 0.15 | 0.3 | 22.0             | ● yellow | 500  | 9037280000 |
| *H1.5/25.6   | 1.50              | 16  | 26.0 | 18.0 | 2.2 |    | 0.15 | 0.3 | 21.0             | ● red    | 100  | 9037310000 |
| **H2.5/26.5D | 2.50              | 14  | 27.0 | 18.0 | 2.8 |    | 0.15 | 0.4 | 21.0             | ● blue   | 100  | 9037520000 |

Note: \* Voltage reduced to 320 V \*\* Voltage reduced to 160 V

### Weidmüller colour code

packed loose

Type  
PDL DU/PE

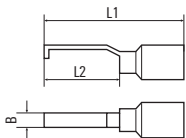


### Ordering data

| Type       | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2 | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|----|------|-----|------------------|----------|------|------------|
| H0.5/15    | 0.50              | 20  | 15.0 | 8.0  | 1.4 |    | 0.15 | 0.3 | 11.0             | ● orange | 500  | 9037200000 |
| H0.5/16.5  | 0.50              | 20  | 16.0 | 10.0 | 1.4 |    | 0.15 | 0.3 | 13.0             | ● orange | 500  | 9037210000 |
| H0.5/18.5  | 0.50              | 20  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 15.0             | ● orange | 500  | 9037220000 |
| H0.75/15   | 0.75              | 18  | 15.0 | 8.0  | 1.7 |    | 0.15 | 0.3 | 11.0             | ○ white  | 500  | 9037230000 |
| H0.75/17   | 0.75              | 18  | 17.0 | 10.0 | 1.7 |    | 0.15 | 0.3 | 13.0             | ○ white  | 500  | 9037240000 |
| H0.75/19S  | 0.75              | 18  | 19.0 | 12.0 | 1.4 |    | 0.15 | 0.3 | 21.0             | ○ white  | 500  | 9202820000 |
| H0.75/24.5 | 0.75              | 18  | 24.0 | 18.0 | 1.7 |    | 0.15 | 0.3 | 21.0             | ○ white  | 500  | 9037250000 |
| H1.0/25.6  | 1.00              | 17  | 25.0 | 18.0 | 2.0 |    | 0.15 | 0.3 | 22.0             | ● yellow | 500  | 9037280000 |
| H1.5/25.6  | 1.50              | 16  | 26.0 | 18.0 | 2.2 |    | 0.15 | 0.3 | 21.0             | ● red    | 100  | 9037310000 |
| H2.5/26.5D | 2.50              | 14  | 27.0 | 18.0 | 2.8 |    | 0.15 | 0.4 | 21.0             | ● blue   | 100  | 9037520000 |

### Hook-type cable connector

according to ESI 50-18 part 2



### Ordering data

| Type    | σ mm <sup>2</sup> | Colour | L1   | L2    | L3  | Qty. | Order No.  |
|---------|-------------------|--------|------|-------|-----|------|------------|
| HB 1-17 | 0.25 - 1.5        | ●      | 27.2 | 16.75 | 4.6 | 100  | 9036290000 |
| HB 1-13 | 1.0 - 2.5         | ●      | 27.2 | 16.75 | 3.0 | 100  | 9036300000 |





# Terminals, Z-Series

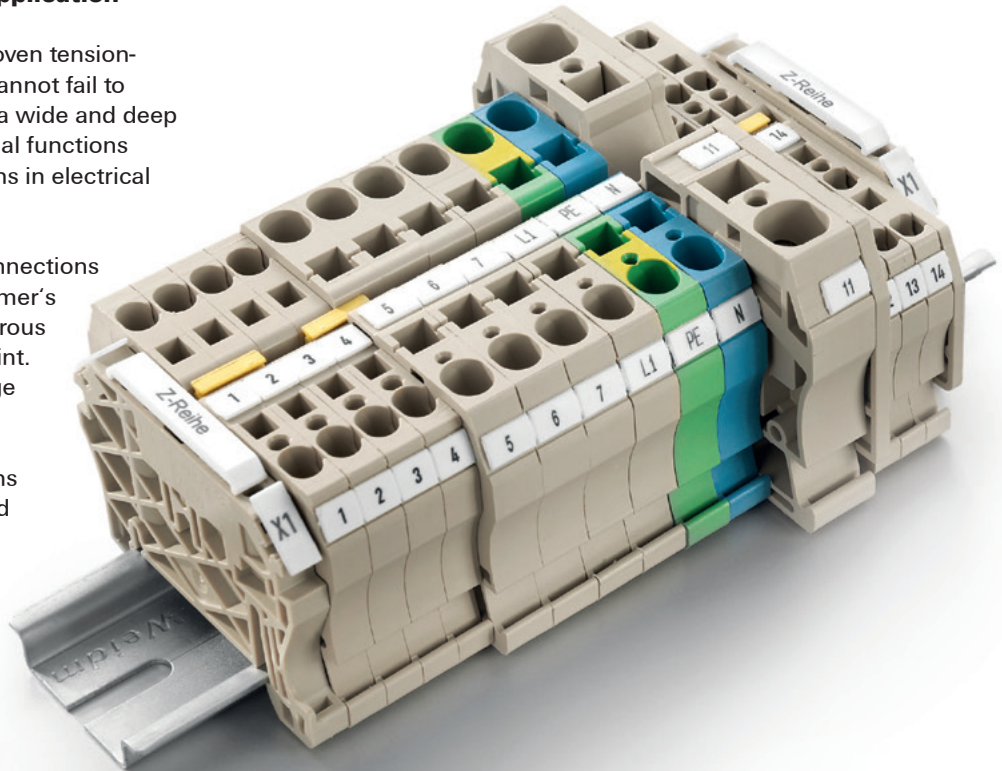
|                            |                                           |       |
|----------------------------|-------------------------------------------|-------|
| <b>Terminals, Z-Series</b> | Overview Z-Series                         | C.2   |
|                            | Feed-through terminals                    | C.4   |
|                            | Double- / Multi-level terminals           | C.20  |
|                            | Motor-connect terminal blocks             | C.34  |
|                            | PE terminals                              | C.36  |
|                            | Fuse terminals                            | C.54  |
|                            | Test-disconnect terminals                 | C.66  |
|                            | Earth wire disconnect terminal blocks     | C.71  |
|                            | Installation terminals                    | C.72  |
|                            | Overview WeiCoS                           | C.80  |
|                            | Pluggable standard terminals WeiCoS       | C.82  |
|                            | Overview initiator and actuator terminals | C.108 |
|                            | Initiator and actuator terminals          | C.110 |
|                            | Overview mini terminals                   | C.112 |
|                            | Mini terminals                            | C.114 |
|                            | Terminals with electronic components      | C.120 |
|                            | Accessories Z-Series                      | C.128 |

# A broad line of terminal block products with tension-clamp wire connection

## A proven solution for every application

The terminal blocks with their proven tension-clamp wire connection system, cannot fail to impress, with their small design, a wide and deep product range and many additional functions and accessories for all applications in electrical cabinet construction.

Terminals with tension-clamp connections are tailored specially to the customer's requirements: small design, generous marking areas, integrated test point. The Z-series terminals have a large clamping range and up to two cross-connection channels. Plug-in standard cross-connections enable potentials to be distributed over any number of terminals.

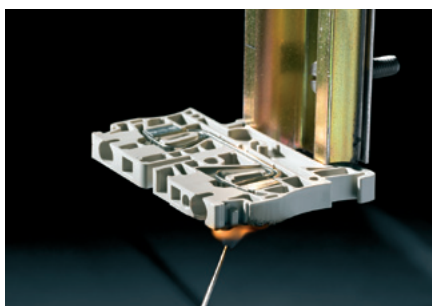
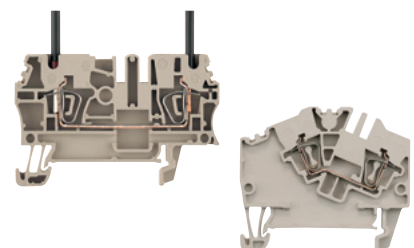


### Wemid insulating material

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- High UL94 flammability class V0
- Contains no halogen or phosphorous

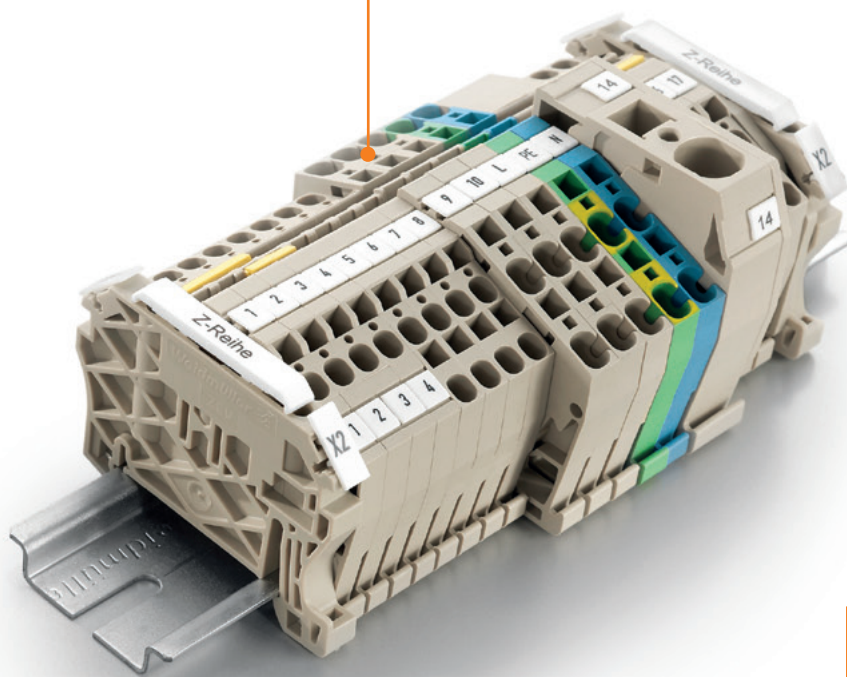
### Designs

Z-Standard with wire cross sections from 0.05 to 35 mm<sup>2</sup> and TOP entry wire insertion parallel to the screwdriver actuators. Z-Roof with wire cross sections from 0.13 to 16 mm<sup>2</sup>, dimensions reduced by up to 36 % and oblique operation direction.

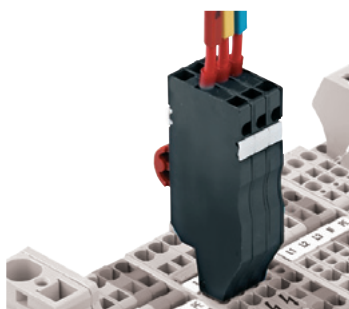


**Safe, thanks to the clarity**

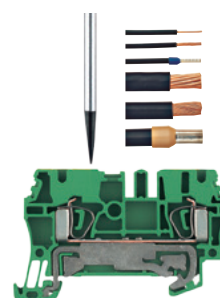
Easy to use thanks to the large clamping space for the wire connections from 0.08 to 35 mm<sup>2</sup>, only one wire can be connected in each clamping unit.

**Extensive accessories**

Test adapters and plugs, standard and group markers, closing plates and partitions, covers, and reducing sleeves are available for the Z-series.

**Simple operation**

The practical connection aligns the wire insertion direction and the screwdriver operating points, creating a TOP connection system for which no special tools are needed and which comes with an integrated test point.

**Contact security**

The products have maintenance-free connections for a life-long secure contact. They are 100 % shock and vibration proof.



## Feed-through terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

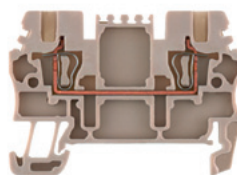
## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

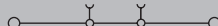
## ZDU 1.5

1.5 mm<sup>2</sup>

## Two connections



3.5 x 51.5 x 37  
17.5 / 1.5  
0.05...1.5



IEC 60947-7-1

Ex e II II 2 G D

| IEC  | UL          | CSA         | EN 60079-7 |
|------|-------------|-------------|------------|
| 500  | 300 (C)     | 300 (C)     | 550        |
| 17.5 | 15 (C)      | 20 (C)      | 15         |
| 1.5  | AWG 26...14 | AWG 26...14 | 1.5        |

6 kV / 3

B1 / V-0

KEMA 01ATEX2106 U

| Rated connection      |  |
|-----------------------|--|
| 0.5...1.5             |  |
| 0.5...1.5 / 0.5...1.5 |  |
| 10 / 0.4 x 2.0 mm     |  |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDU 1.5    | 100  | 1775480000 |
| ZDU 1.5 BL | 100  | 1775490000 |

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZQV 1.5/2  | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3  | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4  | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10 | 17.5 A  | 20   | 1776200000 |

| Width                |      |    |            |
|----------------------|------|----|------------|
| ZAP/TW ZDU1.5/2AN    | 2 mm | 20 | 1776030000 |
| ZAP/TW ZDU1.5/2AN BL | 2 mm | 20 | 1776040000 |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 5    | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

|                |  |   |            |
|----------------|--|---|------------|
| SDS 0.4X2.0X60 |  | 1 | 9037160000 |
|----------------|--|---|------------|

|            |         |     |            |
|------------|---------|-----|------------|
| ZRH 1.5S/1 | 4.55 mm | 500 | 1781950000 |
| ZRH 1.5S/2 | 4.55 mm | 500 | 1781960000 |

|         |        |    |            |
|---------|--------|----|------------|
| ZAD 7/4 | 4.3 mm | 20 | 1781940000 |
|---------|--------|----|------------|

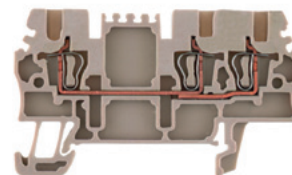
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| DEK 5/3,5 / WS 12/3,5  |                                 |

| Note |  |
|------|--|
|------|--|

## ZDU 1.5/3 AN

1.5 mm<sup>2</sup>

## Three connections



3.5 x 63.5 x 37  
17.5 / 1.5  
0.05...1.5



IEC 60947-7-1

Ex e II II 2 G D

| IEC  | UL          | CSA         | EN 60079-7 |
|------|-------------|-------------|------------|
| 500  | 300 (C)     | 300 (C)     | 550        |
| 17.5 | 15 (C)      | 20 (C)      | 15         |
| 1.5  | AWG 26...14 | AWG 26...14 | 1.5        |

6 kV / 3

B1 / V-0

KEMA 01ATEX2106 U

| Rated connection      |  |
|-----------------------|--|
| 0.5...1.5             |  |
| 0.5...1.5 / 0.5...1.5 |  |
| 10 / 0.4 x 2.0 mm     |  |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDU 1.5/3AN    | 100  | 1775530000 |
| ZDU 1.5/3AN BL | 100  | 1775540000 |

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZQV 1.5/2  | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3  | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4  | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10 | 17.5 A  | 20   | 1776200000 |

| Width                |      |    |            |
|----------------------|------|----|------------|
| ZAP/TW ZDU1.5/3AN    | 2 mm | 20 | 1776060000 |
| ZAP/TW ZDU1.5/3AN BL | 2 mm | 20 | 1776070000 |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 5    | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

|                |  |   |            |
|----------------|--|---|------------|
| SDS 0.4X2.0X60 |  | 1 | 9037160000 |
|----------------|--|---|------------|

|            |         |     |            |
|------------|---------|-----|------------|
| ZRH 1.5S/1 | 4.55 mm | 500 | 1781950000 |
| ZRH 1.5S/2 | 4.55 mm | 500 | 1781960000 |

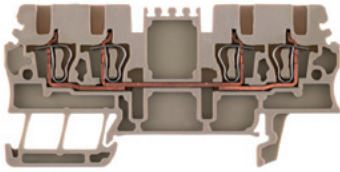
|         |        |    |            |
|---------|--------|----|------------|
| ZAD 7/4 | 4.3 mm | 20 | 1781940000 |
|---------|--------|----|------------|

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| DEK 5/3,5 / WS 12/3,5  |                                 |

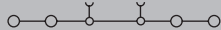
| Note |  |
|------|--|
|------|--|

**ZDU 1.5/4 AN****1.5 mm<sup>2</sup>**

Four connections



3.5 x 75.5 x 37  
**17.5 / 1.5**  
**0.05...1.5**



IEC 60947-7-1

Ex e II



II 2 G D

| IEC  | UL          | CSA         | EN 60079-7 |
|------|-------------|-------------|------------|
| 500  | 300 (C)     | 300 (C)     | 550        |
| 17.5 | 15 (C)      | 20 (C)      | 15         |
| 1.5  | AWG 26...14 | AWG 26...14 | 1.5        |

6 kV / 3

B1 / V-0



KEMA 01ATEX2106 U

**Rated connection**

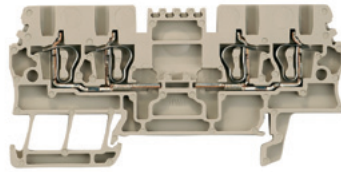
0.5...1.5

0.5...1.5 / 0.5...1.5

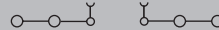
10 / 0.4 x 2.0 mm

**ZDU 1.5 2x2AN****1.5 mm<sup>2</sup>**

2 x 2 connections



3.5 x 75.5 x 37  
**17.5 / 1.5**  
**0.05...1.5**



IEC 60947-7-1

| IEC  | UL | CSA |
|------|----|-----|
| 500  |    |     |
| 17.5 |    |     |
| 1.5  |    |     |

6 kV / 3

B1 / V-0

**Rated connection**

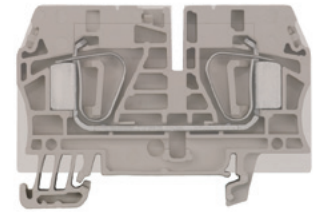
0.5...1.5

0.5...1.5 / 0.5...1.5

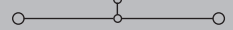
10 / 0.4 x 2.0 mm

**ZEI 6****6 mm<sup>2</sup>**

Supply terminal



10 x 65 x 45.5  
**57 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC | UL | CSA |
|-----|----|-----|
| 500 |    |     |
| 41  |    |     |
| 6   |    |     |

8 kV / 4

A5 / V-0

**Rated connection**

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the rated voltage of the distribution terminals.

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDU 1.5/4AN    | 100  | 1775580000 |
| ZDU 1.5/4AN BL | 100  | 1775600000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZDU 1.5/2X2AN    | 100  | 1826970000 |
| ZDU 1.5/2X2AN BL | 100  | 1826990000 |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| ZEI 6 | 20   | 1791190000 |

Integrated end plate.

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZQV 1.5/2  | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3  | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4  | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10 | 17.5 A  | 20   | 1776200000 |

| Width                |      |    |            |
|----------------------|------|----|------------|
| ZAP/TW ZDU1.5/4AN    | 2 mm | 20 | 1776090000 |
| ZAP/TW ZDU1.5/4AN BL | 2 mm | 20 | 1776100000 |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 5    | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

|                |  |   |            |
|----------------|--|---|------------|
| SDS 0.4X2.0X60 |  | 1 | 9037160000 |
|----------------|--|---|------------|

|            |         |     |            |
|------------|---------|-----|------------|
| ZRH 1.5S/1 | 4.55 mm | 500 | 1781950000 |
| ZRH 1.5S/2 | 4.55 mm | 500 | 1781960000 |

|         |        |    |            |
|---------|--------|----|------------|
| ZAD 7/4 | 4.3 mm | 20 | 1781940000 |
|---------|--------|----|------------|

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZQV 1.5/2  | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3  | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4  | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10 | 17.5 A  | 20   | 1776200000 |

| Width                |      |    |            |
|----------------------|------|----|------------|
| ZAP/TW ZDU1.5/4AN    | 2 mm | 20 | 1776090000 |
| ZAP/TW ZDU1.5/4AN BL | 2 mm | 20 | 1776100000 |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 5    | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

|                |  |   |            |
|----------------|--|---|------------|
| SDS 0.4X2.0X60 |  | 1 | 9037160000 |
|----------------|--|---|------------|

|            |         |     |            |
|------------|---------|-----|------------|
| ZRH 1.5S/1 | 4.55 mm | 500 | 1781950000 |
| ZRH 1.5S/2 | 4.55 mm | 500 | 1781960000 |

|         |        |    |            |
|---------|--------|----|------------|
| ZAD 7/4 | 4.3 mm | 20 | 1781940000 |
|---------|--------|----|------------|

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZQV 1.5/2  | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3  | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4  | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10 | 17.5 A  | 20   | 1776200000 |

| Width  |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |

|            |        |    |            |
|------------|--------|----|------------|
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
|------------|--------|----|------------|

|                     |  |   |            |
|---------------------|--|---|------------|
| SDIS SL 0.8X4.0X100 |  | 1 | 1274670000 |
|---------------------|--|---|------------|

|         |       |    |            |
|---------|-------|----|------------|
| ZAD 3/4 | 10 mm | 20 | 1609120000 |
|---------|-------|----|------------|

DEK 5/3,5 / WS 12/3,5

DEK 5/3,5 / WS 12/3,5

DEK 8 / WS 12/6

The plug-in cross-connections ZQV 1.5/... can be used.



## Feed-through terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

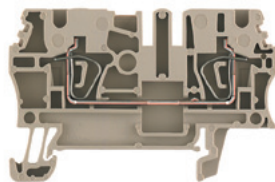
## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

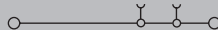
## ZDU 2.5

2.5 mm<sup>2</sup>

## Two connections



5.1 x 59.5 x 39.5  
31 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 24  | 25 (C)      | 27 (C)      | 21         |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5        |

8 kV / 3

A3 / V-0

KEMA 97ATEX2521 U

| Rated connection    |  |
|---------------------|--|
| 0.5...4             |  |
| 0.5...4 / 0.5...2.5 |  |
| 10 / 0.6 x 3.5 mm   |  |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDU 2.5    | 100  | 1608510000 |
| ZDU 2.5 BL | 100  | 1608520000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW 1            | 2 mm    | 50   | 1608740000 |
| ZAP/TW 1 BL         | 2 mm    | 50   | 1608750000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA            | 5.1 mm  | 25   | 1609050000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/VO     | 5.55 mm | 1000 | 1614290000 |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |

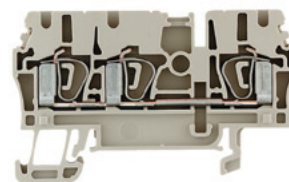
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 10/5

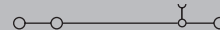
## ZDU 2.5/3AN

2.5 mm<sup>2</sup>

## Three connections



5.1 x 64.5 x 39.5  
31 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 24  | 25 (C)      | 27 (C)      | 21         |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5        |

8 kV / 3

A3 / V-0

KEMA 97ATEX2521 U

| Rated connection    |  |
|---------------------|--|
| 0.5...4             |  |
| 0.5...4 / 0.5...2.5 |  |
| 10 / 0.6 x 3.5 mm   |  |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDU 2.5/3AN    | 100  | 1608540000 |
| ZDU 2.5/3AN BL | 100  | 1608550000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW 2 DB         | 2 mm    | 50   | 1608770000 |
| ZAP/TW 2 BL         | 2 mm    | 50   | 1608780000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA            | 5.1 mm  | 25   | 1609050000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/VO     | 5.55 mm | 1000 | 1614290000 |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |

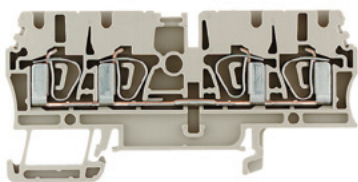
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 10/5

## ZDU 2.5/4AN

2.5 mm<sup>2</sup>

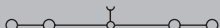
Four connections



5.1 x 79.5 x 39.5

27 / 4

0.05...4



IEC 60947-7-1

Ex e II



II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 24  | 25 (C)      | 27 (C)      | 21         |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5        |

8 kV / 3

A3 / V-0

KEMA 97ATEX2521 U

## Rated connection

0.5...4

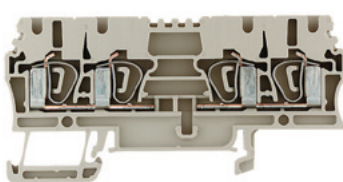
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

## ZDU 2.5/2x2AN

2.5 mm<sup>2</sup>

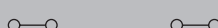
Two potentials feasible



5.1 x 79.5 x 39.5

30 / 4

0.05...4



IEC 60947-7-1

Ex e II



II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 24  | 25 (C)      | 27 (C)      | 21         |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5        |

8 kV / 3

A3 / V-0

KEMA 97ATEX2521 U

## Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDU 2.5/4AN    | 100  | 1608570000 |
| ZDU 2.5/4AN BL | 100  | 1608580000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZDU 2.5/2x2AN    | 100  | 1608600000 |
| ZDU 2.5/2x2AN BL | 100  | 1608610000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZAP/TW 3 BL         | 2 mm    | 50   | 1608810000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA            | 5.1 mm  | 25   | 1609050000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZAP/TW 3 BL         | 2 mm    | 50   | 1608810000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA            | 5.1 mm  | 25   | 1609050000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |

DEK 5/5 / WS 10/5

DEK 5/5 / WS 10/5



## Feed-through terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

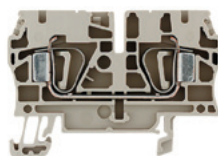
## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

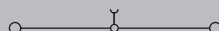
## ZDU 4

4 mm<sup>2</sup>

## Two connections



6.1 x 62 x 43.5  
41 / 6  
0.13...6



IEC 60947-7-1

Ex e II Ex II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 32       | 33 (C)      | 35 (C)      | 28         |
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 8 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |

KEMA 97ATEX2521 U

| Rated connection  |  |
|-------------------|--|
| 0.5...6 / 0.5...6 |  |
| 0.5...6 / 0.5...4 |  |
| 12 / 0.6 x 3.5 mm |  |

When using twin ferrules, the rated voltage is 690 V.

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZDU 4    | 100  | 1632050000 |
| ZDU 4 BL | 100  | 1632060000 |

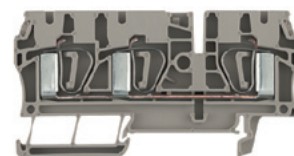
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP/TW 4            | 2 mm    | 50   | 1632090000 |
| ZAP/TW 4 BL         | 2 mm    | 50   | 1632100000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| ZTA 2 ZDU4          |         |      |            |
|                     | 6.1 mm  | 25   | 1609060000 |
| ZTA 2/ZA ZDU4       | 6.1 mm  | 25   | 1609070000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 4/1 WS          |         |      |            |
|                     | 7.4 mm  | 1000 | 1636640000 |
| ZRH 4/2             | 7.4 mm  | 1000 | 1636650000 |
| ZAD 2/4             |         |      |            |
|                     | 8.94 mm | 20   | 1609080000 |

DEK 5/6 / WS 10/6

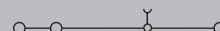
## ZDU 4/3 AN

4 mm<sup>2</sup>

## Three connections



6.1 x 83.5 x 43.5  
41 / 6  
0.13...6



IEC 60947-7-1

Ex e II Ex II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 32       | 33 (C)      | 35 (C)      | 28         |
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 8 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |

KEMA 00ATEX2107 U

| Rated connection  |  |
|-------------------|--|
| 0.5...6 / 0.5...6 |  |
| 0.5...6 / 0.5...4 |  |
| 12 / 0.6 x 3.5 mm |  |

When using twin ferrules, the rated voltage is 690 V.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| ZDU 4/3AN    | 50   | 7904180000 |
| ZDU 4/3AN BL | 50   | 7904190000 |

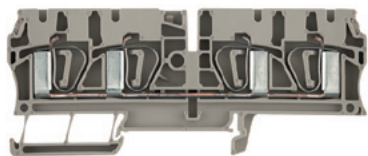
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP/TW 4/3AN        | 2 mm    | 20   | 7904100000 |
| ZAP/TW 4/3AN BL     | 2 mm    | 20   | 7904110000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| ZTA 2 ZDU4          |         |      |            |
|                     | 6.1 mm  | 25   | 1609060000 |
| ZTA 2/ZA ZDU4       | 6.1 mm  | 25   | 1609070000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 4/1 WS          |         |      |            |
|                     | 7.4 mm  | 1000 | 1636640000 |
| ZRH 4/2             | 7.4 mm  | 1000 | 1636650000 |
| ZAD 2/4             |         |      |            |
|                     | 8.94 mm | 20   | 1609080000 |

DEK 5/6 / WS 12/6

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

**ZDU 4/4 AN****4 mm<sup>2</sup>**

Four connections



6.1 x 104.5 x 43.5  
**41 / 6**  
**0.13...6**



IEC 60947-7-1

Ex e II  II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 32  | 33 (C)      | 35 (C)      | 28         |
| 4   | AWG 26...10 | AWG 26...10 | 4          |

8 kV / 3

A4 / V-0



KEMA 00ATEX2107 U

**Rated connection**

0.5...6 / 0.5...6

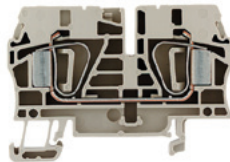
0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

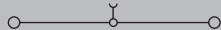
When using twin ferrules, the rated voltage is 690 V.

**ZDU 6****6 mm<sup>2</sup>**

Two connections



8.1 x 65 x 45.5  
**57 / 10**  
**0.22...10**



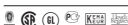
IEC 60947-7-1

Ex e II  II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 800 | 600 (C)    | 600 (C)    | 550        |
| 41  | 50 (C)     | 50 (C)     | 36         |
| 6   | AWG 22...8 | AWG 20...8 | 6          |

8 kV / 3

A5 / V-0



KEMA 97ATEX2521 U

**Rated connection**

0.5...10

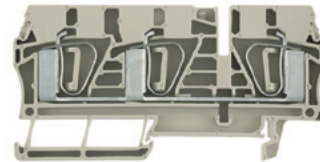
0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

**ZDU 6/3 AN****6 mm<sup>2</sup>**

Three connections



8.1 x 90 x 45.5  
**57 / 10**  
**0.22...10**



IEC 60947-7-1

Ex e II  II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 800 | 600 (C)    | 600 (C)    | 550        |
| 41  | 50 (C)     | 50 (C)     | 36         |
| 6   | AWG 22...8 | AWG 20...8 | 6          |

8 kV / 3

A5 / V-0



KEMA 00ATEX2107 U

**Rated connection**

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| ZDU 4/4AN    | 50   | 7904290000 |
| ZDU 4/4AN BL | 50   | 7904300000 |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZDU 6    | 50   | 1608620000 |
| ZDU 6 BL | 50   | 1608630000 |

1000 V DC rated voltage tested.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| ZDU 6/3AN    | 50   | 7907410000 |
| ZDU 6/3AN BL | 50   | 7907420000 |

| Type                       | current | Qty. | Order No.  |
|----------------------------|---------|------|------------|
| ZQV 4/2 GE                 | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE                 | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE                 | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE                | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE                | 32 A    | 20   | 1909010000 |
| <b>Width</b>               |         |      |            |
| ZAP/TW4/4AN                | 2 mm    | 20   | 7904210000 |
| ZAP/TW4/4AN BL             | 2 mm    | 20   | 7904220000 |
| <b>ZEW 35</b>              |         |      |            |
|                            | 6 mm    | 20   | 9540000000 |
| <b>ZTA 2 ZDU4</b>          |         |      |            |
|                            | 6.1 mm  | 25   | 1609060000 |
| ZTA 2/ZA ZDU4              | 6.1 mm  | 25   | 1609070000 |
| <b>SDIS SL 0.6X3.5X100</b> |         |      |            |
|                            |         | 1    | 1274660000 |
| <b>ZRH 4/1 WS</b>          |         |      |            |
|                            | 7.4 mm  | 1000 | 1636640000 |
| ZRH 4/2                    | 7.4 mm  | 1000 | 1636650000 |
| <b>ZAD 2/4</b>             |         |      |            |
|                            | 8.94 mm | 20   | 1609080000 |

| Type                       | current | Qty. | Order No.  |
|----------------------------|---------|------|------------|
| ZQV 6/2 GE                 | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE                 | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE                 | 41 A    | 60   | 1627870000 |
| <b>ZEW 35</b>              |         |      |            |
|                            | 6 mm    | 20   | 9540000000 |
| <b>ZTA 3 ZDU6</b>          |         |      |            |
|                            | 8.1 mm  | 25   | 1654050000 |
| <b>SDIS SL 1.0X4.5X125</b> |         |      |            |
|                            |         | 1    | 1274680000 |
| <b>ZAD 3/4</b>             |         |      |            |
|                            | 10 mm   | 20   | 1609120000 |

| Type                       | current | Qty. | Order No.  |
|----------------------------|---------|------|------------|
| ZQV 6/2 GE                 | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE                 | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE                 | 41 A    | 60   | 1627870000 |
| <b>ZEW 35</b>              |         |      |            |
|                            | 6 mm    | 20   | 9540000000 |
| <b>ZTA 3 ZDU6</b>          |         |      |            |
|                            | 8.1 mm  | 25   | 1654050000 |
| <b>SDIS SL 1.0X4.5X125</b> |         |      |            |
|                            |         | 1    | 1274680000 |
| <b>ZAD 3/4</b>             |         |      |            |
|                            | 10 mm   | 20   | 1609120000 |

DEK 5/6 / WS 12/6

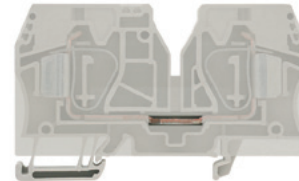
DEK 5/8 / WS 12/6

DEK 5/8 / WS 12/6



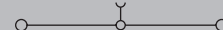
**16 mm<sup>2</sup>**

### Supply terminal



15 x 82.5 x 51.5

76 / 25  
1.5...25



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 500 | 600 (C)    | 600 (C)    |
| 76  | 65 (C)     | 65 (C)     |
| 16  | AWG 14...4 | AWG 14...4 |

8 kV / 3

A7 / V-0



KEMA 00ATEX2107 U

### Rated connection

1.5...16 / 1.5...25

$$1.5...16 / 1.5...16$$

18 / 1.0 x 5.5 mm

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| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZEI 16                | 20   | 1745350000 |
| ZEI 16 BL             | 20   | 1766240000 |
| Integrated end plate. |      |            |

| Type                | current  | Qty. | Order No.  |
|---------------------|----------|------|------------|
| ZQV 2.5/2           | 24 A     | 60   | 1608860000 |
| ZQV 4/3 GE          | 32 A     | 60   | 1608960000 |
| ZQV 6/4 GE          | 41 A     | 60   | 1627870000 |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
| Width               |          |      |            |
| ZEW 35              | 6 mm     | 20   | 9540000000 |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
| SDIS SL 1.0X4.5X125 |          | 1    | 1274680000 |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
| ZAD 5/5             | 14.15 mm | 20   | 1745210000 |
|                     |          |      |            |

DEK 5/5 / WS 15/5

## Feed-through terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |

## Note

## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |



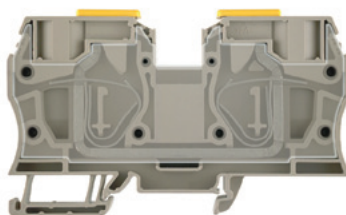
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |

## Note

## ZDU 35

35 mm<sup>2</sup>

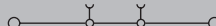
## Two connections



16 x 100.5 x 59.5

125 / 35

2.5...35



IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 800      | 600 (C)    | 600 (C)    | 550        |
| 125      | 120 (C)    | 120 (C)    | 109        |
| 35       | AWG 12...2 | AWG 12...2 | 35         |
| 8 kV / 3 |            |            |            |
| A8 / V-0 |            |            |            |

KEMA 00ATEX2107 U

## Rated connection

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10. Cross-connection of ZDU 16 and ZDU 35 is possible using the ZDV 35-16.

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZDU 35                | 10   | 1739620000 |
| ZDU 35 BL             | 10   | 1739630000 |
| Integrated end plate. |      |            |

| Type                | current  | Qty. | Order No.  |
|---------------------|----------|------|------------|
| ZDV 35/2            | 105 A    | 10   | 1739700000 |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
| Width               |          |      |            |
| ZEW 35              | 6 mm     | 20   | 9540000000 |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
| SDIS SL 1.0X4.5X125 |          | 1    | 1274680000 |
|                     |          |      |            |
|                     |          |      |            |
|                     |          |      |            |
| ZAD 6/5             | 18.74 mm | 20   | 1752620000 |
|                     |          |      |            |
|                     |          |      |            |



## Feed-through terminals

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

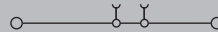
## ZDU 2.5-2

2.5 mm<sup>2</sup>

## Two connections



5.1 x 50.5 x 44  
24 / 4  
0.13...4



IEC 60947-7-1

Ex e II



II 2 G D

| IEC                                                                                                             | UL          | CSA         | EN 60079-7 |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|------------|
| 800                                                                                                             | 600 (C)     | 600 (C)     | 550        |
| 24                                                                                                              | 24 (C)      | 24 (C)      | 21         |
| 2.5                                                                                                             | AWG 26...12 | AWG 26...12 | 2.5        |
| 8 kV / 3                                                                                                        |             |             |            |
| A2 / V-0                                                                                                        |             |             |            |
| KEMA 97ATEX4677 U                                                                                               |             |             |            |
| Rated connection                                                                                                |             |             |            |
| 0.5...4                                                                                                         |             |             |            |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |            |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |            |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |            |

| Type                                                                   | Qty. | Order No.  |
|------------------------------------------------------------------------|------|------------|
| ZDU 2.5-2                                                              | 100  | 1772060000 |
| ZDU 2.5-2 BL                                                           | 100  | 1772070000 |
| The rated voltage is reduced to 400 V when using the cross-connection. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZAP/TW7 BL          | 2.5 mm  | 50   | 1706120000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 1/4-2 GE        | 8 mm    | 20   | 1764560000 |

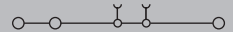
## ZDU 2.5-2/3AN

2.5 mm<sup>2</sup>

## Three connections



5.1 x 50.5 x 44  
24 / 4  
0.13...4



IEC 60947-7-1

Ex e II



II 2 G D

| IEC                                                                                                             | UL          | CSA         | EN 60079-7 |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|------------|
| 800                                                                                                             | 600 (C)     | 600 (C)     | 550        |
| 24                                                                                                              | 20 (C)      | 23 (C)      | 21         |
| 2.5                                                                                                             | AWG 26...12 | AWG 26...14 | 2.5        |
| 8 kV / 3                                                                                                        |             |             |            |
| A2 / V-0                                                                                                        |             |             |            |
| KEMA 97ATEX4677 U                                                                                               |             |             |            |
| Rated connection                                                                                                |             |             |            |
| 0.5...4                                                                                                         |             |             |            |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |            |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |            |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |            |

| Type                                                                   | Qty. | Order No.  |
|------------------------------------------------------------------------|------|------------|
| ZDU 2.5-2/3AN                                                          | 100  | 1706010000 |
| ZDU 2.5-2/3AN BL                                                       | 100  | 1706040000 |
| The rated voltage is reduced to 400 V when using the cross-connection. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZAP/TW7 BL          | 2.5 mm  | 50   | 1706120000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 1/4-2 GE        | 8 mm    | 20   | 1764560000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |



**4 mm<sup>2</sup>**

### Three connections



Ex e ||  || 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 32  | 33 (C)      | 35 (C)      | 28         |
| 4   | AWG 26...10 | AWG 26...10 | 4          |

8 kV / 3

A3 / V-0



**Rated connection**

0.5 6

05 4 / 05 4

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| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDU 4-2/3AN    | 100  | 1770360000 |
| ZDU 4-2/3AN BL | 100  | 1770860000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP ZDU4-2          | 2 mm    | 50   | 1770400000 |
| ZAP ZDU4-2 BL       | 2 mm    | 50   | 1770880000 |
|                     |         |      |            |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
|                     |         |      |            |
| ZTA 6/ZA            | 6.1 mm  | 25   | 1780660000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |
|                     |         |      |            |

WS 12/6

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

## Feed-through terminals

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |

## Note

## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |



| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

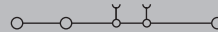
## ZDU 4-2/3AN LSC

4 mm<sup>2</sup>

## Three connections



6.1 x 61.5 x 46  
38 / 6  
0.13...6



IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL | CSA | EN 60079-7 |
|----------|----|-----|------------|
| 800      |    |     | 550        |
| 32       |    |     | 28         |
| 4        |    |     | 4          |
| 8 kV / 3 |    |     |            |
| A3 / V-0 |    |     |            |

KEMA 97ATEX4677 U

| Rated connection  |  |
|-------------------|--|
| 0.5...6           |  |
| 0.5...4 / 0.5...4 |  |
| 10 / 0.6 x 3.5 mm |  |

The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze frame.

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZDU 4-2/3AN LSC | 100  | 1790520000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| ZQV 4/2 GE  | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE  | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE  | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE | 32 A    | 20   | 1909010000 |

| Width         |      |
|---------------|------|
| ZAP ZDU4-2    | 2 mm |
| ZAP ZDU4-2 BL | 2 mm |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
|----------|--------|----|------------|

|                     |  |   |            |
|---------------------|--|---|------------|
| SDIS SL 0.6X3.5X100 |  | 1 | 1274660000 |
|---------------------|--|---|------------|

|         |      |    |            |
|---------|------|----|------------|
| ZAD 1/4 | 8 mm | 20 | 1609110000 |
|---------|------|----|------------|

DEK 5/6 / WS 12/6

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

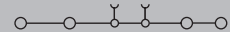
## ZDU 4-2/4AN

4 mm<sup>2</sup>

## Four connections



6.1 x 75.1 x 46  
32 / 6  
0.13...6



IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 32       | 33 (C)      | 35 (C)      | 28         |
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 8 kV / 3 |             |             |            |
| A3 / V-0 |             |             |            |

KEMA 97ATEX4677 U

| Rated connection  |  |
|-------------------|--|
| 0.5...6           |  |
| 0.5...4 / 0.5...4 |  |
| 10 / 0.6 x 3.5 mm |  |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDU 4-2/4AN    | 100  | 1806980000 |
| ZDU 4-2/4AN BL | 100  | 1806990000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| ZQV 4/2 GE  | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE  | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE  | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE | 32 A    | 20   | 1909010000 |

| Width             |      |
|-------------------|------|
| ZAP ZDU4-2/4AN    | 2 mm |
| ZAP ZDU4-2/4AN BL | 2 mm |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
|----------|--------|----|------------|

|                     |  |   |            |
|---------------------|--|---|------------|
| SDIS SL 0.6X3.5X100 |  | 1 | 1274660000 |
|---------------------|--|---|------------|

|         |      |    |            |
|---------|------|----|------------|
| ZAD 1/4 | 8 mm | 20 | 1609110000 |
|---------|------|----|------------|

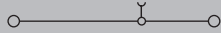
DEK 5/6 / WS 12/6

**ZDU 6-2/2AN****6 mm<sup>2</sup>**

Two connections



8.1 x 68 x 50  
**41 / 10**  
**0.22...10**



IEC 60947-7-1

Ex e II  II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 800 | 600 (C)    | 600 (C)    | 550        |
| 41  | 45 (C)     | 50 (C)     | 36         |
| 6   | AWG 22...8 | AWG 20...8 | 6          |

8 kV / 3

A5 / V-0



KEMA 97ATEX4677 U

**Rated connection**

0.5...10

0.5...10 / 0.5...6

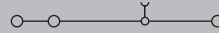
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

**ZDU 6-2/3AN****6 mm<sup>2</sup>**

Three connections



8.1 x 68 x 50  
**41 / 10**  
**0.22...10**



IEC 60947-7-1

Ex e II  II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 800 | 600 (C)    | 600 (C)    | 550        |
| 41  | 45 (C)     | 50 (C)     | 36         |
| 6   | AWG 22...8 | AWG 20...8 | 6          |

8 kV / 3

A5 / V-0



KEMA 97ATEX4677 U

**Rated connection**

0.5...10

0.5...10 / 0.5...6

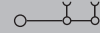
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

**ZEI 16-2 / 1 AN****16 mm<sup>2</sup>**

Supply terminal



14 x 61.5 x 51.5  
**76 / 25**  
**1.5...25**



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 800 | 600 (C)    | 600 (C)    |
| 76  | 65 (C)     | 65 (C)     |
| 16  | AWG 14...4 | AWG 14...4 |

6 kV / 3

A7 / V-0

**Rated connection**

1.5...10 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

| Type           | Qty. | Order No.         |
|----------------|------|-------------------|
| ZDU 6-2/2AN    | 50   | <b>1771380000</b> |
| ZDU 6-2/2AN BL | 50   | <b>1771390000</b> |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type           | Qty. | Order No.         |
|----------------|------|-------------------|
| ZDU 6-2/3AN    | 50   | <b>1771410000</b> |
| ZDU 6-2/3AN BL | 50   | <b>1771420000</b> |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type            | Qty. | Order No.         |
|-----------------|------|-------------------|
| ZEI 16-2/1AN    | 20   | <b>1772940000</b> |
| ZEI 16-2/1AN BL | 20   | <b>1772950000</b> |

Integrated end plate.

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| ZQV 6/2 GE          | 41 A    | 60   | <b>1627850000</b> |
| ZQV 6/3 GE          | 41 A    | 60   | <b>1627860000</b> |
| ZQV 6/4 GE          | 41 A    | 60   | <b>1627870000</b> |
| ZQV 6/24 GE         | 41 A    | 10   | <b>1908990000</b> |
| <b>Width</b>        |         |      |                   |
| ZAP ZDU6-2          | 2 mm    | 50   | <b>1771440000</b> |
| ZEW 35              | 6 mm    | 20   | <b>9540000000</b> |
| ZTA 7/ZA            | 8.1 mm  | 25   | <b>1780670000</b> |
| SDIS SL 0.8X4.0X100 |         | 1    | <b>1274670000</b> |

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| ZQV 6/2 GE          | 41 A    | 60   | <b>1627850000</b> |
| ZQV 6/3 GE          | 41 A    | 60   | <b>1627860000</b> |
| ZQV 6/4 GE          | 41 A    | 60   | <b>1627870000</b> |
| ZQV 6/24 GE         | 41 A    | 10   | <b>1908990000</b> |
| <b>Width</b>        |         |      |                   |
| ZAP ZDU6-2          | 2 mm    | 50   | <b>1771440000</b> |
| ZEW 35              | 6 mm    | 20   | <b>9540000000</b> |
| ZTA 7/ZA            | 8.1 mm  | 25   | <b>1780670000</b> |
| SDIS SL 0.8X4.0X100 |         | 1    | <b>1274670000</b> |

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| ZQV 2.5/2           | 24 A    | 60   | <b>1608860000</b> |
| ZQV 4/3 GE          | 32 A    | 60   | <b>1608960000</b> |
| ZQV 6/4 GE          | 41 A    | 60   | <b>1627870000</b> |
| <b>Width</b>        |         |      |                   |
| ZAP/Z...16-2/1AN    | 2.5 mm  | 10   | <b>1772970000</b> |
| ZEW 35              | 6 mm    | 20   | <b>9540000000</b> |
| SDIS SL 1.0X4.5X125 |         | 1    | <b>1274680000</b> |

DEK 5/8

DEK 5/8

DEK 8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

## Feed-through terminals

## Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

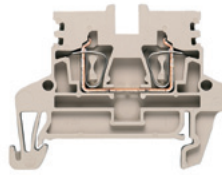
## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

## ZDU 2.5N

2.5 mm<sup>2</sup>

2 connections



5.1 x 50.5 x 39  
24 / 4  
0.05...4



IEC 60947-7-1

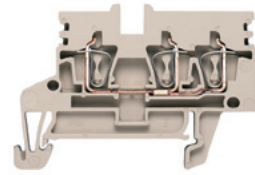
II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 300 (C)     | 300 (C)     |
| 24                                                                                                              | 20 (C)      | 24 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 6 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 1.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

## ZDU 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



5.1 x 56.5 x 39  
24 / 4  
0.05...4



IEC 60947-7-1

II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 300 (C)     | 300 (C)     |
| 24                                                                                                              | 20 (C)      | 24 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 6 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 1.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDU 2.5N    | 50   | 1933700000 |
| ZDU 2.5N BL | 50   | 1933710000 |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZDU 2.5N/3AN    | 50   | 1933720000 |
| ZDU 2.5N/3AN BL | 50   | 1933730000 |

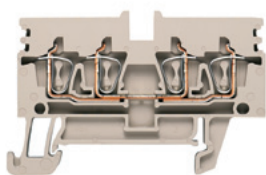
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDU/ZPE 2.5N | 2 mm    | 20   | 1933790000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 9/4             | 6 mm    | 20   | 1934160000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| ZQV 2.5/2               | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3               | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4               | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10              | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20              | 24 A    | 20   | 1908960000 |
| Width                   |         |      |            |
| ZAP/TW ZDU/ZPE 2.5N/3AN | 2 mm    | 50   | 1933800000 |
| ZEW 35                  | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5               | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA            | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100     |         | 1    | 1274660000 |
| ZRH 1.5H/1              | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2              | 4.85 mm | 1000 | 1678800000 |
| ZAD 9/4                 | 6 mm    | 20   | 1934160000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| DEK 5/5 / WS 10/5                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500). |

| DEK 5/5 / WS 10/5                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500). |

**ZDU 2.5N/4AN****2.5 mm<sup>2</sup>****4 connections**

5.1 x 60 x 39

**24 / 4****0.05...4**

IEC 60947-7-1

II 2 G D

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      | 300 (C)     | 300 (C)     |
| 24       | 20 (C)      | 24 (C)      |
| 2.5      | AWG 30...12 | AWG 30...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |

**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type            | Qty. | Order No.         |
|-----------------|------|-------------------|
| ZDU 2.5N/4AN    | 50   | <b>1933740000</b> |
| ZDU 2.5N/4AN BL | 50   | <b>1933750000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| ZQV 2.5/2               | 24 A    | 60   | <b>1608860000</b> |
| ZQV 2.5/3               | 24 A    | 60   | <b>1608870000</b> |
| ZQV 2.5/4               | 24 A    | 60   | <b>1608880000</b> |
| ZQV 2.5/10              | 24 A    | 20   | <b>1608940000</b> |
| ZQV 2.5/20              | 24 A    | 20   | <b>1908960000</b> |
| <b>Width</b>            |         |      |                   |
| ZAP/TW ZDU/ZPE 2.5N/4AN | 2 mm    | 50   | <b>1933810000</b> |
| ZEW 35                  | 6 mm    | 20   | <b>9540000000</b> |
| ZTA ZT2.5               | 5.1 mm  | 25   | <b>1827080000</b> |
| ZTA ZT2.5/ZA            | 5.1 mm  | 25   | <b>1847600000</b> |
| SDIS SL 0.6X3.5X100     |         | 1    | <b>1274660000</b> |
| ZRH 1.5H/1              | 4.85 mm | 1000 | <b>1678810000</b> |
| ZRH 1.5H/2              | 4.85 mm | 1000 | <b>1678800000</b> |
| ZAD 9/4                 | 6 mm    | 20   | <b>1934160000</b> |

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500).

## Double- / Multi-level terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

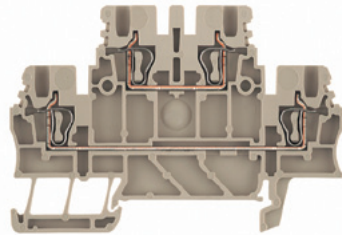
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 1.5-pole                                      |
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

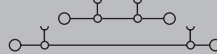
## ZDK 1.5

1.5 mm<sup>2</sup>

## Double-level terminal



3.5 x 75.5 x 50  
**17.5 / 1.5**  
**0.05...1.5**



IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   | 300 (D)     | 600 (C)     |
| 17.5                  | 10 (D)      | 10 (C)      |
| 1.5                   | AWG 28...16 | AWG 28...16 |
| 6 kV / 3              |             |             |
| B1 / V-0              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...1.5             |             |             |
| 0.5...1.5 / 0.5...1.5 |             |             |
| 10 / 0.4 x 2.0 mm     |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDK 1.5    | 100  | 1791100000 |
| ZDK 1.5 BL | 100  | 1791110000 |

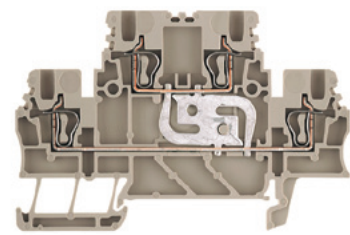
| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| ZQV 1.5/2        | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3        | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4        | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10       | 17.5 A  | 20   | 1776200000 |
| Width            |         |      |            |
| ZAP/TW ZDK1.5    | 2 mm    | 20   | 1791160000 |
| ZAP/TW ZDK1.5 BL | 2 mm    | 20   | 1791170000 |
| ZEW 35           |         |      |            |
|                  | 6 mm    | 20   | 9540000000 |
| ZTA 5            |         |      |            |
|                  | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA         |         |      |            |
|                  | 3.5 mm  | 25   | 1776220000 |
| SDS 0.4X2.0X60   |         |      |            |
|                  |         | 1    | 9037160000 |
| ZRH 1.5S/1       |         |      |            |
|                  | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2       |         |      |            |
|                  | 4.55 mm | 500  | 1781960000 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

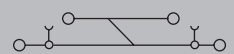
## ZDK 1.5V

1.5 mm<sup>2</sup>

## Vertically cross-connected double-level terminal



3.5 x 75.5 x 50  
**17.5 / 1.5**  
**0.05...1.5**



IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   | 300 (D)     | 600 (C)     |
| 17.5                  | 10 (D)      | 10 (C)      |
| 1.5                   | AWG 28...16 | AWG 28...16 |
| 6 kV / 3              |             |             |
| B1 / V-0              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...1.5             |             |             |
| 0.5...1.5 / 0.5...1.5 |             |             |
| 10 / 0.4 x 2.0 mm     |             |             |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDK 1.5V    | 100  | 1791130000 |
| ZDK 1.5V BL | 100  | 1791140000 |

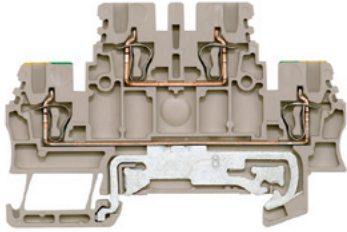
| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| ZQV 1.5/2        | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3        | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4        | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10       | 17.5 A  | 20   | 1776200000 |
| Width            |         |      |            |
| ZAP/TW ZDK1.5    | 2 mm    | 20   | 1791160000 |
| ZAP/TW ZDK1.5 BL | 2 mm    | 20   | 1791170000 |
| ZEW 35           |         |      |            |
|                  | 6 mm    | 20   | 9540000000 |
| ZTA 5            |         |      |            |
|                  | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA         |         |      |            |
|                  | 3.5 mm  | 25   | 1776220000 |
| SDS 0.4X2.0X60   |         |      |            |
|                  |         | 1    | 9037160000 |
| ZRH 1.5S/1       |         |      |            |
|                  | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2       |         |      |            |
|                  | 4.55 mm | 500  | 1781960000 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

ZDK 1.5 DU-PE

1.5 mm²

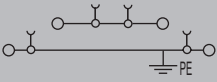
Double-level terminals (DU - PE)



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



| IEC 60947-7-1 (-7-2)                                                              |             |             |
|-----------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                               | UL          | CSA         |
| 500                                                                               | 300 (D)     |             |
| 17.5                                                                              | 10 (D)      |             |
| 1.5                                                                               | AWG 28...16 | AWG 28...16 |
| 6 kV / 3                                                                          |             |             |
| B1 / V-0                                                                          |             |             |
|  |             |             |
| Rated connection                                                                  |             |             |
| 0.5...1.5                                                                         |             |             |
| 0.5...1.5 / 0.5...1.5                                                             |             |             |
| 10 / 0.4 x 2.0 mm                                                                 |             |             |
|                                                                                   |             |             |

| Type                                                           | Qty. | Order No.  |
|----------------------------------------------------------------|------|------------|
| ZDK 1.5DU-PE                                                   | 100  | 1791120000 |
| Upper level: feed-through terminal<br>Lower level: PE terminal |      |            |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| ZQV 1.5/2        | 17.5 A  | 60   | 1776120000 |
| ZQV 1.5/3        | 17.5 A  | 60   | 1776130000 |
| ZQV 1.5/4        | 17.5 A  | 60   | 1776140000 |
| ZQV 1.5/10       | 17.5 A  | 20   | 1776200000 |
| Width            |         |      |            |
| ZAP/TW ZDK1.5    | 2 mm    | 20   | 1791160000 |
| ZAP/TW ZDK1.5 BL | 2 mm    | 20   | 1791170000 |
|                  |         |      |            |
| ZEW 35           | 6 mm    | 20   | 9540000000 |
|                  |         |      |            |
| ZTA 5            | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA         | 3.5 mm  | 25   | 1776220000 |
|                  |         |      |            |
| SDS 0.4X2.0X60   |         | 1    | 9037160000 |
|                  |         |      |            |
| ZRH 1.5S/1       | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2       | 4.55 mm | 500  | 1781960000 |

|           |
|-----------|
| DEK 5/3,5 |
|-----------|



## Double- / Multi-level terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

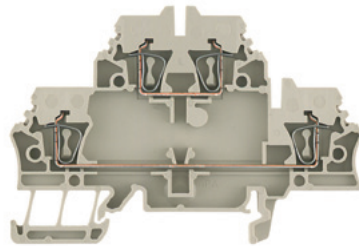
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 1.5-pole                                      |
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

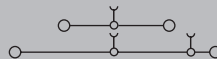
## ZDK 2.5

2.5 mm<sup>2</sup>

## Double-level terminal



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500      | 300 (C)     | 300 (C)     | 275        |
| 20       | 15 (C)      | 25 (C)      | 18         |
| 2.5      | AWG 26...14 | AWG 26...12 | 2.5        |
| 6 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |

KEMA 97ATEX4677 U

## Rated connection

|                       |
|-----------------------|
| 0.5...2.5             |
| 0.5...2.5 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm     |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type                                                         | Qty. | Order No.  |
|--------------------------------------------------------------|------|------------|
| ZDK 2.5                                                      | 50   | 1674300000 |
| ZDK 2.5 BL                                                   | 50   | 1678630000 |
| ZBS 1 component plug ZBS 1 can be used for LED (1764550000). |      |            |

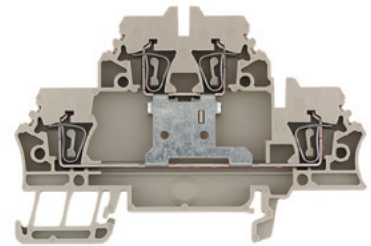
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZAP/TW ZDK2.5 BL    | 1.5 mm  | 20   | 1748800000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| ZTA 4               |         |      |            |
|                     | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          |         |      |            |
|                     | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          |         |      |            |
|                     | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 12/5  
ZVQ 2.5/15 (1720700000) connects two busbars, one above the other.

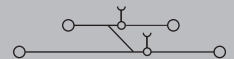
## ZDK 2.5 V

2.5 mm<sup>2</sup>

## Vertically cross-connected double-level terminal



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500      | 300 (C)     | 300 (D)     | 275        |
| 20       | 15 (C)      | 10 (D)      | 20         |
| 2.5      | AWG 26...14 | AWG 26...12 | 2.5        |
| 6 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |

KEMA 97ATEX4677 U

## Rated connection

|                       |
|-----------------------|
| 0.5...2.5             |
| 0.5...2.5 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm     |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

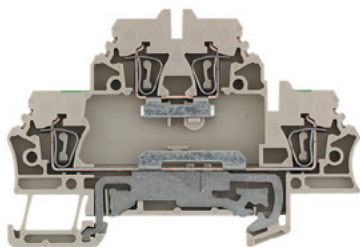
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDK 2.5V    | 50   | 1689990000 |
| ZDK 2.5V BL | 50   | 1745880000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZAP/TW ZDK2.5 BL    | 1.5 mm  | 20   | 1748800000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| ZTA 4               |         |      |            |
|                     | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          |         |      |            |
|                     | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          |         |      |            |
|                     | 4.85 mm | 1000 | 1678800000 |

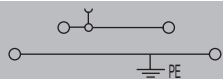
DEK 5/5 / WS 10/5

**ZDK 2.5 DU-PE****2.5 mm<sup>2</sup>**

Phase - PE conductor



5.1 x 79.5 x 54  
**24 / 2.5**  
**0.05...2.5**



IEC 60947-7-1 (-7-2)

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 500 | 300 (C)     | 300 (D)     | 275        |
| 20  | 15 (C)      | 10 (D)      | 20         |
| 2.5 | AWG 26...14 | AWG 26...12 | 2.5        |

6 kV / 3

A2 / V-0



KEMA 97ATEX4677 U

**Rated connection**

0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

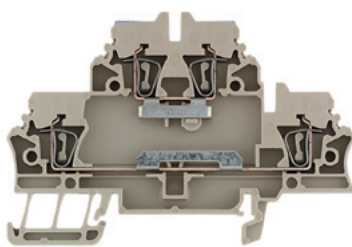
| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| ZDK 2.5DU-PE | 50   | <b>1689970000</b> |

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| ZQV 2.5/2           | 24 A    | 60   | <b>1608860000</b> |
| ZQV 2.5/3           | 24 A    | 60   | <b>1608870000</b> |
| ZQV 2.5/4           | 24 A    | 60   | <b>1608880000</b> |
| ZQV 2.5/10          | 24 A    | 20   | <b>1608940000</b> |
| ZQV 2.5/20          | 24 A    | 20   | <b>1908960000</b> |
| <b>Width</b>        |         |      |                   |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | <b>1674730000</b> |
| ZAP/TW ZDK2.5 BL    | 1.5 mm  | 20   | <b>1748800000</b> |
|                     |         |      |                   |
| ZEW 35              | 6 mm    | 20   | <b>9540000000</b> |
|                     |         |      |                   |
| ZTA 4               | 5.1 mm  | 25   | <b>1688110000</b> |
|                     |         |      |                   |
| SDIS SL 0.6X3.5X100 |         | 1    | <b>1274660000</b> |
|                     |         |      |                   |
| ZRH 1.5H/1          | 4.85 mm | 1000 | <b>1678810000</b> |
| ZRH 1.5H/2          | 4.85 mm | 1000 | <b>1678800000</b> |

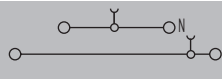
DEK 5/5 / WS 12/5

**ZDK 2.5 N-DU****2.5 mm<sup>2</sup>**

Neutral conductor - phase



5.1 x 79.5 x 54  
**23 / 2.5**  
**0.05...2.5**



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 500 | 300 (C)     | 300 (D)     | 275        |
| 20  | 15 (C)      | 10 (D)      | 20         |
| 2.5 | AWG 26...14 | AWG 26...12 | 2.5        |

6 kV / 3

A2 / V-0



KEMA 97ATEX4677 U

**Rated connection**

0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

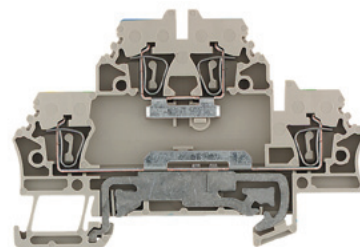
| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| ZDK 2.5N-DU | 50   | <b>1689960000</b> |

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| ZQV 2.5/2           | 24 A    | 60   | <b>1608860000</b> |
| ZQV 2.5/3           | 24 A    | 60   | <b>1608870000</b> |
| ZQV 2.5/4           | 24 A    | 60   | <b>1608880000</b> |
| ZQV 2.5/10          | 24 A    | 20   | <b>1608940000</b> |
| ZQV 2.5/20          | 24 A    | 20   | <b>1908960000</b> |
| <b>Width</b>        |         |      |                   |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | <b>1674730000</b> |
| ZAP/TW ZDK2.5 BL    | 1.5 mm  | 20   | <b>1748800000</b> |
|                     |         |      |                   |
| ZEW 35              | 6 mm    | 20   | <b>9540000000</b> |
|                     |         |      |                   |
| ZTA 4               | 5.1 mm  | 25   | <b>1688110000</b> |
|                     |         |      |                   |
| SDIS SL 0.6X3.5X100 |         | 1    | <b>1274660000</b> |
|                     |         |      |                   |
| ZRH 1.5H/1          | 4.85 mm | 1000 | <b>1678810000</b> |
| ZRH 1.5H/2          | 4.85 mm | 1000 | <b>1678800000</b> |

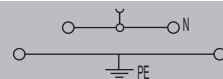
DEK 5/5 / WS 12/5

**ZDK 2.5 N-PE****2.5 mm<sup>2</sup>**

Neutral &amp; PE conductor



5.1 x 79.5 x 54  
**24 / 2.5**  
**0.05...2.5**



IEC 60947-7-1 (-7-2)

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 500 | 300 (C)     | 300 (D)     | 275        |
| 20  | 15 (C)      | 10 (D)      | 20         |
| 2.5 | AWG 26...14 | AWG 26...12 | 2.5        |

6 kV / 3

A2 / V-0



KEMA 97ATEX4677 U

**Rated connection**

0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type        | Qty. | Order No.         |
|-------------|------|-------------------|
| ZDK 2.5N-PE | 50   | <b>1689980000</b> |

| Type                | current | Qty. | Order No.         |
|---------------------|---------|------|-------------------|
| ZQV 2.5/2           | 24 A    | 60   | <b>1608860000</b> |
| ZQV 2.5/3           | 24 A    | 60   | <b>1608870000</b> |
| ZQV 2.5/4           | 24 A    | 60   | <b>1608880000</b> |
| ZQV 2.5/10          | 24 A    | 20   | <b>1608940000</b> |
| ZQV 2.5/20          | 24 A    | 20   | <b>1908960000</b> |
| <b>Width</b>        |         |      |                   |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | <b>1674730000</b> |
| ZAP/TW ZDK2.5 BL    | 1.5 mm  | 20   | <b>1748800000</b> |
|                     |         |      |                   |
| ZEW 35              | 6 mm    | 20   | <b>9540000000</b> |
|                     |         |      |                   |
| ZTA 4               | 5.1 mm  | 25   | <b>1688110000</b> |
|                     |         |      |                   |
| SDIS SL 0.6X3.5X100 |         | 1    | <b>1274660000</b> |
|                     |         |      |                   |
| ZRH 1.5H/1          | 4.85 mm | 1000 | <b>1678810000</b> |
| ZRH 1.5H/2          | 4.85 mm | 1000 | <b>1678800000</b> |

DEK 5/5 / WS 12/5

## Double- / Multi-level terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

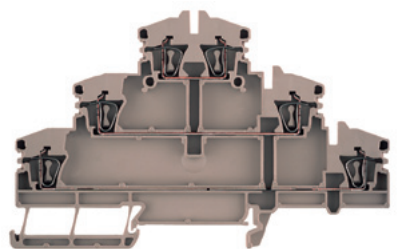
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 1.5-pole                                      |
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

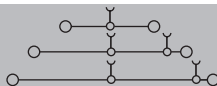
## ZDLD 2.5-2 N

2.5 mm<sup>2</sup>

## Three levels



5.1 x 110.5 x 70  
20 / 2.5  
0.13...2.5



IEC 60947-7-1

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                                             | 300 (D)     | 300 (D)     |
| 20                                                                                                              | 10 (D)      | 10 (D)      |
| 2.5                                                                                                             | AWG 26...12 | AWG 26...12 |
| 6 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...2.5                                                                                                       |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDLD 2.5-2N    | 50   | 1782300000 |
| ZDLD 2.5-2N BL | 50   | 1782310000 |

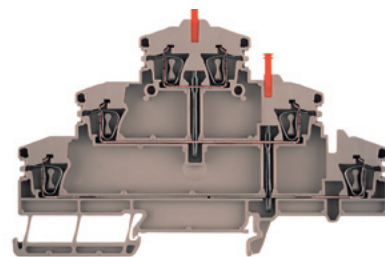
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZVQ 2.5/1.5          | 23 A    | 50   | 1720700000 |
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20           | 24 A    | 20   | 1908960000 |
| Width                |         |      |            |
| ZAP/TW ZDLD2.5-2N    | 1.5 mm  | 20   | 1782340000 |
| ZAP/TW ZDLD2.5-2N BL | 1.5 mm  | 20   | 1782350000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| ZTA 4                |         |      |            |
|                      | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100  |         |      |            |
|                      |         | 1    | 1274660000 |
| SWIFTY SET           |         |      |            |
|                      | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1           |         |      |            |
|                      | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2           |         |      |            |
|                      | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 12/5  
ZVQ 2.5/15 (1720700000) connects two busbars, one above the other.

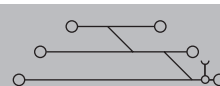
## ZDLD 2.5-2 VN

2.5 mm<sup>2</sup>

## Vertically cross-connected multi-level terminal



5.1 x 110.5 x 70  
20 / 2.5  
0.13...2.5



IEC 60947-7-1

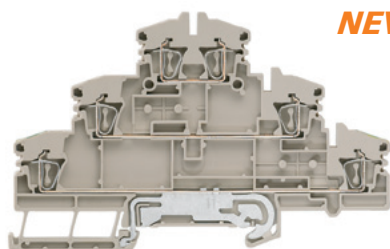
| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                                             | 300 (D)     | 300 (D)     |
| 20                                                                                                              | 10 (D)      | 10 (D)      |
| 2.5                                                                                                             | AWG 26...12 | AWG 26...12 |
| 6 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...2.5                                                                                                       |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZDLD 2.5-2VN    | 25   | 1782320000 |
| ZDLD 2.5-2VN BL | 25   | 1782330000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20           | 24 A    | 20   | 1908960000 |
| Width                |         |      |            |
| ZAP/TW ZDLD2.5-2N    | 1.5 mm  | 20   | 1782340000 |
| ZAP/TW ZDLD2.5-2N BL | 1.5 mm  | 20   | 1782350000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| ZTA 4                |         |      |            |
|                      | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100  |         |      |            |
|                      |         | 1    | 1274660000 |
| SWIFTY SET           |         |      |            |
|                      | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1           |         |      |            |
|                      | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2           |         |      |            |
|                      | 4.85 mm | 1000 | 1678800000 |

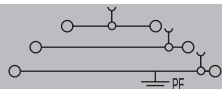
DEK 5/5 / WS 12/5

ZOLD 2.5-2 N PE/L/L

2.5 mm<sup>2</sup>

NEW

5.1 x 110.5 x 70  
/ 2.5  
0.08...2.5



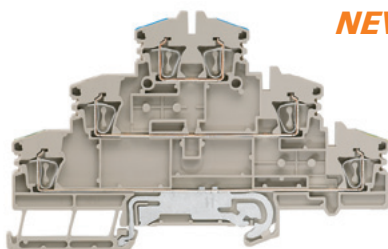
| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   | 150 (C)     | 150 (C)     |
| 20                    | 15 (C)      | 15 (C)      |
| 2.5                   | AWG 26...12 | AWG 26...12 |
| 6 kV / 3              |             |             |
| A2 / V-0              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...2.5             |             |             |
| 0.5...2.5 / 0.5...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZOLD 2.5-2N/PE/L/L | 50   | 1131750000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZVQ 2.5/1.5          | 23 A    | 50   | 1720700000 |
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| Width                |         |      |            |
| ZAP/TW ZOLD2.5-2N    | 1.5 mm  | 20   | 1782340000 |
| ZAP/TW ZOLD2.5-2N BL | 1.5 mm  | 20   | 1782350000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| ZTA 4                |         |      |            |
|                      | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100  |         |      |            |
|                      |         | 1    | 1274660000 |
| SWIFTY SET           |         |      |            |
|                      | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1           |         |      |            |
|                      | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2           |         |      |            |
|                      | 4.85 mm | 1000 | 1678800000 |

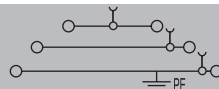
DEK 5/5 / WS 12/5

ZOLD 2.5-2 N PE/L/N

2.5 mm<sup>2</sup>

NEW

5.1 x 110.5 x 70  
/ 2.5  
0.08...2.5



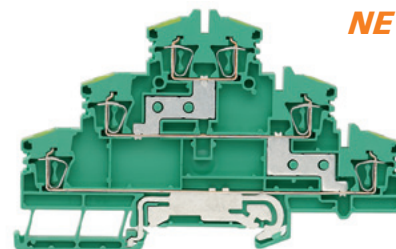
| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   | 150 (C)     | 150 (C)     |
| 20                    | 15 (C)      | 15 (C)      |
| 2.5                   | AWG 26...12 | AWG 26...12 |
| 6 kV / 3              |             |             |
| A2 / V-0              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...2.5             |             |             |
| 0.5...2.5 / 0.5...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZOLD 2.5-2N/PE/L/N | 50   | 1131760000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZVQ 2.5/1.5          | 23 A    | 50   | 1720700000 |
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20           | 24 A    | 20   | 1908960000 |
| Width                |         |      |            |
| ZAP/TW ZOLD2.5-2N    | 1.5 mm  | 20   | 1782340000 |
| ZAP/TW ZOLD2.5-2N BL | 1.5 mm  | 20   | 1782350000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| ZTA 4                |         |      |            |
|                      | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100  |         |      |            |
|                      |         | 1    | 1274660000 |
| SWIFTY SET           |         |      |            |
|                      | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1           |         |      |            |
|                      | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2           |         |      |            |
|                      | 4.85 mm | 1000 | 1678800000 |

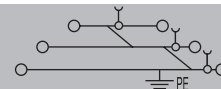
DEK 5/5 / WS 12/5

ZOLD 2.5-2 N PE

2.5 mm<sup>2</sup>

NEW

5.1 x 110.5 x 70  
/ 2.5  
0.08...2.5



| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   |             |             |
| 20                    |             |             |
| 2.5                   | AWG 26...12 | AWG 26...12 |
| 6 kV / 3              |             |             |
| A2 / V-0              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...2.5             |             |             |
| 0.5...2.5 / 0.5...1.5 |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZOLD 2.5-2N PE | 50   | 1131740000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZVQ 2.5/1.5          | 23 A    | 50   | 1720700000 |
| ZQV 2.5/2            | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3            | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4            | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10           | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20           | 24 A    | 20   | 1908960000 |
| Width                |         |      |            |
| ZAP/TW ZOLD2.5-2N    | 1.5 mm  | 20   | 1782340000 |
| ZAP/TW ZOLD2.5-2N BL | 1.5 mm  | 20   | 1782350000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| ZTA 4                |         |      |            |
|                      | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100  |         |      |            |
|                      |         | 1    | 1274660000 |
| SWIFTY SET           |         |      |            |
|                      | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1           |         |      |            |
|                      | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2           |         |      |            |
|                      | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

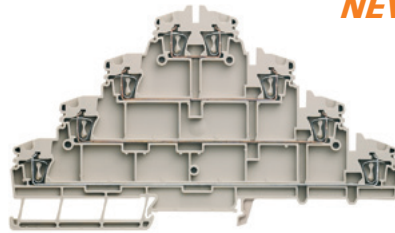
## Double- / Multi-level terminals

## Standard form

ZVLD 2.5

2.5 mm<sup>2</sup>

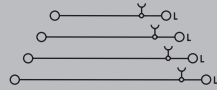
NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

5.1 x 148 x 86  
/ 2.5  
0.14...2.5



## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

IEC 60947-7-1

| IEC | UL       | CSA |
|-----|----------|-----|
| 250 |          |     |
| 24  |          |     |
| 2.5 |          |     |
|     | 6 kV / 3 |     |
|     | / V-0    |     |

## Rated connection

|                       |
|-----------------------|
| 0.5...2.5 / 0.5...2.5 |
| 0.5...2.5 / 0.5...2.5 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZVLD 2.5 | 50   | 1208920000 |

## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 1.5-pole                                      |
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |



| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZVQ 2.5/1.5  | 23 A    | 50   | 1720700000 |
| ZQV 2.5/2    | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3    | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4    | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10   | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20   | 24 A    | 20   | 1908960000 |
| Width        |         |      |            |
| ZAP ZVLD 2.5 | 1.5 mm  | 10   | 1210410000 |
|              |         |      |            |
| ZEW 35/2     | 8 mm    | 20   | 8630740000 |
|              |         |      |            |
| ZTA ZVLD     | 5.1 mm  | 50   | 1210390000 |
| ZTA ZVLD/ZA  | 5.1 mm  | 50   | 1271870000 |
|              |         |      |            |
|              |         |      |            |
|              |         |      |            |
|              |         |      |            |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5



## Double- / Multi-level terminals

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

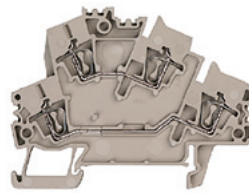
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

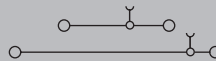
## ZDK 2.5-2

2.5 mm<sup>2</sup>

## Double-level terminal



5.1 x 72.5 x 55.5  
24 / 4  
0.05...4



IEC 60947-7-1

II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 600 (C)     | 600 (C)     |
| 24                                                                                                              | 20 (C)      | 25 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 8 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4                                                                                                         |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type                                                                   | Qty. | Order No.  |
|------------------------------------------------------------------------|------|------------|
| ZDK 2.5-2                                                              | 50   | 1790990000 |
| ZDK 2.5-2 BL                                                           | 50   | 1791000000 |
| The rated voltage is reduced to 400 V when using the cross-connection. |      |            |

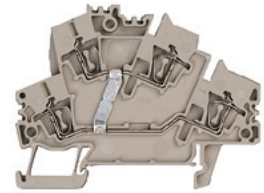
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5-2     | 2 mm    | 20   | 1791050000 |
| ZAP/TW ZDK2.5-2 BL  | 2 mm    | 20   | 1791060000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 1/4-2 GE        | 8 mm    | 20   | 1764560000 |

DEK 5/5 / WS 10/5  
ZDK 2.5-2/LD 24VUC order number 1905310000

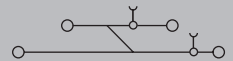
## ZDK 2.5-2V

2.5 mm<sup>2</sup>

## Vertical cross-connected double-level terminal



5.1 x 72.5 x 55.5  
24 / 4  
0.05...4



IEC 60947-7-1

II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 600 (C)     | 300 (D)     |
| 24                                                                                                              | 20 (C)      | 10 (D)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 8 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4                                                                                                         |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type                                                                   | Qty. | Order No.  |
|------------------------------------------------------------------------|------|------------|
| ZDK 2.5-2V                                                             | 50   | 1791030000 |
| ZDK 2.5-2V BL                                                          | 50   | 1791040000 |
| The rated voltage is reduced to 400 V when using the cross-connection. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5-2     | 2 mm    | 20   | 1791050000 |
| ZAP/TW ZDK2.5-2 BL  | 2 mm    | 20   | 1791060000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 1/4-2 GE        | 8 mm    | 20   | 1764560000 |

DEK 5/5 / WS 10/5



## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

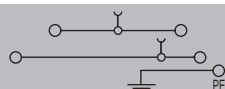
## ZDKPE 2.5-2

2.5 mm<sup>2</sup>

Double-tier terminal with one-sided  
PE connection



5.1 x 89.5 x 60.5  
24 / 4  
0.05...4



IEC 60947-7-1 (-7-2)

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 600 (C)     | 300 (D)     |
| 24                                                                                                              | 20 (C)      | 10 (D)      |
| 2.5                                                                                                             | AWG 26...12 | AWG 30...12 |
| 8 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4                                                                                                         |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type                                                                   | Qty. | Order No.  |
|------------------------------------------------------------------------|------|------------|
| ZDKPE 2.5-2                                                            | 50   | 1805940000 |
| The rated voltage is reduced to 400 V when using the cross-connection. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDKPE2.5-2   | 2 mm    | 25   | 1805960000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| SWIFTY SET          | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 1/4-2 GE        | 8 mm    | 20   | 1764560000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

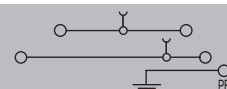
## ZDKPE 2.5-2/N/L/PE

2.5 mm<sup>2</sup>

Double-tier terminal with one-sided  
PE connection



5.1 x 89.5 x 60.5  
24 / 4  
0.05...4



IEC 60947-7-1 (-7-2)

| IEC                                                                                                             | UL          | CSA |
|-----------------------------------------------------------------------------------------------------------------|-------------|-----|
| 800                                                                                                             | 600 (C)     |     |
| 24                                                                                                              | 20 (C)      |     |
| 2.5                                                                                                             | AWG 26...12 |     |
| 8 kV / 3                                                                                                        |             |     |
| A2 / V-0                                                                                                        |             |     |
|                                                                                                                 |             |     |
| Rated connection                                                                                                |             |     |
| 0.5...4                                                                                                         |             |     |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |     |
| 10 / 0.6 x 3.5 mm                                                                                               |             |     |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |     |

| Type                                                                   | Qty. | Order No.  |
|------------------------------------------------------------------------|------|------------|
| ZDKPE 2.5-2/N/L/PE                                                     | 50   | 1895700000 |
| The rated voltage is reduced to 400 V when using the cross-connection. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDKPE2.5-2   | 2 mm    | 25   | 1805960000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| SWIFTY SET          | 18 mm   | 1    | 9006060000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 1/4-2 GE        | 8 mm    | 20   | 1764560000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## Double- / Multi-level terminals

## Roof-style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

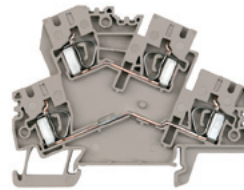
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
|                             | Blue Wemid                                    |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
|                             | With "swifty set" cutting device              |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZDK 4-2

4 mm<sup>2</sup>

## Double-level terminal



|                 |  |
|-----------------|--|
| 6.1 x 77.6 x 61 |  |
| 32 / 6          |  |
| 0.13...6        |  |

IEC 60947-7-1

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 800               | 600 (C)     | 600 (C)     |
| 32                | 25 (C)      | 30 (C)      |
| 4                 | AWG 26...10 | AWG 26...10 |
| 8 kV / 3          |             |             |
| A3 / V-0          |             |             |
|                   |             |             |
| Rated connection  |             |             |
| 0.5...6           |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 10 / 0.6 x 3.5 mm |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDK 4-2    | 50   | 8670750000 |
| ZDK 4-2 BL | 50   | 8670850000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP/TW ZDK4-2       | 2 mm    | 50   | 8670760000 |
| ZAP/TW ZDK4-2 BL    | 2 mm    | 50   | 8670620000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 6/ZA            | 6.1 mm  | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZDK 4-2 V

4 mm<sup>2</sup>

## Vertical cross-connected double-level terminal



|                 |  |
|-----------------|--|
| 6.1 x 77.6 x 61 |  |
| 32 / 6          |  |
| 0.13...6        |  |

IEC 60947-7-1

| IEC               | UL          | CSA         |
|-------------------|-------------|-------------|
| 800               | 600 (C)     | 600 (C)     |
| 32                | 25 (C)      | 30 (C)      |
| 4                 | AWG 26...10 | AWG 26...10 |
| 8 kV / 3          |             |             |
| A3 / V-0          |             |             |
|                   |             |             |
| Rated connection  |             |             |
| 0.5...6           |             |             |
| 0.5...4 / 0.5...4 |             |             |
| 10 / 0.6 x 3.5 mm |             |             |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZDK 4-2 V | 50   | 8671080000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP/TW ZDK4-2       | 2 mm    | 50   | 8670760000 |
| ZAP/TW ZDK4-2 BL    | 2 mm    | 50   | 8670620000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 6/ZA            | 6.1 mm  | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZAD 1/4             | 8 mm    | 20   | 1609110000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

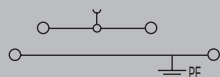
## ZDK 4-2 DU/PE

4 mm<sup>2</sup>

Phase - PE conductor



6.1 x 77.6 x 61  
32 / 6  
0.13...6



IEC 60947-7-1 (-7-2)

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      | 600 (C)     | 600 (C)     |
| 32       | 25 (C)      | 30 (C)      |
| 4        | AWG 26...10 | AWG 26...10 |
| 8 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

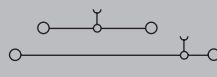
## ZDK 4-2/N/L

4 mm<sup>2</sup>

Double-level terminal



6.1 x 77.6 x 61  
32 / 6  
0.13...6



IEC 60947-7-1

| IEC      | UL          | CSA |
|----------|-------------|-----|
| 800      | 600 (C)     |     |
| 32       | 25 (C)      |     |
| 4        | AWG 26...10 |     |
| 8 kV / 3 |             |     |
| A3 / V-0 |             |     |



## Rated connection

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

## ZDK 4-2/2AN

4 mm<sup>2</sup>

NEW



8.1 x 78 x 61  
/ 6  
0.13...6



| IEC      | UL          | CSA |
|----------|-------------|-----|
| 800      |             |     |
| 32       |             |     |
| 4        | AWG 26...10 |     |
| / 3      |             |     |
| A3 / V-0 |             |     |



## Rated connection

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZDK 4-2/DU-PE | 50   | 8671120000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDK 4-2/N/L | 50   | 1905170000 |

Upper level printed blue

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDK 4-2/2AN | 50   | 1119700000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP/TW ZDK4-2       | 2 mm    | 50   | 8670760000 |
| ZAP/TW ZDK4-2 BL    | 2 mm    | 50   | 8670620000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| ZTA 6/ZA            |         |      |            |
|                     | 6.1 mm  | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZAD 1/4             |         |      |            |
|                     | 8 mm    | 20   | 1609110000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP/TW ZDK4-2       | 2 mm    | 50   | 8670760000 |
| ZAP/TW ZDK4-2 BL    | 2 mm    | 50   | 8670620000 |
| ZEW 35              |         |      |            |
|                     | 6 mm    | 20   | 9540000000 |
| ZTA 6/ZA            |         |      |            |
|                     | 6.1 mm  | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZAD 1/4             |         |      |            |
|                     | 8 mm    | 20   | 1609110000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 6/ZA            |         |      |            |
|                     | 6.1 mm  | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZAD 1/4             |         |      |            |
|                     | 8 mm    | 20   | 1609110000 |

DEK 5/6

DEK 5/6

DEK 5/6

## Double- / Multi-level terminals

## Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

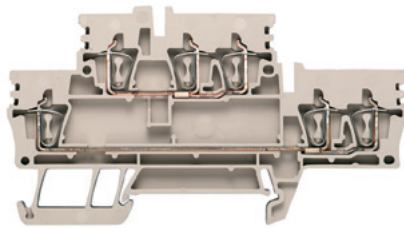
## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | Standard                                      |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                       |                                               |
|                             | With lightning flash symbol                   |

## ZDK 2.5/3AN

2.5 mm<sup>2</sup>

## Double-level terminal



|                 |  |
|-----------------|--|
| 5.1 x 93 x 51.5 |  |
| 24 / 4          |  |
| 0.05...4        |  |

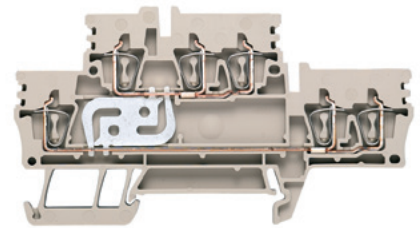
IEC 60947-7-1 II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 300 (C)     | 300 (C)     |
| 24                                                                                                              | 20 (C)      | 24 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 8 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 0.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

## ZDK 2.5/3AN V

2.5 mm<sup>2</sup>

## Vertical cross-connected double-level terminal



|                 |  |
|-----------------|--|
| 5.1 x 93 x 51.5 |  |
| 24 / 4          |  |
| 0.05...4        |  |

IEC 60947-7-1 II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 800                                                                                                             | 300 (C)     | 300 (C)     |
| 24                                                                                                              | 20 (C)      | 24 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 8 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 0.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type                                                                      | Qty. | Order No.  |
|---------------------------------------------------------------------------|------|------------|
| ZDK 2.5/3AN                                                               | 50   | 1924510000 |
| ZDK 2.5/3AN BL                                                            | 50   | 1924500000 |
| Diode versions ZDK 2.5/3AN D1, 1924440000 and ZDK 2.5/3AN D2, 1924450000. |      |            |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZDK 2.5/3AN V    | 50   | 1924490000 |
| ZDK 2.5/3AN V BL | 50   | 1924480000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK 2.5/3AN  | 1.5 mm  | 20   | 1924910000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 9/4             | 6 mm    | 20   | 1934160000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK 2.5/3AN  | 1.5 mm  | 20   | 1924910000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 9/4             | 6 mm    | 20   | 1934160000 |

Identification systems (see assortment in catalogue 7)

Marking tags

## Note

SNAPMARK I / DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500).

SNAPMARK I / DEK 5/5 / WS 10/5

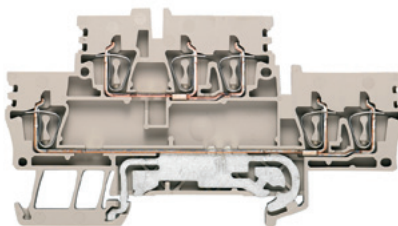
2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500).

## Compact style

## ZDK 2.5/3AN DU-PE

2.5 mm<sup>2</sup>

## Double-level terminal (DU-PE)



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

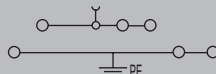
## Accessories

| Pluggable cross-connection                                                          |                                               |
|-------------------------------------------------------------------------------------|-----------------------------------------------|
|  | 2-pole                                        |
|                                                                                     | 3-pole                                        |
|                                                                                     | 4-pole                                        |
|                                                                                     | 10-pole                                       |
|                                                                                     | 20-/24-pole                                   |
| End plate / Partition plate                                                         |                                               |
|                                                                                     | Dark beige Wemid                              |
| End bracket                                                                         |                                               |
|                                                                                     | Dark beige Wemid                              |
| Test adapter                                                                        |                                               |
|                                                                                     | Standard                                      |
|                                                                                     | With assembly peg                             |
| Screwdriver                                                                         |                                               |
|                                                                                     | Standard                                      |
| Reducing sleeves                                                                    |                                               |
|                                                                                     | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                                                                                     | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Cover                                                                               |                                               |
|  | With lightning flash symbol                   |

5.1 x 93 x 51.5

31 / 4

0.05...4



IEC 60947-7-1 (-7-2)

II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 800                                                                                                             |             |             |
| 8                                                                                                               |             |             |
|                                                                                                                 | 3           |             |
|                                                                                                                 | A2 / V-0    |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 0.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...2.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| ZDK 2.5/3AN DU-PE | 50   | 1924460000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK 2.5/3AN  | 1.5 mm  | 20   | 1924910000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAD 9/4             | 6 mm    | 20   | 1934160000 |

## Identification systems (see assortment in catalogue 7)

Marking tags

## Note

SNAPMARK I / DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500).

## Motor-connect terminal blocks

### Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

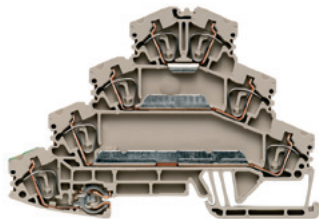
### Accessories

| End plate / Partition plate |                                               |
|-----------------------------|-----------------------------------------------|
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| Test adapter                |                                               |
|                             | Standard                                      |

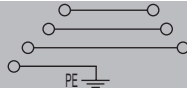
### ZMAK 2.5

2.5 mm<sup>2</sup>

#### Motor-supply terminal



5.1 x 102 x 70  
31 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 400                 | 300 (D)     | 300 (D)     |
| 24                  | 10 (D)      | 25 (D)      |
| 2.5                 | AWG 26...12 | AWG 26...12 |
| 6 kV / 3            |             |             |
| A3 / V-0            |             |             |
|                     |             |             |
| Rated connection    |             |             |
| 0.5...4             |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 10 / 0.6 x 3.5 mm   |             |             |
| Note                |             |             |

| Type                                                                    | Qty. | Order No.  |
|-------------------------------------------------------------------------|------|------------|
| ZMAK 2.5                                                                | 25   | 1768000000 |
| The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm! |      |            |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP ZMAK2.5         | 1.5 mm  | 10   | 1768010000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |

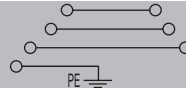
### ZMAK 2.5 690 V

2.5 mm<sup>2</sup>

#### Motor-supply terminal



6.1 x 102 x 70  
31 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC                 | UL          | CSA |
|---------------------|-------------|-----|
| 690                 | 300 (D)     |     |
| 24                  | 10 (D)      |     |
| 2.5                 | AWG 26...12 |     |
| 6 kV / 3            |             |     |
| A3 / V-0            |             |     |
|                     |             |     |
| Rated connection    |             |     |
| 0.5...4             |             |     |
| 0.5...4 / 0.5...2.5 |             |     |
| 10 / 0.6 x 3.5 mm   |             |     |
| Note                |             |     |

| Type                                                                    | Qty. | Order No.  |
|-------------------------------------------------------------------------|------|------------|
| ZMAK 2.5 690V                                                           | 25   | 1027550000 |
| The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm! |      |            |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP ZMAK2.5         | 1.5 mm  | 10   | 1768010000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

|                   |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

|                   |
|-------------------|
| DEK 5/5 / WS 12/5 |
|                   |





## PE terminals

## Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

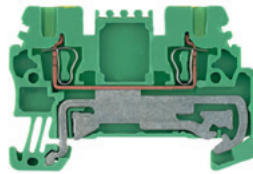
## Accessories

| End plate / Partition plate | Dark beige Wemid                                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------|
| End bracket                 | Dark beige Wemid                                                                               |
| Test adapter                | Standard<br>With assembly peg                                                                  |
| Screwdriver                 | Standard                                                                                       |
| Reducing sleeves            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

## ZPE 1.5

## Two connections



3.5 x 54.5 x 37  
/ 1.5  
0.05...1.5



IEC 60947-7-2

Ex e II



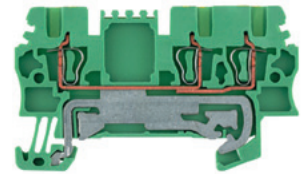
II 2 G D

| IEC                   | UL          | CSA         | EN 60079-7 |
|-----------------------|-------------|-------------|------------|
| 1.5                   | AWG 26...14 | AWG 26...14 | 1.5        |
| 500                   |             |             |            |
| 6                     |             |             |            |
|                       | 3           |             |            |
|                       | B1 / V-0    |             |            |
| KEMA 01ATEX2106 U     |             |             |            |
| Rated connection      |             |             |            |
| 0.5...1.5             |             |             |            |
| 0.5...1.5 / 0.5...1.5 |             |             |            |
| 10 / 0.4 x 2.0 mm     |             |             |            |

1.5 mm<sup>2</sup>

## ZPE 1.5/3AN

## Three connections



3.5 x 63 x 37  
/ 1.5  
0.05...1.5



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                   | UL          | CSA         | EN 60079-7 |
|-----------------------|-------------|-------------|------------|
| 1.5                   | AWG 26...14 | AWG 26...14 | 1.5        |
| 500                   |             |             |            |
| 6                     |             |             |            |
|                       | 3           |             |            |
|                       | B1 / V-0    |             |            |
| KEMA 01ATEX2106 U     |             |             |            |
| Rated connection      |             |             |            |
| 0.5...1.5             |             |             |            |
| 0.5...1.5 / 0.5...1.5 |             |             |            |
| 10 / 0.4 x 2.0 mm     |             |             |            |

1.5 mm<sup>2</sup>

| Type    | Qty. | Order No.  |
|---------|------|------------|
| ZPE 1.5 | 100  | 1775510000 |

| Type              | Width   | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZAP/TW ZDU1.5/2AN | 2 mm    | 20   | 1776030000 |
| ZEW 35            | 6 mm    | 20   | 9540000000 |
| ZTA 5             | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA          | 3.5 mm  | 25   | 1776220000 |
| SDS 0.4X2.0X60    |         | 1    | 9037160000 |
| ZRH 1.5S/1        | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2        | 4.55 mm | 500  | 1781960000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 1.5/3AN | 100  | 1775560000 |

| Type              | Width   | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZAP/TW ZDU1.5/3AN | 2 mm    | 20   | 1776060000 |
| ZEW 35            | 6 mm    | 20   | 9540000000 |
| ZTA 5             | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA          | 3.5 mm  | 25   | 1776220000 |
| SDS 0.4X2.0X60    |         | 1    | 9037160000 |
| ZRH 1.5S/1        | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2        | 4.55 mm | 500  | 1781960000 |

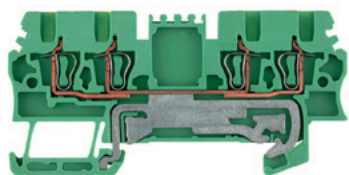
| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

## ZPE 1.5/4AN

1.5 mm<sup>2</sup>

Four connections



3.5 x 75.5 x 37  
/ 1.5  
0.05...1.5



IEC 60947-7-2

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 1.5      | AWG 26...14 | AWG 26...12 | 1.5        |
| 500      |             |             |            |
| 6        |             |             |            |
| 3        |             |             |            |
| B1 / V-0 |             |             |            |

KEMA 01ATEX2106 U

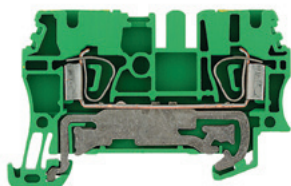
Rated connection

0.5...1.5  
0.5...1.5 / 0.5...1.5  
10 / 0.4 x 2.0 mm

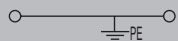
## ZPE 2.5

2.5 mm<sup>2</sup>

Two connections



5.1 x 63 x 39.5  
/ 4  
0.05...4



IEC 60947-7-2

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 2.5      | AWG 30...12 | AWG 26...12 | 2.5        |
| 800      |             |             |            |
| 8        |             |             |            |
| 3        |             |             |            |
| A3 / V-0 |             |             |            |

KEMA 97ATEX2521 U

Rated connection

0.5...4  
0.5...4 / 0.5...2.5  
10 / 0.6 x 3.5 mm

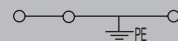
## ZPE 2.5/3AN

2.5 mm<sup>2</sup>

Three connections



5.1 x 64.5 x 39.5  
/ 4  
0.05...4



IEC 60947-7-2

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 2.5      | AWG 30...12 | AWG 26...12 | 2.5        |
| 800      |             |             |            |
| 8        |             |             |            |
| 3        |             |             |            |
| A3 / V-0 |             |             |            |

KEMA 97ATEX2521 U

Rated connection

0.5...4  
0.5...4 / 0.5...2.5  
10 / 0.6 x 3.5 mm

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 1.5/4AN | 100  | 1775620000 |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| ZPE 2.5 | 100  | 1608640000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 2.5/3AN | 100  | 1608650000 |

| Type              | Width   | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZAP/TW ZDU1.5/4AN | 2 mm    | 20   | 1776090000 |
| ZEW 35            | 6 mm    | 20   | 9540000000 |
| ZTA 5             | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA          | 3.5 mm  | 25   | 1776220000 |
| SDS 0.4X2.0X60    |         | 1    | 9037160000 |
| ZRH 1.5S/1        | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2        | 4.55 mm | 500  | 1781960000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW 1            | 2 mm    | 50   | 1608740000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA            | 5.1 mm  | 25   | 1609050000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW 2 DB         | 2 mm    | 50   | 1608770000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 1               | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA            | 5.1 mm  | 25   | 1609050000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |

DEK 5/3,5 / WS 12/3,5

DEK 5/5 / WS 10/5

DEK 5/5 / WS 10/5

## PE terminals

## Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

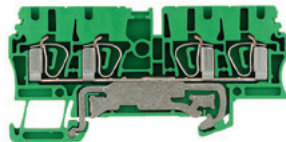
## Accessories

| End plate / Partition plate | Dark beige Wemid                                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------|
| End bracket                 | Dark beige Wemid                                                                               |
| Test adapter                | Standard<br>With assembly peg                                                                  |
| Screwdriver                 | Standard                                                                                       |
| Reducing sleeves            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

## ZPE 2.5/4AN

2.5 mm<sup>2</sup>

## Four connections



5.1 x 79.5 x 39.5  
/ 4  
0.05...4



IEC 60947-7-2

Ex e II



II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 2.5      | AWG 30...12 | AWG 26...12 | 2.5        |
| 800      |             |             |            |
| 8        |             |             |            |
| 3        |             |             |            |
| A3 / V-0 |             |             |            |

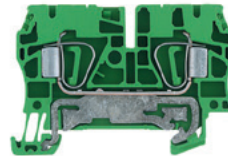
KEMA 97ATEX2521 U

| Rated connection    |  |
|---------------------|--|
| 0.5...4             |  |
| 0.5...4 / 0.5...2.5 |  |
| 10 / 0.6 x 3.5 mm   |  |

## ZPE 4

4 mm<sup>2</sup>

## Two connections



6.1 x 64 x 43.5  
/ 6  
0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 800      |             |             |            |
| 8        |             |             |            |
| 3        |             |             |            |
| A4 / V-0 |             |             |            |

KEMA 97ATEX2521 U

| Rated connection  |  |
|-------------------|--|
| 0.5...6 / 1.5...6 |  |
| 0.5...6 / 0.5...4 |  |
| 12 / 0.6 x 3.5 mm |  |

Identification systems (see assortment in catalogue 7)

Marking tags

## Note

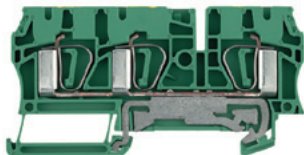
DEK 5/5 / WS 10/5

DEK 5/6 / WS 12/6

## ZPE 4/3 AN

4 mm<sup>2</sup>

Three connections



6.1 x 85.5 x 43.5

/ 6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 800      |             |             |            |
| 8        |             |             |            |
| 3        |             |             |            |
| A4 / V-0 |             |             |            |

KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6

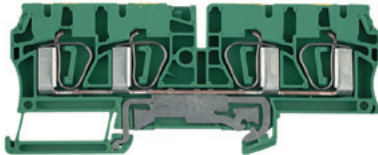
0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

## ZPE 4/4 AN

4 mm<sup>2</sup>

Four connections



6.1 x 104.5 x 43.5

/ 6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 800      |             |             |            |
| 8        |             |             |            |
| 3        |             |             |            |
| A4 / V-0 |             |             |            |

KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZPE 4/3AN | 50   | 7904170000 |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZPE 4/4AN | 50   | 7904280000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW 4/3AN        | 2 mm   | 20   | 7904100000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 2 ZDU4          | 6.1 mm | 25   | 1609060000 |
| ZTA 2/ZA ZDU4       | 6.1 mm | 25   | 1609070000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |
| ZRH 4/1 WS          | 7.4 mm | 1000 | 1636640000 |
| ZRH 4/2             | 7.4 mm | 1000 | 1636650000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW4/4AN         | 2 mm   | 20   | 7904210000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 2 ZDU4          | 6.1 mm | 25   | 1609060000 |
| ZTA 2/ZA ZDU4       | 6.1 mm | 25   | 1609070000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |
| ZRH 4/1 WS          | 7.4 mm | 1000 | 1636640000 |
| ZRH 4/2             | 7.4 mm | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

DEK 5/6 / WS 12/6

## PE terminals

## Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

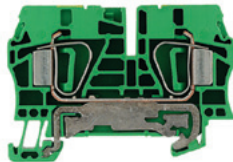
## Accessories

| End plate / Partition plate |                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------|
|                             | Dark beige Wemid                                                                               |
| End bracket                 |                                                                                                |
|                             | Dark beige Wemid                                                                               |
| Test adapter                |                                                                                                |
|                             | Standard<br>With assembly peg                                                                  |
| Screwdriver                 |                                                                                                |
|                             | Standard                                                                                       |
| Reducing sleeves            |                                                                                                |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

## ZPE 6

6 mm<sup>2</sup>

## Two connections



|                 |  |
|-----------------|--|
| 8.1 x 65 x 45.5 |  |
| / 10            |  |
| 0.22...10       |  |

| IEC 60947-7-2       | Ex e II    | Ex         | II 2 G D   |
|---------------------|------------|------------|------------|
| IEC                 | UL         | CSA        | EN 60079-7 |
| 6                   | AWG 22...8 | AWG 20...8 | 6          |
| 800                 |            |            |            |
| 8                   |            |            |            |
|                     | 3          |            |            |
|                     | A5 / V-0   |            |            |
| KEMA 97ATEX2521 U   |            |            |            |
| Rated connection    |            |            |            |
| 0.5...10 / 1.5...10 |            |            |            |
| 0.5...10 / 0.5...6  |            |            |            |
| 13 / 0.6 x 3.5 mm   |            |            |            |

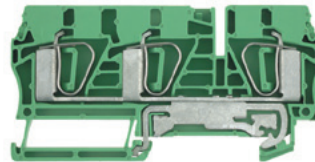
| Type  | Qty. | Order No.  |
|-------|------|------------|
| ZPE 6 | 50   | 1608670000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW 5            | 2 mm   | 50   | 1608830000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 3 ZDU6          | 8.1 mm | 25   | 1654050000 |
| SDIS SL 1.0X4.5X125 |        | 1    | 1274680000 |

## ZPE 6/3 AN

6 mm<sup>2</sup>

## Three connections



|                 |  |
|-----------------|--|
| 8.1 x 90 x 45.5 |  |
| / 10            |  |
| 0.22...10       |  |

| IEC 60947-7-2       | Ex e II    | Ex         | II 2 G D   |
|---------------------|------------|------------|------------|
| IEC                 | UL         | CSA        | EN 60079-7 |
| 6                   | AWG 22...8 | AWG 20...8 | 6          |
| 800                 |            |            |            |
| 8                   |            |            |            |
|                     | 3          |            |            |
|                     | A5 / V-0   |            |            |
| KEMA 00ATEX2107 U   |            |            |            |
| Rated connection    |            |            |            |
| 0.5...10 / 1.5...10 |            |            |            |
| 0.5...10 / 0.5...6  |            |            |            |
| 13 / 0.6 x 3.5 mm   |            |            |            |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZPE 6/3AN | 50   | 7907400000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW6/3AN         | 2 mm   | 20   | 7907370000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 3 ZDU6          | 8.1 mm | 25   | 1654050000 |
| SDIS SL 1.0X4.5X125 |        | 1    | 1274680000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

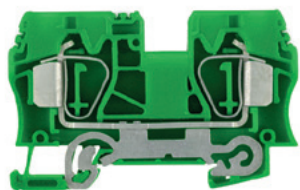
|                   |
|-------------------|
| DEK 5/8 / WS 12/6 |
|-------------------|

|                   |
|-------------------|
| DEK 5/8 / WS 12/6 |
|-------------------|

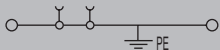
## ZPE 10

10 mm<sup>2</sup>

Two connections



10.1 x 73.5 x 50.5  
/ 16  
1.31...16



IEC 60947-7-2

Ex e II



II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 10  | AWG 16...6 | AWG 16...6 | 10         |
| 800 |            |            |            |
| 8   |            |            |            |
|     | 3          |            |            |
|     | A6 / V-0   |            |            |



KEMA 99ATEX5514 U

## Rated connection

1.5...16 / 10...16

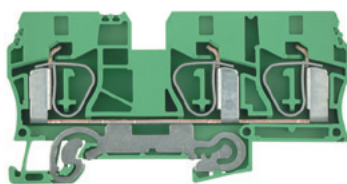
1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

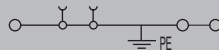
## ZPE 10/3 AN

10 mm<sup>2</sup>

Three connections



10.1 x 99 x 50.5  
/ 16  
1.31...16



IEC 60947-7-2

Ex e II



II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 10  | AWG 16...6 | AWG 16...6 | 10         |
| 800 |            |            |            |
| 8   |            |            |            |
|     | 3          |            |            |
|     | A6 / V-0   |            |            |



KEMA 00ATEX2107 U

## Rated connection

1.5...16 / 10...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

| Type   | Qty. | Order No.  |
|--------|------|------------|
| ZPE 10 | 25   | 1746770000 |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZPE 10/3AN | 20   | 1767670000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW ZDU10        | 2.7 mm | 20   | 1748660000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
|                     |        |      |            |
|                     |        |      |            |
| SDIS SL 1.0X4.5X125 |        | 1    | 1274680000 |
|                     |        |      |            |
|                     |        |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP/TW 10/16        | 3 mm  | 20   | 1749580000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
|                     |       |      |            |
|                     |       |      |            |
| SDIS SL 1.0X4.5X125 |       | 1    | 1274680000 |
|                     |       |      |            |
|                     |       |      |            |

DEK 5/5 / WS 12/6

DEK 5/5 / WS 12/6

## PE terminals

## Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

## Accessories

| End plate / Partition plate | Dark beige Wemid                                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------|
| End bracket                 | Dark beige Wemid                                                                               |
| Test adapter                | Standard<br>With assembly peg                                                                  |
| Screwdriver                 | Standard                                                                                       |
| Reducing sleeves            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

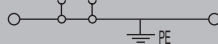
## ZPE 16

16 mm<sup>2</sup>

## Two connections



12.1 x 82.5 x 51.5  
/ 25  
1.5...25



IEC 60947-7-2

Ex e II II 2 G D

| IEC                 | UL         | CSA        | EN 60079-7 |
|---------------------|------------|------------|------------|
| 16                  | AWG 14...4 | AWG 14...4 | 16         |
| 800                 |            |            |            |
| 8                   |            |            |            |
| 3                   |            |            |            |
| A7 / V-0            |            |            |            |
| KEMA 99ATEX5514 U   |            |            |            |
| Rated connection    |            |            |            |
| 1.5...16 / 16...25  |            |            |            |
| 1.5...16 / 1.5...16 |            |            |            |
| 18 / 1.0 x 5.5 mm   |            |            |            |

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

| Type   | Qty. | Order No.  |
|--------|------|------------|
| ZPE 16 | 25   | 1745250000 |

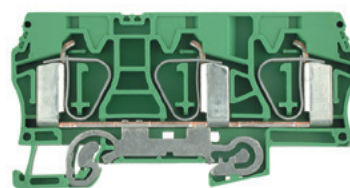
| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP/TW ZDU16        | 3 mm  | 20   | 1745150000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |       | 1    | 1274680000 |

DEK 5/5 / WS 15/5  
The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

## ZPE 16/3AN

16 mm<sup>2</sup>

## Three connections



12.1 x 99 x 51.5  
/ 25  
1.5...25



IEC 60947-7-2

Ex e II II 2 G D

| IEC                 | UL         | CSA        | EN 60079-7 |
|---------------------|------------|------------|------------|
| 16                  | AWG 14...4 | AWG 14...4 | 16         |
| 800                 |            |            |            |
| 8                   |            |            |            |
| 3                   |            |            |            |
| A7 / V-0            |            |            |            |
| KEMA 00ATEX2107 U   |            |            |            |
| Rated connection    |            |            |            |
| 1.5...16 / 16...25  |            |            |            |
| 1.5...16 / 1.5...16 |            |            |            |
| 18 / 1.0 x 5.5 mm   |            |            |            |

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZPE 16/3AN | 20   | 1768310000 |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP/TW 10/16        | 3 mm  | 20   | 1749580000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |       | 1    | 1274680000 |

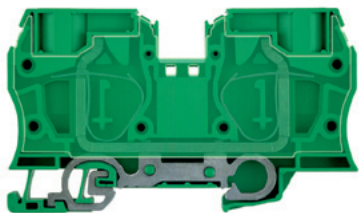
DEK 5/5 / WS 15/5



## ZPE 35

35 mm<sup>2</sup>

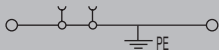
Two connections



16 x 100.5 x 59.5

/ 35

2.5...35



IEC 60947-7-2

Ex e II



II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 35  | AWG 12...2 | AWG 12...2 | 35         |
| 800 |            |            |            |
| 8   |            |            |            |
|     | 3          |            |            |
|     | A8 / V-0   |            |            |



KEMA 00ATEX2107 U

## Rated connection

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZPE 35                | 10   | 1739650000 |
| Integrated end plate. |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
|                     |       |      |            |
|                     |       |      |            |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
|                     |       |      |            |
|                     |       |      |            |
|                     |       |      |            |
| SDIS SL 1.0X4.5X125 |       | 1    | 1274680000 |
|                     |       |      |            |
|                     |       |      |            |

DEK 5/5 / WS 15/5

The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

## PE terminals

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

## Accessories

| End plate / Partition plate | Dark beige Wemid                                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------|
| End bracket                 | Dark beige Wemid                                                                               |
| Test adapter                | With assembly peg                                                                              |
| Screwdriver                 | Standard                                                                                       |
| Reducing sleeves            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

## ZPE 2.5-2

2.5 mm<sup>2</sup>

## Two connections



5.1 x 50.5 x 44  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                   | UL                           | CSA         | EN 60079-7 |
|-----------------------|------------------------------|-------------|------------|
| 2.5                   | AWG 26...12                  | AWG 26...12 | 2.5        |
| 800                   |                              |             |            |
| 8                     |                              |             |            |
|                       | 300 A (2.5 mm <sup>2</sup> ) |             |            |
|                       | 3                            |             |            |
|                       | A2 / V-0                     |             |            |
| KEMA 97ATEX4677 U     |                              |             |            |
| Rated connection      |                              |             |            |
| 0.5...4               |                              |             |            |
| 0.5...2.5 / 0.5...2.5 |                              |             |            |
| 10 / 0.6 x 3.5 mm     |                              |             |            |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZPE 2.5-2 | 100  | 1772090000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 14/5

## ZPE 2.5-2/3AN

2.5 mm<sup>2</sup>

## Three connections



5.1 x 50.5 x 44  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                   | UL                           | CSA         | EN 60079-7 |
|-----------------------|------------------------------|-------------|------------|
| 2.5                   | AWG 26...12                  | AWG 26...14 | 2.5        |
| 800                   |                              |             |            |
| 8                     |                              |             |            |
|                       | 300 A (2.5 mm <sup>2</sup> ) |             |            |
|                       | 3                            |             |            |
|                       | A2 / V-0                     |             |            |
| KEMA 97ATEX4677 U     |                              |             |            |
| Rated connection      |                              |             |            |
| 0.5...4               |                              |             |            |
| 0.5...2.5 / 0.5...2.5 |                              |             |            |
| 10 / 0.6 x 3.5 mm     |                              |             |            |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZPE 2.5-2/3AN | 100  | 1706090000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 14/5

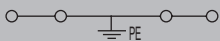
## ZPE 2.5-2/4AN

2.5 mm<sup>2</sup>

Four connections



5.1 x 50.5 x 44  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II II 2 G D

| IEC                          | UL          | CSA         | EN 60079-7 |
|------------------------------|-------------|-------------|------------|
| 2.5                          | AWG 26...12 | AWG 26...14 | 2.5        |
| 800                          |             |             |            |
| 8                            |             |             |            |
| 300 A (2.5 mm <sup>2</sup> ) |             |             |            |
| 3                            |             |             |            |
| A2 / V-0                     |             |             |            |

KEMA 97ATEX4677 U

## Rated connection

0.5...4  
0.5...2.5 / 0.5...2.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZPE 2.5-2/4AN | 100  | 1706100000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

## ZPE 4-2/2AN

4 mm<sup>2</sup>

Two connections



6.1 x 61.5 x 46  
/ 6  
0.13...6



IEC 60947-7-2

Ex e II II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 26...10 | AWG 26...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A3 / V-0                   |             |             |            |

KEMA 97ATEX4677 U

## Rated connection

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 4-2/2AN | 100  | 1770380000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP ZDU4-2          | 2 mm   | 50   | 1770400000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 6/ZA            | 6.1 mm | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |
| ZRH 4/1 WS          | 7.4 mm | 1000 | 1636640000 |
| ZRH 4/2             | 7.4 mm | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

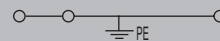
## ZPE 4-2/3AN

4 mm<sup>2</sup>

Three connections



6.1 x 61.5 x 46  
/ 6  
0.13...6



IEC 60947-7-2

Ex e II II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 26...10 | AWG 26...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A3 / V-0                   |             |             |            |

KEMA 97ATEX4677 U

## Rated connection

0.5...6  
0.5...4 / 0.5...4  
10 / 0.6 x 3.5 mm

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 4-2/3AN | 100  | 1770390000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP ZDU4-2          | 2 mm   | 50   | 1770400000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 6/ZA            | 6.1 mm | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |
| ZRH 4/1 WS          | 7.4 mm | 1000 | 1636640000 |
| ZRH 4/2             | 7.4 mm | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

## PE terminals

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

## Accessories

| End plate / Partition plate                   |
|-----------------------------------------------|
| Dark beige Wemid                              |
| End bracket                                   |
| Dark beige Wemid                              |
| Test adapter                                  |
| With assembly peg                             |
| Screwdriver                                   |
| Standard                                      |
| Reducing sleeves                              |
| For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
| For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

## ZPE 4-2/4 AN

4 mm<sup>2</sup>

Four connections



|               |
|---------------|
| 6.1 x 75 x 46 |
| / 6           |
| 0.13...6      |



IEC 60947-7-2 Ex e II II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 26...10 | AWG 26...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A3 / V-0                   |             |             |            |
| KEMA 97ATEX4677 U          |             |             |            |
| Rated connection           |             |             |            |
| 0.5...6                    |             |             |            |
| 0.5...4 / 0.5...4          |             |             |            |
| 10 / 0.6 x 3.5 mm          |             |             |            |

## ZPE 6-2/2AN

6 mm<sup>2</sup>

Two connections



|               |
|---------------|
| 8.1 x 68 x 50 |
| / 10          |
| 0.22...10     |



IEC 60947-7-2 Ex e II II 2 G D

| IEC                        | UL         | CSA        | EN 60079-7 |
|----------------------------|------------|------------|------------|
| 6                          | AWG 22...8 | AWG 20...8 | 6          |
| 800                        |            |            |            |
| 8                          |            |            |            |
| 720 A (6 mm <sup>2</sup> ) |            |            |            |
| 3                          |            |            |            |
| A5 / V-0                   |            |            |            |
| KEMA 97ATEX4677 U          |            |            |            |
| Rated connection           |            |            |            |
| 0.5...10                   |            |            |            |
| 0.5...10 / 0.5...6         |            |            |            |
| 12 / 0.6 x 3.5 mm          |            |            |            |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 6-2/2AN | 50   | 1771370000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP ZDU6-2          | 2 mm   | 50   | 1771440000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 7/ZA            | 8.1 mm | 25   | 1780670000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |

|                        |                                 |
|------------------------|---------------------------------|
| Identification systems | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/6 / WS 12/6

DEK 5/8

## ZPE 6-2/3AN

6 mm<sup>2</sup>

Three connections



8.1 x 68 x 50  
/ 10  
0.22...10



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                        | UL         | CSA        | EN 60079-7 |
|----------------------------|------------|------------|------------|
| 6                          | AWG 22...8 | AWG 20...8 | 6          |
| 800                        |            |            |            |
| 8                          |            |            |            |
| 720 A (6 mm <sup>2</sup> ) |            |            |            |
| 3                          |            |            |            |
| A5 / V-0                   |            |            |            |



KEMA 97ATEX4677 U

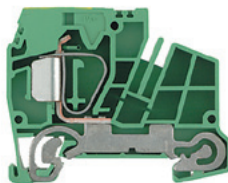
## Rated connection

0.5...10  
0.5...10 / 0.5...6  
12 / 0.6 x 3.5 mm

## ZPE 16-2/1AN

16 mm<sup>2</sup>

Supply terminal - PE



12 x 65 x 51.5  
/ 25  
1.5...25



IEC 60947-7-2

| IEC                          | UL         | CSA         |
|------------------------------|------------|-------------|
| 16                           | AWG 14...4 | AWG 26...14 |
| 800                          |            |             |
| 8                            |            |             |
| 1920 A (16 mm <sup>2</sup> ) |            |             |
| 3                            |            |             |
| A7 / V-0                     |            |             |



## Rated connection

1.5...10 / 16...25  
1.5...16 / 1.5...16  
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPE 6-2/3AN | 50   | 1771360000 |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| ZPE 16-2/1AN | 20   | 1772960000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP ZDU6-2          | 2 mm   | 50   | 1771440000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 7/ZA            | 8.1 mm | 25   | 1780670000 |
| SDIS SL 0.8X4.0X100 |        | 1    | 1274670000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/Z...16-2/1AN    | 2.5 mm | 10   | 1772970000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |        | 1    | 1274680000 |

DEK 5/8

DEK 5/8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

## PE terminals

## Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

## Accessories

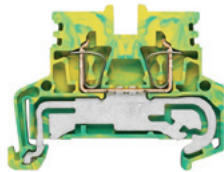
| End plate / Partition plate | Dark beige Wemid                                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------|
| End bracket                 | Dark beige Wemid                                                                               |
| Test adapter                | Standard<br>With assembly peg                                                                  |
| Screwdriver                 | Standard                                                                                       |
| Reducing sleeves            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems | (see assortment in catalogue 7)<br>Marking tags |
|------------------------|-------------------------------------------------|
| Note                   |                                                 |

## ZPE 2.5N

2.5 mm<sup>2</sup>

2 connections



5.1 x 50.5 x 39  
/ 4  
0.05...4



IEC 60947-7-2

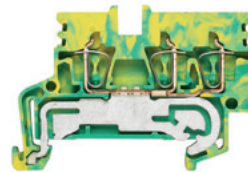
II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 800                                                                                                             |             |             |
| 6                                                                                                               |             |             |
|                                                                                                                 | 3           |             |
|                                                                                                                 | A2 / V-0    |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 1.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

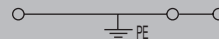
## ZPE 2.5N/3AN

2.5 mm<sup>2</sup>

3 connections



5.1 x 56.5 x 39  
/ 4  
0.05...4



IEC 60947-7-2

II 2 G D

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 800                                                                                                             |             |             |
| 6                                                                                                               |             |             |
|                                                                                                                 | 3           |             |
|                                                                                                                 | A2 / V-0    |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 1.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZPE 2.5N | 50   | 1933760000 |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| ZPE 2.5N/3AN | 50   | 1933770000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW ZDU/ZPE 2.5N | 2 mm    | 20   | 1933790000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

| Type                    | Width   | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| ZAP/TW ZDU/ZPE 2.5N/3AN | 2 mm    | 50   | 1933800000 |
| ZEW 35                  | 6 mm    | 20   | 9540000000 |
| ZTA ZT2.5               | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA            | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100     |         | 1    | 1274660000 |
| ZRH 1.5H/1              | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2              | 4.85 mm | 1000 | 1678800000 |

| DEK 5/5 / WS 10/5                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |

| DEK 5/5 / WS 10/5                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |

**ZPE 2.5N/4AN****2.5 mm<sup>2</sup>****4 connections**

5.1 x 60 x 39

/ 4

**0.05...4**

IEC 60947-7-2

II 2 G D

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 2.5 | AWG 30...12 | AWG 30...12 |
| 800 |             |             |
| 6   |             |             |
|     | 3           |             |
|     | A2 / V-0    |             |

**Rated connection**

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type         | Qty. | Order No.         |
|--------------|------|-------------------|
| ZPE 2.5N/4AN | 50   | <b>1933780000</b> |

| Type                    | Width   | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| ZAP/TW ZDU/ZPE 2.5N/4AN | 2 mm    | 50   | <b>1933810000</b> |
| ZEW 35                  | 6 mm    | 20   | <b>9540000000</b> |
| ZTA ZT2.5               | 5.1 mm  | 25   | <b>1827080000</b> |
| ZTA ZT2.5/ZA            | 5.1 mm  | 25   | <b>1847600000</b> |
| SDIS SL 0.6X3.5X100     |         | 1    | <b>1274660000</b> |
| ZRH 1.5H/1              | 4.85 mm | 1000 | <b>1678810000</b> |
| ZRH 1.5H/2              | 4.85 mm | 1000 | <b>1678800000</b> |

DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).



## PE terminals

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| <b>Clamped conductors (H05V/H07V)</b>                |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

## Accessories

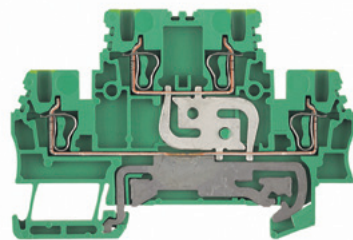
|                                    |                                                                                                |
|------------------------------------|------------------------------------------------------------------------------------------------|
| <b>End bracket</b>                 | Dark beige Wemid                                                                               |
| <b>Test adapter</b>                | Standard<br>With assembly peg                                                                  |
| <b>Reducing sleeves</b>            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |
| <b>End plate / Partition plate</b> | Dark beige Wemid                                                                               |
| <b>Screwdriver</b>                 | Standard                                                                                       |
| <b>Reducing sleeves</b>            | For conductors < 0.5 mm <sup>2</sup> / AWG 20<br>For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| <b>Identification systems</b> | (see assortment in catalogue 7)<br>Marking tags |
| <b>Note</b>                   |                                                 |

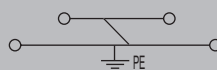
## ZDK 1.5 PE

1.5 mm<sup>2</sup>

## Double-level terminal



3.5 x 75.5 x 50  
/ 1.5  
0.05...1.5



IEC 60947-7-2

Ex e II Ex II 2 G D

| IEC                   | UL          | CSA         | EN 60079-7 |
|-----------------------|-------------|-------------|------------|
| 1.5                   | AWG 28...16 | AWG 28...16 | 1.5        |
| 500                   |             |             |            |
| 6                     |             |             |            |
|                       | 3           |             |            |
|                       | B1 / V-0    |             |            |
| KEMA 01ATEX2106 U     |             |             |            |
| Rated connection      |             |             |            |
| 0.5...1.5             |             |             |            |
| 0.5...1.5 / 0.5...1.5 |             |             |            |
| 10 / 0.4 x 2.0 mm     |             |             |            |

## Note

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZDK 1.5PE | 100  | 1791150000 |

| Type           | Width   | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZEW 35         | 6 mm    | 20   | 9540000000 |
| ZTA 5          | 3.5 mm  | 25   | 1776210000 |
| ZTA 5/ZA       | 3.5 mm  | 25   | 1776220000 |
| ZRH 1.5S/1     | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2     | 4.55 mm | 500  | 1781960000 |
| ZAP/TW ZDK1.5  | 2 mm    | 20   | 1791160000 |
| SDS 0.4X2.0X60 |         | 1    | 9037160000 |
| ZRH 1.5S/1     | 4.55 mm | 500  | 1781950000 |
| ZRH 1.5S/2     | 4.55 mm | 500  | 1781960000 |

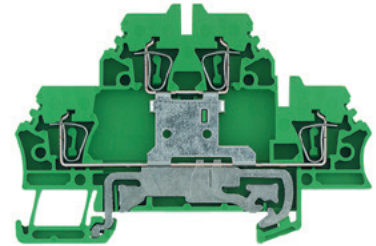
|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| <b>Identification systems</b> | (see assortment in catalogue 7)<br>Marking tags |
| <b>Note</b>                   |                                                 |

DEK 5/3,5

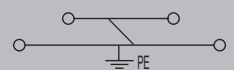
## ZDK 2.5 PE

2.5 mm<sup>2</sup>

## Vertically cross-connected



5.1 x 79.5 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-2

Ex e II Ex II 2 G D

| IEC                   | UL          | CSA         | EN 60079-7 |
|-----------------------|-------------|-------------|------------|
| 2.5                   | AWG 26...14 | AWG 26...12 | 2.5        |
| 500                   |             |             |            |
| 6                     |             |             |            |
|                       | 3           |             |            |
|                       | A2 / V-0    |             |            |
| KEMA 97ATEX4677 U     |             |             |            |
| Rated connection      |             |             |            |
| 0.5...2.5             |             |             |            |
| 0.5...2.5 / 0.5...2.5 |             |             |            |
| 10 / 0.6 x 3.5 mm     |             |             |            |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZDK 2.5PE | 50   | 1690000000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| <b>Identification systems</b> | (see assortment in catalogue 7)<br>Marking tags |
| <b>Note</b>                   |                                                 |

DEK 5/5 / WS 12/5

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

### Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

### Accessories

| End plate / Partition plate                   |
|-----------------------------------------------|
| Dark beige Wemid                              |
| End bracket                                   |
| Dark beige Wemid                              |
| Test adapter                                  |
| With assembly peg                             |
| Screwdriver                                   |
| Standard                                      |
| Reducing sleeves                              |
| For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
| For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

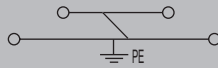
## ZDK 2.5-2 PE

2.5 mm<sup>2</sup>

Four connections



5.1 x 72.5 x 55.5  
/ 4  
0.05...4



IEC 60947-7-2

II 2 G D

| IEC                                                                                                             | UL                           | CSA         |
|-----------------------------------------------------------------------------------------------------------------|------------------------------|-------------|
| 2.5                                                                                                             | AWG 26...12                  | AWG 30...12 |
| 800                                                                                                             |                              |             |
| 8                                                                                                               |                              |             |
|                                                                                                                 | 300 A (2.5 mm <sup>2</sup> ) |             |
|                                                                                                                 | 3                            |             |
|                                                                                                                 | A2 / V-0                     |             |
| Rated connection                                                                                                |                              |             |
| 0.5...4                                                                                                         |                              |             |
| 0.5...2.5 / 0.5...1.5                                                                                           |                              |             |
| 10 / 0.6 x 3.5 mm                                                                                               |                              |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |                              |             |

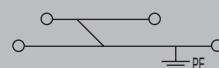
## ZDK 4-2 PE

4 mm<sup>2</sup>

Four connections



6.1 x 77.6 x 61  
/ 6  
0.13...6



IEC 60947-7-2

| IEC               | UL                         | CSA         |
|-------------------|----------------------------|-------------|
| 4                 | AWG 26...10                | AWG 26...10 |
| 800               |                            |             |
| 8                 |                            |             |
|                   | 480 A (4 mm <sup>2</sup> ) |             |
|                   | 3                          |             |
|                   | A3 / V-0                   |             |
| Rated connection  |                            |             |
| 0.5...6           |                            |             |
| 0.5...4 / 0.5...4 |                            |             |
| 10 / 0.6 x 3.5 mm |                            |             |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDK 2.5-2PE | 50   | 1791010000 |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDK 4-2 PE | 50   | 8671050000 |

| Type            | Width   | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZAP/TW ZDK2.5-2 | 2 mm    | 20   | 1791050000 |
| ZEW 35          | 6 mm    | 20   | 9540000000 |
| ZTA 4           | 5.1 mm  | 25   | 1688110000 |
| SDS 0.5X3.0X80  |         | 1    | 9008320000 |
| ZRH 1.5H/1      | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2      | 4.85 mm | 1000 | 1678800000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW ZDK4-2       | 2 mm   | 50   | 8670760000 |
| ZEW 35              | 6 mm   | 20   | 9540000000 |
| ZTA 6/ZA            | 6.1 mm | 25   | 1780660000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Marking tags           |                                 |
| Note                   |                                 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

|         |
|---------|
| DEK 5/6 |
|---------|

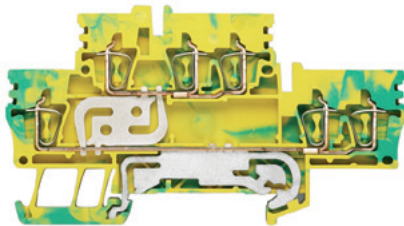
## PE terminals

## Compact style

## ZDK 2.5/3AN PE

2.5 mm<sup>2</sup>

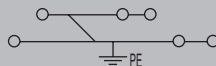
## Double-level terminal



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

5.1 x 93 x 51.5  
/ 4  
0.05...4



## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

IEC 60947-7-2

II 2 G D

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      |             | 300 (C)     |
|          |             | 24 (C)      |
| 2.5      | AWG 30...12 | AWG 30...12 |
| 8 kV / 3 |             |             |
| A2 / V-0 |             |             |



## Rated connection

|                       |
|-----------------------|
| 0.5...4 / 0.5...2.5   |
| 0.5...2.5 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm     |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDK 2.5/3AN PE | 50   | 1924470000 |

## Accessories

| End plate / Partition plate                   |
|-----------------------------------------------|
| Dark beige Wemid                              |
| End bracket                                   |
| Dark beige Wemid                              |
| Test adapter                                  |
| Standard                                      |
| With assembly peg                             |
| Screwdriver                                   |
| Standard                                      |
| Reducing sleeves                              |
| For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
| For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW ZDK 2.5/3AN  | 1.5 mm  | 20   | 1924910000 |
| ZEW 35/2            | 8 mm    | 20   | 8630740000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

## Identification systems (see assortment in catalogue 7)

Marking tags

## Note

## SNAPMARK I / DEK 5/5 / WS 10/5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).



## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

| Pluggable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|                                                                                     | 3-pole                   |
|                                                                                     | 4-pole                   |
| End plate / Partition plate                                                         |                          |
|                                                                                     | Dark beige Wemid         |
|                                                                                     | Dark beige Wemid         |
| Screwdriver                                                                         |                          |
|                                                                                     | Standard                 |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |                          |
|                                                                                     | 0.25 A fast              |
|                                                                                     | 0.50 A fast              |
|                                                                                     | 1.00 A fast              |
|                                                                                     | 2.00 A fast              |
| G25 with indicator / imperial (inch) fuse                                           |                          |
|                                                                                     | 0.50 A medium slow / 2 A |
|                                                                                     | 1.00 A medium slow / 3 A |
|                                                                                     | 2.00 A fast / 5 A        |
|                                                                                     | 4.00 A fast / 10 A       |

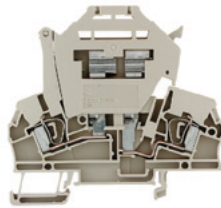
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |

| Note |  |
|------|--|
|------|--|

## ZSI 2.5

2.5 mm<sup>2</sup>

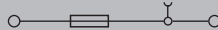
For metric fuses 5 x 20 mm



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

| IEC                                                                     | UL          | CSA         |
|-------------------------------------------------------------------------|-------------|-------------|
| 500                                                                     | 300 (C)     | 600 (C)     |
| 6.3                                                                     | 10 (C)      | 15 (C)      |
| 2.5                                                                     | AWG 26...12 | AWG 26...12 |
| 6 kV / 3                                                                |             |             |
| A3 / V-0                                                                |             |             |
| Rated connection                                                        |             |             |
| 0.5...4                                                                 |             |             |
| 0.5...4 / 0.5...2.5                                                     |             |             |
| 10 / 0.6 x 3.5 mm                                                       |             |             |
| Max. power loss (1.6 W) at the cartridge fuse limits the rated current. |             |             |

| Type                                                                                           | Qty. | Order No.  |
|------------------------------------------------------------------------------------------------|------|------------|
| ZSI 2.5                                                                                        | 50   | 1616400000 |
|                                                                                                |      |            |
|                                                                                                |      |            |
|                                                                                                |      |            |
|                                                                                                |      |            |
| For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE          | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE          | 41 A    | 60   | 1627870000 |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZAP TNHE/ZSI2.5     | 1.1 mm  | 25   | 1610840000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| G 20/0.25A/F        |         | 10   | 0430500000 |
| G 20/0.50A/F        |         | 10   | 0430600000 |
| G 20/1.00A/F        |         | 10   | 0430700000 |
| G 20/2.00A/F        |         | 10   | 0430900000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |

DEK 5/5 / WS 10/5

Status display using a bi-directional LED.

## ZSI 2.5

Overload and short-circuit protection

| Type    | Order No.  |
|---------|------------|
| ZSI 2.5 | 1616400000 |
|         |            |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 52 °C                         | 4.0 W / 6.3 A  | 27 °C                                 | 2.5 W / 2.5 A  |
| In combination | 55 °C                         | 2.5 W / 6.3 A  | 41 °C                                 | 1.6 W / 6.3 A  |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| <b>Clamped conductors (H05V/H07V)</b>                |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| <b>Note</b>                                          |                 |

### Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| <b>Note</b>               |  |

### Accessories

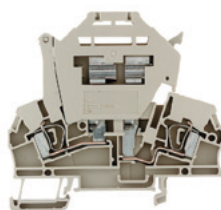
| Pluggable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|                                                                                     | 3-pole                   |
|                                                                                     | 4-pole                   |
| End plate / Partition plate                                                         |                          |
|                                                                                     | Dark beige Wemid         |
|                                                                                     | Dark beige Wemid         |
| Screwdriver                                                                         |                          |
|                                                                                     | Standard                 |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |                          |
|                                                                                     | 0.25 A fast              |
|                                                                                     | 0.50 A fast              |
|                                                                                     | 1.00 A fast              |
|                                                                                     | 2.00 A fast              |
| G25 with indicator / imperial (inch) fuse                                           |                          |
|                                                                                     | 0.50 A medium slow / 2 A |
|                                                                                     | 1.00 A medium slow / 3 A |
|                                                                                     | 2.00 A fast / 5 A        |
|                                                                                     | 4.00 A fast / 10 A       |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| <b>Note</b>            |                                 |

### ZSI 2.5 LED

2.5 mm<sup>2</sup>

For metric fuses 5 x 20 mm



7.9 x 79.5 x 74  
**6.3 / 4**  
**0.13...4**



IEC 60947-7-3

| IEC                                                                               | UL          | CSA         |
|-----------------------------------------------------------------------------------|-------------|-------------|
| 6.3                                                                               |             |             |
| 2.5                                                                               | AWG 26...12 | AWG 26...12 |
|                                                                                   | 6 kV / 3    |             |
|                                                                                   | A3 / V-0    |             |
|  |             |             |
| <b>Rated connection</b>                                                           |             |             |
| 0.5...4                                                                           |             |             |
| 0.5...4 / 0.5...2.5                                                               |             |             |
| 10 / 0.6 x 3.5 mm                                                                 |             |             |
| Max. power loss (1.6 W) at the cartridge fuse limits the rated current.           |             |             |

| Type                                                                                           | Qty. | Order No.  |
|------------------------------------------------------------------------------------------------|------|------------|
| ZSI 2.5/LD 28AC                                                                                | 50   | 1616440000 |
| ZSI 2.5/LD 60AC                                                                                | 50   | 1616430000 |
| ZSI 2.5/LD 120AC                                                                               | 50   | 1616420000 |
| ZSI 2.5/LD 250AC                                                                               | 50   | 1616410000 |
| For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. |      |            |

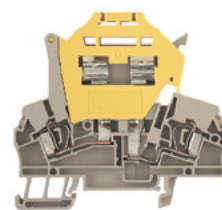
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE          | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE          | 41 A    | 60   | 1627870000 |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZAP TNHE/ZSI2.5     | 1.1 mm  | 25   | 1610840000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| G 20/0.25A/F        |         |      |            |
|                     |         | 10   | 0430500000 |
| G 20/0.50A/F        |         |      |            |
|                     |         | 10   | 0430600000 |
| G 20/1.00A/F        |         |      |            |
|                     |         | 10   | 0430700000 |
| G 20/2.00A/F        |         |      |            |
|                     |         | 10   | 0430900000 |

|                                            |
|--------------------------------------------|
| DEK 5/5 / WS 10/5                          |
| Status display using a bi-directional LED. |

### ZSI 2.5/5x25

2.5 mm<sup>2</sup>

For metric fuses 5 x 25 mm



7.9 x 79.5 x 74  
**6.3 / 4**  
**0.13...4**



IEC 60947-7-3

| IEC                                                                                                                                                                     | UL       | CSA |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|
| 500                                                                                                                                                                     |          |     |
| 6.3                                                                                                                                                                     |          |     |
| 2.5                                                                                                                                                                     |          |     |
|                                                                                                                                                                         | 6 kV / 3 |     |
|                                                                                                                                                                         | A3 / V-0 |     |
|   |          |     |
| <b>Rated connection</b>                                                                                                                                                 |          |     |
| 0.5...4                                                                                                                                                                 |          |     |
| 0.5...4 / 0.5...2.5                                                                                                                                                     |          |     |
| 10 / 0.6 x 3.5 mm                                                                                                                                                       |          |     |
| Max. power loss (1.6 W) at the cartridge fuse limits the rated current.                                                                                                 |          |     |

| Type                                                                                           | Qty. | Order No.  |
|------------------------------------------------------------------------------------------------|------|------------|
| ZSI 2.5/5X25                                                                                   | 50   | 1730900000 |
| For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE          | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE          | 41 A    | 60   | 1627870000 |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZAP TNHE/ZSI2.5     | 1.1 mm  | 25   | 1610840000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| G 25/0.50A/M WS     |         |      |            |
|                     |         | 10   | 0510300000 |
| G 25/1.00A/M RT     |         |      |            |
|                     |         | 10   | 0265800000 |
| G 25/2.00A/F BL     |         |      |            |
|                     |         | 10   | 0192700000 |
| G 25/4.00A/F BR     |         |      |            |
|                     |         | 10   | 0192800000 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

### Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

### Note

## Ordering data

| Version |                           |
|---------|---------------------------|
|         | 500 V AC/DC, w/o LED      |
|         | 10-36 V AC/DC, with LED   |
|         | 30-70 V AC/DC, with LED   |
|         | 60-150 V AC/DC, with LED  |
|         | 140-250 V AC/DC, with LED |

### Note

## Accessories

|                                                                                     |                                                                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Pluggable cross-connection</b>                                                   | 2-pole<br>3-pole<br>4-pole                                                                      |
|  |                                                                                                 |
| <b>End plate / Partition plate</b>                                                  | Dark beige Wemid                                                                                |
| <b>Screwdriver</b>                                                                  | Dark beige Wemid                                                                                |
|                                                                                     | Standard                                                                                        |
| <b>G-fuse cartridge, 5 x 20mm (IEC 60127-2)</b>                                     | 0.25 A fast<br>0.50 A fast<br>1.00 A fast<br>2.00 A fast                                        |
| <b>G25 with indicator / imperial (inch) fuse</b>                                    | 0.50 A medium slow / 2 A<br>1.00 A medium slow / 3 A<br>2.00 A fast / 5 A<br>4.00 A fast / 10 A |

## Identification systems

(see assortment in catalogue 7)

### Note

## ZSI 2.5/2

**2.5 mm<sup>2</sup>**

### For imperial fuses



12.2 x 79.5 x 74

12 / 4

0.13...4



IEC 60947-7-3

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 600 (C)     | 600 (C)     |
| 12  | 16 (C)      | 15 (C)      |
| 2.5 | AWG 26...12 | AWG 26...12 |
|     | 6 kV / 3    |             |
|     | A3 / V-0    |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm   |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZSI 2.5/2 500AC | 10   | 1616460000 |
|                 |      |            |
|                 |      |            |
|                 |      |            |

For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| ZQS 2.5/2 | 10 A    | 20   | 1633200000 |
| ZQS 2.5/3 | 10 A    | 20   | 1633210000 |
| ZQS 2.5/4 | 10 A    | 20   | 1633220000 |

## Width

|                 |        |    |            |
|-----------------|--------|----|------------|
| ZAP TNHE/ZSI2.5 | 1.1 mm | 25 | 1610840000 |
|-----------------|--------|----|------------|

|                     |   |            |
|---------------------|---|------------|
| SDIS SL 0.6X3.5X100 | 1 | 1274660000 |
|---------------------|---|------------|

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |

|          |    |            |
|----------|----|------------|
|          |    |            |
|          |    |            |
|          |    |            |
| GZ 10.0A | 10 | 0293900000 |

## ZSI 2.5/2

### Overload and short-circuit protection

| Type            | Order No.  |
|-----------------|------------|
| ZSI 2.5/2 500AC | 1616460000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 46 °C                         | 4.0 W / 10.0 A | 40 °C                                 | 2.5 W / 2.5 A  |
| In combination | 72 °C                         | 2.5 W / 2.5 A  | 29 °C                                 | 2.5 W / 2.5 A  |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

### Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |

#### Note

### Accessories

| Pluggable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|                                                                                     | 3-pole                   |
|                                                                                     | 4-pole                   |
| End plate / Partition plate                                                         |                          |
|                                                                                     | Dark beige Wemid         |
|                                                                                     | Dark beige Wemid         |
| Screwdriver                                                                         |                          |
|                                                                                     | Standard                 |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |                          |
|                                                                                     | 0.25 A fast              |
|                                                                                     | 0.50 A fast              |
|                                                                                     | 1.00 A fast              |
|                                                                                     | 2.00 A fast              |
| G25 with indicator / imperial (inch) fuse                                           |                          |
|                                                                                     | 0.50 A medium slow / 2 A |
|                                                                                     | 1.00 A medium slow / 3 A |
|                                                                                     | 2.00 A fast / 5 A        |
|                                                                                     | 4.00 A fast / 10 A       |

### Identification systems (see assortment in catalogue 7)

Marking tags

#### Note

### ZSI 2.5/2 LED

2.5 mm<sup>2</sup>

For imperial fuses



12.2 x 79.5 x 74

12 / 4

0.13...4



IEC 60947-7-3

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 12  |             |             |
| 2.5 | AWG 26...12 | AWG 26...12 |
|     | 6 kV / 3    |             |
|     | A3 / V-0    |             |



#### Rated connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm   |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZSI 2.5/2/LD 28AC  | 10   | 1616470000 |
| ZSI 2.5/2/LD 60AC  | 10   | 1616480000 |
| ZSI 2.5/2/LD 120AC | 10   | 1616490000 |
| ZSI 2.5/2/LD 250AC | 10   | 1616500000 |

For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| ZQS 2.5/2 | 10 A    | 20   | 1633200000 |
| ZQS 2.5/3 | 10 A    | 20   | 1633210000 |
| ZQS 2.5/4 | 10 A    | 20   | 1633220000 |

| Width               |        |    |            |
|---------------------|--------|----|------------|
| ZAP TNHE/ZSI2.5     | 1.1 mm | 25 | 1610840000 |
| SDIS SL 0.6X3.5X100 |        | 1  | 1274660000 |

| GZ 10.0A |  | 10 | 0293900000 |
|----------|--|----|------------|

DEK 5/5 / WS 10/5

Status display using a bi-directional LED. With use of inch fuse cartridges.



## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                           |
|---------|---------------------------|
|         | 500 V AC/DC, w/o LED      |
|         | 10-36 V AC/DC, with LED   |
|         | 60-150 V AC/DC, with LED  |
|         | 140-250 V AC/DC, with LED |
| Note    |                           |

## Accessories

| Pluggable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|  | 3-pole                   |
|  | 4-pole                   |
| End plate / Partition plate                                                         |                          |
|  |                          |
| Screwdriver                                                                         |                          |
|                                                                                     | Standard                 |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |                          |
|                                                                                     | 0.25 A fast              |
|                                                                                     | 0.50 A fast              |
|                                                                                     | 1.00 A fast              |
|                                                                                     | 2.00 A fast              |
| G25 with indicator / imperial (inch) fuse                                           |                          |
|                                                                                     | 0.50 A medium slow / 2 A |
|                                                                                     | 1.00 A medium slow / 3 A |
|                                                                                     | 2.00 A fast / 5 A        |
|                                                                                     | 4.00 A fast / 10 A       |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZSI 2.5 2x2 AN

2.5 mm<sup>2</sup>

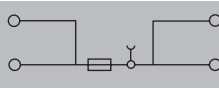
For metric fuses 5 x 20 mm / 5 x 25 mm



12.2 x 68 x 55.5

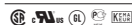
10 / 4

0.13...4



IEC 60947-7-3

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300 (C)     | 300 (C)     |
| 10       | 10 (C)      | 10 (C)      |
| 2.5      | AWG 26...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm   |

The rated voltage of the fuse must not be exceeded. UL &amp; CSA D = 600 V / 5 A

| Type                                                                                               | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------|------|------------|
| ZSI 2.5-2/2X2AN/G20                                                                                | 20   | 1826050000 |
|                                                                                                    |      |            |
|                                                                                                    |      |            |
|                                                                                                    |      |            |
| G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25<br>G 25 LED versions upon request. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| G 20/0.25A/F        |         | 10   | 0430500000 |
| G 20/0.50A/F        |         | 10   | 0430600000 |
| G 20/1.00A/F        |         | 10   | 0430700000 |
| G 20/2.00A/F        |         | 10   | 0430900000 |
|                     |         |      |            |
| G 25/0.50A/M WS     |         | 10   | 0510300000 |
| G 25/1.00A/M RT     |         | 10   | 0265800000 |
| G 25/2.00A/F BL     |         | 10   | 0192700000 |
| G 25/4.00A/F BR     |         | 10   | 0192800000 |

## ZSI 2.5-2

Overload and short-circuit protection

## ZSI 2.5-2 / G20

| Type                   | Order No.  |
|------------------------|------------|
| ZSI 2.5-2/2X2AN/G20    | 1826050000 |
| ZSI 2.5-2/2X2AN/G20/GL | 1826030000 |
|                        |            |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     |                               |                | 39 °C                                 | 2.5 W / 6.3 A  |
| In combination |                               |                | 41 °C                                 | 1.6 W / 6.3 A  |

## ZSI 2.5-2 / G25

| Type                   | Order No.  |
|------------------------|------------|
| ZSI 2.5-2/2X2AN/G25    | 1826200000 |
| ZSI 2.5-2/2X2AN/G25/GL | 1826090000 |
|                        |            |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 60 °C                         |                |                                       |                |
| In combination | 47 °C                         |                |                                       |                |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

### Note

### Ordering data

| Version                   |
|---------------------------|
| 500 V AC/DC, w/o LED      |
| 10-36 V AC/DC, with LED   |
| 60-150 V AC/DC, with LED  |
| 140-250 V AC/DC, with LED |

### Note

### Accessories

| Pluggable cross-connection                                                          |        |
|-------------------------------------------------------------------------------------|--------|
|  | 2-pole |
|  | 3-pole |
|  | 4-pole |
| End plate / Partition plate                                                         |        |
|                                                                                     |        |
| Screwdriver                                                                         |        |
| Standard                                                                            |        |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |        |
| 0.25 A fast                                                                         |        |
| 0.50 A fast                                                                         |        |
| 1.00 A fast                                                                         |        |
| 2.00 A fast                                                                         |        |
| G25 with indicator / imperial (inch) fuse                                           |        |
| 0.50 A medium slow / 2 A                                                            |        |
| 1.00 A medium slow / 3 A                                                            |        |
| 2.00 A fast / 5 A                                                                   |        |
| 4.00 A fast / 10 A                                                                  |        |

### ZSI 2.5 2x2 AN LED

2.5 mm<sup>2</sup>

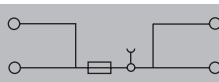
For metric fuses 5 x 20 mm / 5 x 25 mm



12.2 x 65 x 55.5

10 / 4

0.13...4



IEC 60947-7-3

| IEC | UL          | CSA         |
|-----|-------------|-------------|
|     | 300 (C)     |             |
| 10  | 10 (C)      |             |
| 2.5 | AWG 26...12 | AWG 26...12 |
|     | 4 kV / 3    |             |
|     | A3 / V-0    |             |



### Rated connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm   |

The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A

| Type                                                                                               | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------|------|------------|
| ZSI 2.5-2/2X2AN/G20/LD1                                                                            | 20   | 1867440000 |
| ZSI 2.5-2/2X2AN/G20/LD3                                                                            | 20   | 1867420000 |
| ZSI 2.5-2/2X2AN/G20/LD4                                                                            | 20   | 1879730000 |
| G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25<br>G 25 LED versions upon request. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| Width               |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| G 20/0.25A/F        |         | 10   | 0430500000 |
| G 20/0.50A/F        |         | 10   | 0430600000 |
| G 20/1.00A/F        |         | 10   | 0430700000 |
| G 20/2.00A/F        |         | 10   | 0430900000 |
|                     |         |      |            |
| G 25/0.50A/M WS     |         | 10   | 0510300000 |
| G 25/1.00A/M RT     |         | 10   | 0265800000 |
| G 25/2.00A/F BL     |         | 10   | 0192700000 |
| G 25/4.00A/F BR     |         | 10   | 0192800000 |

### Identification systems (see assortment in catalogue 7)

Marking tags

### Note

DEK 5/5 / WS 10/5

Status display via an LED.

## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version |                           |
|---------|---------------------------|
|         | 500 V AC/DC, w/o LED      |
|         | 10-36 V AC/DC, with LED   |
|         | 60-150 V AC/DC, with LED  |
|         | 140-250 V AC/DC, with LED |
| Note    |                           |

## Accessories

| Pluggable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|  | 3-pole                   |
|  | 4-pole                   |
| End plate / Partition plate                                                         |                          |
|  |                          |
| Screwdriver                                                                         |                          |
|                                                                                     | Standard                 |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |                          |
|                                                                                     | 0.25 A fast              |
|                                                                                     | 0.50 A fast              |
|                                                                                     | 1.00 A fast              |
|                                                                                     | 2.00 A fast              |
| G25 with indicator / imperial (inch) fuse                                           |                          |
|                                                                                     | 0.50 A medium slow / 2 A |
|                                                                                     | 1.00 A medium slow / 3 A |
|                                                                                     | 2.00 A fast / 5 A        |
|                                                                                     | 4.00 A fast / 10 A       |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZSI 6-2

6 mm<sup>2</sup>

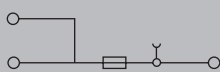
For metric fuses 5 x 20 mm / 5 x 25 mm



12.2 x 68 x 55.5

10 / 10

0.13...10



IEC 60947-7-3

| IEC      | UL          | CSA        |
|----------|-------------|------------|
| 500      | 300 (C)     | 300 (C)    |
| 10       | 10 (C)      | 10 (C)     |
| 6        | AWG 26...12 | AWG 26...8 |
| 4 kV / 3 |             |            |
| A3 / V-0 |             |            |



## Rated connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm   |

The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8.

| Type                                                            | Qty. | Order No.  |
|-----------------------------------------------------------------|------|------------|
| ZSI 6-2 2X2.5/G20                                               | 20   | 1820930000 |
|                                                                 |      |            |
|                                                                 |      |            |
| G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 |      |            |
| G 25 LED versions upon request.                                 |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
|                     |         |      |            |
| Width               |         |      |            |
|                     |         |      |            |
| SDIS SL 0.8X4.0X100 |         | 1    | 1274670000 |
|                     |         |      |            |
| G 20/0.25A/F        |         | 10   | 0430500000 |
| G 20/0.50A/F        |         | 10   | 0430600000 |
| G 20/1.00A/F        |         | 10   | 0430700000 |
| G 20/2.00A/F        |         | 10   | 0430900000 |
|                     |         |      |            |
| G 25/0.50A/M WS     |         | 10   | 0510300000 |
| G 25/1.00A/M RT     |         | 10   | 0265800000 |
| G 25/2.00A/F BL     |         | 10   | 0192700000 |
| G 25/4.00A/F BR     |         | 10   | 0192800000 |

## ZSI 6-2

Overload and short-circuit protection

## ZSI 6-2 2x2.5 / G20

| Type                 | Order No.  |
|----------------------|------------|
| ZSI 6-2 2X2.5/G20    | 1820930000 |
| ZSI 6-2 2X2.5/G20/GL | 1820860000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     |                               |                | 37 °C                                 | 2.5 W / 6.3 A  |
| In combination |                               |                | 40 °C                                 | 1.6 W / 6.3 A  |

## ZSI 6 2x2.5 / G25

| Type                 | Order No.  |
|----------------------|------------|
| ZSI 6-2 2X2.5/G25    | 1820950000 |
| ZSI 6-2 2X2.5/G25/GL | 1820940000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 60 °C                         |                |                                       |                |
| In combination | 47 °C                         |                |                                       |                |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

### Note

### Ordering data

| Version                   |
|---------------------------|
| 500 V AC/DC, w/o LED      |
| 10-36 V AC/DC, with LED   |
| 60-150 V AC/DC, with LED  |
| 140-250 V AC/DC, with LED |

### Note

### Accessories

| Pluggable cross-connection                                                          |        |
|-------------------------------------------------------------------------------------|--------|
|  | 2-pole |
|  | 3-pole |
|  | 4-pole |
| End plate / Partition plate                                                         |        |
|                                                                                     |        |
| Screwdriver                                                                         |        |
| Standard                                                                            |        |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |        |
| 0.25 A fast                                                                         |        |
| 0.50 A fast                                                                         |        |
| 1.00 A fast                                                                         |        |
| 2.00 A fast                                                                         |        |
| G25 with indicator / imperial (inch) fuse                                           |        |
| 0.50 A medium slow / 2 A                                                            |        |
| 1.00 A medium slow / 3 A                                                            |        |
| 2.00 A fast / 5 A                                                                   |        |
| 4.00 A fast / 10 A                                                                  |        |

### Identification systems (see assortment in catalogue 7)

Marking tags

### Note

### ZSI 6-2 LED

6 mm<sup>2</sup>

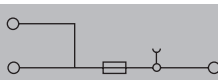
For metric fuses 5 x 20 mm / 5 x 25 mm



12.2 x 65 x 55.5

10 / 10

0.13...10



IEC 60947-7-3

| IEC | UL          | CSA        |
|-----|-------------|------------|
|     | 300 (C)     |            |
| 10  | 10 (C)      |            |
| 6   | AWG 26...12 | AWG 20...8 |
|     | 4 kV / 3    |            |
|     | A3 / V-0    |            |

### Rated connection

|                    |
|--------------------|
| 0.5...10           |
| 0.5...10 / 0.5...6 |
| 10 / 0.6 x 3.5 mm  |

The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8.

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZSI 6-2 2X2.5/G20/LD1 | 20   | 1867500000 |
| ZSI 6-2 2X2.5/G20/LD4 | 20   | 1879750000 |

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25  
G 25 LED versions upon request.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
| Width               |         |      |            |
|                     |         |      |            |
| SDIS SL 0.8X4.0X100 |         | 1    | 1274670000 |
| G 20/0.25A/F        |         | 10   | 0430500000 |
| G 20/0.50A/F        |         | 10   | 0430600000 |
| G 20/1.00A/F        |         | 10   | 0430700000 |
| G 20/2.00A/F        |         | 10   | 0430900000 |
| G 25/0.50A/M WS     |         | 10   | 0510300000 |
| G 25/1.00A/M RT     |         | 10   | 0265800000 |
| G 25/2.00A/F BL     |         | 10   | 0192700000 |
| G 25/4.00A/F BR     |         | 10   | 0192800000 |

## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

| Pluggable cross-connection                                                          |        |
|-------------------------------------------------------------------------------------|--------|
|  | 2-pole |
|  | 3-pole |
|  | 4-pole |
| End plate / Partition plate                                                         |        |
|  |        |
| Screwdriver                                                                         |        |
| Standard                                                                            |        |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)                                            |        |
| 0.25 A fast                                                                         |        |
| 0.50 A fast                                                                         |        |
| 1.00 A fast                                                                         |        |
| 2.00 A fast                                                                         |        |
| G25 with indicator / imperial (inch) fuse                                           |        |
| 0.50 A medium slow / 2 A                                                            |        |
| 1.00 A medium slow / 3 A                                                            |        |
| 2.00 A fast / 5 A                                                                   |        |
| 4.00 A fast / 10 A                                                                  |        |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Marking tags           |                                 |
| Note                   |                                 |

## ZSI 6-2/FC

6 mm<sup>2</sup>

For car fuses



8.1 x 70 x 51  
30 / 10  
0.33...10



DIN 72581-3, IEC 60947-7-3

| IEC                                                                               | UL          | CSA         |
|-----------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                               |             | 300 (C)     |
| 30                                                                                |             | 25 (C)      |
| 6                                                                                 | AWG 22...10 | AWG 22...10 |
| 6 kV / 3                                                                          |             |             |
| A5 / V-0                                                                          |             |             |
|  |             |             |
| Rated connection                                                                  |             |             |
| 0.5...10                                                                          |             |             |
| 0.5...10 / 0.5...6                                                                |             |             |
| 10 / 4.0 x 0.8 mm                                                                 |             |             |
| Note                                                                              |             |             |
| Fuse continuous current max. 80 % IN.                                             |             |             |

| Type                                        | Qty. | Order No.  |
|---------------------------------------------|------|------------|
| ZSI 6-2/FC                                  | 25   | 1814690000 |
| ZSI 6-2/FC LD                               | 25   | 1814700000 |
| Note                                        |      |            |
| Car fuses are not available from Weidmüller |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE          | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE          | 41 A    | 60   | 1627870000 |
| Width               |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.8X4.0X100 |         | 1    | 1274670000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |

DEK 5/6 / WS 12/6  
Status display using a bi-directional LED. With use of Pudenz fuses.

## ZSI 6-2/FC

Overload and short-circuit protection

| Type       | Order No.  |
|------------|------------|
| ZSI 6-2/FC | 1814690000 |

| Arrangement    | Applications                  |                        |                     |                |
|----------------|-------------------------------|------------------------|---------------------|----------------|
|                | Only short-circuit protection |                        | Overload            |                |
|                | T <sub>A</sub> max.           | Nominal values         | T <sub>A</sub> max. | Nominal values |
| Individual     | 24 °C                         | 3.0 W / 30 A           | *                   | *              |
| In combination | 28 °C                         | 1.90 W / 24 A (30 A)** | *                   | *              |

\*) Values not available

\*\*) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.  
⇒ The 30 A fuse can be loaded to a maximum 24 A

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

|                                   |    |
|-----------------------------------|----|
| Width/Length/Height with TS35x7.5 | mm |
| Insulating stripping length       | mm |

### Technical data

| Rated data                          |                 |
|-------------------------------------|-----------------|
| Rated voltage to adjoining terminal | V               |
| Rated current                       | A               |
| Rated cross-section                 | mm <sup>2</sup> |

#### Approvals

| Other technical data                   |                 |
|----------------------------------------|-----------------|
| Clamped conductors                     |                 |
| solid H07V-U                           | mm <sup>2</sup> |
| stranded H07V-K                        | mm <sup>2</sup> |
| „f“ with ferrule acc. DIN 46 228/1     | mm <sup>2</sup> |
| „f“ ferrules with plastic collar       | mm <sup>2</sup> |
| max. clamping range in mm <sup>2</sup> |                 |
| gauge acc. to IEC 60 947-1             | Size            |

#### Note

### Ordering data

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZSI 2x6/4x2.5 FC | 10   | 1058520000 |

### Accessories

| Pluggable cross-connection |  |
|----------------------------|--|
| 2-pole                     |  |
| 3-pole                     |  |
| 4-pole                     |  |

| End plate / partition |  |
|-----------------------|--|
| ZAP black Wemid       |  |

| Screwdriver           |  |
|-----------------------|--|
| SD acc. to DIN 5264-A |  |

| Circuit breaker ETA and car fuses* |    |
|------------------------------------|----|
| Rated voltage                      |    |
| Rated current                      | A  |
| Switching capacity                 | A  |
| Protection                         | IP |

|                               |   |
|-------------------------------|---|
| Rated current circuit breaker | A |
|-------------------------------|---|

ETA 1180



ETA 1170



| Marking systems                 |  |
|---------------------------------|--|
| (see assortment in catalogue 7) |  |

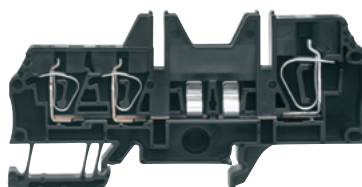
| Marking tags                          |  |
|---------------------------------------|--|
| *) Note:                              |  |
| not possible to order from Weidmüller |  |

### ZSI 2x6/4x2.5 FC

6/2.5 mm<sup>2</sup>

Circuit breaker ETA 1170  
28 V DC

**NEW**



|                |  |
|----------------|--|
| 16 / 93 / 47.5 |  |
| 10             |  |

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 |             |             |
| 57  |             |             |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6   | AWG 20...8  | AWG 20...8  |

| Output    | Input    |
|-----------|----------|
| 0.5...4   | 0.5...10 |
| 0.5...4   | 0.5...10 |
| 0.5...2.5 | 0.5...6  |
| 0.5...2.5 | 0.5...6  |

|          |           |
|----------|-----------|
| 0.08...4 | 0.21...10 |
|----------|-----------|

The maximum load of the single circuit breakers shouldn't be exceeded.

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZSI 2x6/4x2.5 FC | 10   | 1058520000 |

| Type             | Current | Qty. | Order No.  |
|------------------|---------|------|------------|
| ZQV 6/2 GE       | 41 A    | 60   | 1627850000 |
| ZAP ZSI2x6/4x2.5 |         | 50   | 1059310000 |
| SD 0.6x3.5       |         | 1    | 9008330000 |
| SD 0.8x4         |         | 1    | 9008340000 |

| Circuit breaker 1170 |  |
|----------------------|--|
| 28 V DC              |  |
| 3...25               |  |
| 400                  |  |
| 40                   |  |

| Circuit breaker 1170 |            |
|----------------------|------------|
| Colour               | Order No.  |
| 3 violet             | 1278730000 |
| 4 pink               | 1278740000 |
| 5 orange             | 1278750000 |
| 6 green              | 1278760000 |
| 7.5 brown            | 1278770000 |
| 8 yellow             | 1278780000 |
| 10 red               | 1278790000 |
| 15 blue              | 1278810000 |
| 20 yellow            | 1278820000 |
| 25 white             | 1278830000 |

DEK 5/5 MC

### ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

| Type             | Order No.  |
|------------------|------------|
| ZSI 2X6/4X2.5 FC | 1058520000 |

| Arrangement    | Applications        |                       |                     |                       |
|----------------|---------------------|-----------------------|---------------------|-----------------------|
|                | ETA fuse            |                       | Automotive fuse     |                       |
|                | T <sub>A</sub> max. | Nominal values        | T <sub>A</sub> max. | Nominal values        |
| Individual     | 24 °C               | 1.68 W / 20 A (25 A)* | 45 °C               | 1.9 W / 24 A (30 A)** |
| In combination | 24 °C               | 1.68 W / 20 A (25 A)* | 35 °C               | 1.9 W / 24 A (30 A)** |

\*) ETA circuit breakers 1170

According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.

⇒ The 25 A fuse can be loaded to a maximum 20 A

\*\*) Automotive fuses in accordance with DIN 41576

According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.

⇒ The 30 A fuse can be loaded to a maximum 24 A

## Fuse terminals

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

|                                   |    |
|-----------------------------------|----|
| Width/Length/Height with TS35x7.5 | mm |
| Insulating stripping length       | mm |

## Technical data

| Rated data                             |                 |
|----------------------------------------|-----------------|
| Rated voltage to adjoining terminal    | V               |
| Rated current                          | A               |
| Rated cross-section                    | mm <sup>2</sup> |
| Approvals                              |                 |
| Other technical data                   |                 |
| Clamped conductors                     |                 |
| solid H07V-U                           | mm <sup>2</sup> |
| stranded H07V-K                        | mm <sup>2</sup> |
| „f“ with ferrule acc. DIN 46 228/1     | mm <sup>2</sup> |
| „f“ ferrules with plastic collar       | mm <sup>2</sup> |
| max. clamping range in mm <sup>2</sup> |                 |
| gauge acc. to IEC 60 947-1             | Size            |
| Note                                   |                 |

## Ordering data

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZSI 2x6/4x2.5 | 10   | 1265990000 |
| Note          |      |            |

## Accessories

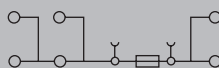
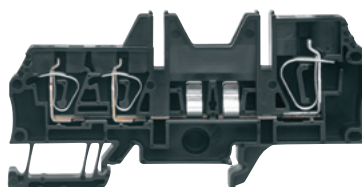
| Pluggable cross-connection            |                                 |
|---------------------------------------|---------------------------------|
|                                       | 2-pole                          |
|                                       | 3-pole                          |
|                                       | 4-pole                          |
| End plate / partition                 |                                 |
|                                       | ZAP black Wemid                 |
| Screwdriver                           |                                 |
|                                       | SD acc. to DIN 5264-A           |
| Circuit breaker ETA and car fuses*    |                                 |
| Rated voltage                         |                                 |
| Rated current                         | A                               |
| Switching capacity                    | A                               |
| Protection                            | IP                              |
| Rated current circuit breaker         |                                 |
|                                       | A                               |
| ETA 1180                              |                                 |
| ETA 1170                              |                                 |
| Marking systems                       |                                 |
|                                       | (see assortment in catalogue 7) |
|                                       | Marking tags                    |
| *) Note:                              |                                 |
| not possible to order from Weidmüller |                                 |

## ZSI 2x6/4x2.5

6/2.5 mm<sup>2</sup>

Circuit breaker ETA 1180  
65 V DC / 250 V AC

NEW



| IEC                                                                    | UL          | CSA         |
|------------------------------------------------------------------------|-------------|-------------|
| 500                                                                    |             |             |
| 57                                                                     |             |             |
| 2.5                                                                    | AWG 26...12 | AWG 26...12 |
| 6                                                                      | AWG 20...8  | AWG 20...8  |
|                                                                        | in work     | in work     |
| Output                                                                 | Input       |             |
| 0.5...4                                                                | 0.5...10    |             |
| 0.5...4                                                                | 0.5...10    |             |
| 0.5...2.5                                                              | 0.5...6     |             |
| 0.5...2.5                                                              | 0.5...6     |             |
| 0.08...4                                                               | 0.21...10   |             |
| The maximum load of the single circuit breakers shouldn't be exceeded. |             |             |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZSI 2x6/4x2.5 | 10   | 1265990000 |

| Type                 | Strom      | Qty. | Order No.  |
|----------------------|------------|------|------------|
| ZQV 6/2 GE           | 41 A       | 60   | 1627850000 |
| ZAP ZSI2x6/4x2.5     |            | 50   | 1059310000 |
| SD 0.6x3.5           |            | 1    | 9008330000 |
| SD 0.8x4             |            | 1    | 9008340000 |
| Circuit breaker 1180 |            |      |            |
| 65 V DC / 250 V AC   |            |      |            |
| 0.1...10             |            |      |            |
| 400                  |            |      |            |
| 40                   |            |      |            |
| Circuit breaker 1180 |            |      |            |
|                      | Order No.  |      | Order No.  |
| 0.1                  | 1278840000 | 2    | 1278970000 |
| 0.2                  | 1278850000 | 2.5  | 1278980000 |
| 0.25                 | 1278860000 | 3    | 1278990000 |
| 0.3                  | 1278870000 | 3.5  | 1279010000 |
| 0.4                  | 1278880000 | 4    | 1279020000 |
| 0.5                  | 1278910000 | 5    | 1279030000 |
| 0.6                  | 1278920000 | 6    | 1279040000 |
| 0.7                  | 1278930000 | 7    | 1279050000 |
| 0.8                  | 1278940000 | 8    | 1279060000 |
| 1                    | 1278950000 | 10   | 1279070000 |
| 1.5                  | 1278960000 |      |            |

DEK 5/5 MC

## ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

| Type          | Order No.  |
|---------------|------------|
| ZSI 2X6/4X2.5 | 1265990000 |

| Arrangement    | Applications        |                       |                     |                       |
|----------------|---------------------|-----------------------|---------------------|-----------------------|
|                | ETA fuse            |                       | Automotive fuse     |                       |
|                | T <sub>A</sub> max. | Nominal values        | T <sub>A</sub> max. | Nominal values        |
| Individual     | 24 °C               | 1.68 W / 20 A (25 A)* | 45 °C               | 1.9 W / 24 A (30 A)** |
| In combination | 24 °C               | 1.68 W / 20 A (25 A)* | 35 °C               | 1.9 W / 24 A (30 A)** |

\*) ETA circuit breakers 1170

According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.  
⇒ The 25 A fuse can be loaded to a maximum 20 A

\*\*) Automotive fuses in accordance with DIN 41576

According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.  
⇒ The 30 A fuse can be loaded to a maximum 24 A

## Cartridge fuses and gauge pieces for Weidmüller fuse terminals

## Cartridge fuses

## For terminal type

ZSI 2.5  
ZSI 6-2 2 x 2.5/G20...  
ZSI 2.5 2 x 2 AN/G20...



## Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI<sup>1)</sup>)

| Size (mm)                                                          | Nom. current (A) | Type             | Qty. | Order No.  |
|--------------------------------------------------------------------|------------------|------------------|------|------------|
| 5 x 20<br>breaking capacity 1500 A<br>(at 250 V, 50 Hz, cos φ 0.7) | 0.1              | (F) G 20/0.10A/F | 10   | 0430300000 |
|                                                                    | 0.2              | (F) G 20/0.20A/F | 10   | 0430400000 |
|                                                                    | 0.25             | (F) G 20/0.25A/F | 10   | 0430500000 |
|                                                                    | 0.5              | (F) G 20/0.50A/F | 10   | 0430600000 |
|                                                                    | 0.63             | (F) G 20/0.63A/F | 10   | 0430900000 |
|                                                                    | 1.0              | (F) G 20/1.00A/F | 10   | 0430700000 |
|                                                                    | 1.6              | (F) G 20/1.60A/F | 10   | 0430800000 |
|                                                                    | 2.0              | (F) G 20/2.00A/F | 10   | 0430900000 |
|                                                                    | 2.5              | (F) G 20/2.50A/F | 10   | 0431000000 |
|                                                                    | 3.15             | (F) G 20/3.15A/F | 10   | 0431100000 |
|                                                                    | 4.0              | (F) G 20/4.00A/F | 10   | 0431200000 |
|                                                                    | 5.0              | (F) G 20/5.00A/F | 10   | 0431300000 |
|                                                                    | 6.3              | (F) G 20/6.30A/F | 10   | 0431400000 |

(M) = medium-blow (F) = fast-blow

G-type cartridge fuses 5 x 25 with indicators to DIN 41576<sup>1)</sup>

|                                                                          |      |                                |    |            |
|--------------------------------------------------------------------------|------|--------------------------------|----|------------|
| 5 x 25 m. K.1)<br>breaking capacity 80 A<br>(at 250 V, 50 Hz, cos : = 1) | 0.25 | (M) G 25/0.25A/M               | 10 | 0546900000 |
|                                                                          | 0.5  | (M) G 25/0.50A/M               | 10 | 0510300000 |
|                                                                          | 0.8  | (M) G 25/0.80A/M               | 10 | 0646400000 |
|                                                                          | 1    | (M) G 25/1.00A/M               | 10 | 0265800000 |
|                                                                          | 10   | (M) <sup>2)</sup> G 25/10.0A/M | 10 | 0193100000 |
|                                                                          | 2    | (F) G 25/2.00A/F               | 10 | 0192700000 |
|                                                                          | 4    | (F) G 25/4.00A/F               | 10 | 0192800000 |
|                                                                          | 6.3  | (F) G 25/6.30A/F               | 10 | 0192900000 |
|                                                                          |      |                                |    |            |
|                                                                          |      |                                |    |            |

(M) = medium-blow (F) = fast-blow

## Cartridge fuses 1¼" x ¼" without indicators to BS 88

|                                                                                                           |      |             |    |            |
|-----------------------------------------------------------------------------------------------------------|------|-------------|----|------------|
| 33 kA breaking capacity 33 kA fast-blow<br>E 0.5 A<br>E 1 A<br>E 2 A<br>E 3 A<br>E 5 A<br>E 7 A<br>E 10 A | 0.5  | GZ 0.5A/F   | 10 | 0533800000 |
|                                                                                                           | 1    | GZ 1.0A/F   | 10 | 0525500000 |
|                                                                                                           | 2    | GZ 2.0A     | 10 | 0294500000 |
|                                                                                                           | 3    | GZ 3.0A     | 10 | 0295700000 |
|                                                                                                           | 5    | GZ 5.0A     | 10 | 0294600000 |
|                                                                                                           | 7    | GZ 7.0A     | 10 | 0295800000 |
|                                                                                                           | 10   | GZ 10.0A    | 10 | 0293900000 |
|                                                                                                           | 12.5 | GZ 12.5A FF | 10 | 0245400000 |

(M) = medium-blow (F) = fast-blow

**Note:** <sup>1)</sup> The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.



## Test-disconnect terminals

## Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Blue Wemid                         |
|         | Without isolator, Dark beige Wemid |
|         | Orange Wemid                       |
| Note    |                                    |

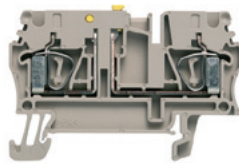
## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Testing / Checking                 |                                             |
|                                    | Test plug                                   |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max, 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Test adapter                       |                                             |
|                                    | Standard                                    |
|                                    | With assembly peg                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |
| Identification systems             |                                             |
|                                    | (see assortment in catalogue 7)             |
|                                    | Marking tags                                |
| Note                               |                                             |

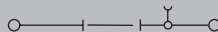
## ZTR 2.5

2.5 mm<sup>2</sup>

Two connections



5.1 x 59.5 x 41  
20 / 4  
0.05...4



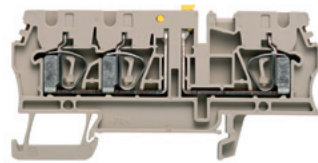
IEC 60947-7-1

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                                             | 600 (C)     | 600 (C)     |
| 20                                                                                                              | 20 (C)      | 15 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 30...12 |
| 6 kV / 3                                                                                                        |             |             |
| A3 / V-0                                                                                                        |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4                                                                                                         |             |             |
| 0.5...4 / 0.5...2.5                                                                                             |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

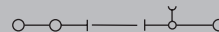
## ZTR 2.5/3AN

2.5 mm<sup>2</sup>

Three connections



5.1 x 79.5 x 41  
20 / 4  
0.05...4



IEC 60947-7-1

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                                             | 600 (C)     | 300 (C)     |
| 20                                                                                                              | 20 (C)      | 10 (C)      |
| 2.5                                                                                                             | AWG 30...12 | AWG 26...12 |
| 6 kV / 3                                                                                                        |             |             |
| A3 / V-0                                                                                                        |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4                                                                                                         |             |             |
| 0.5...4 / 0.5...2.5                                                                                             |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZTR 2.5        | 100  | 1831280000 |
| ZTR 2.5 BL     | 100  | 8731710000 |
| ZTR 2.5/O.TNHE | 100  | 1831130000 |
| ZTR 2.5 OR     | 100  | 8731680000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTR 2.5/3AN        | 100  | 8731720000 |
| ZTR 2.5/3AN BL     | 100  | 8731730000 |
| ZTR 2.5/3AN/O.TNHE | 100  | 8728450000 |
| ZTR 2.5/3AN OR     | 100  | 8731690000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| Width                  |         |      |            |
| ZAP/TW 1               | 2 mm    | 50   | 1608740000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100    |         | 1    | 1274660000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| ZTA 1                  | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA               | 5.1 mm  | 25   | 1609050000 |
| TNST                   |         | 50   | 1833090000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| Width                  |         |      |            |
| ZAP/TW 3               | 2 mm    | 50   | 1608800000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100    |         | 1    | 1274660000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| ZTA 1                  | 5.1 mm  | 25   | 1609040000 |
| ZTA 1/ZA               | 5.1 mm  | 25   | 1609050000 |
| TNST                   |         | 50   | 1833090000 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 10/5

If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

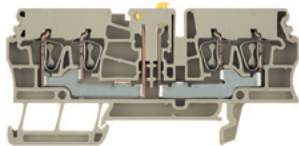
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 10/5

If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

**ZTR 2.5/4AN****2.5 mm<sup>2</sup>**

Four connections



5.1 x 82.5 x 41  
**16 / 2.5**  
**0.05...2.5**



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (D)     | 300 (C)     |
| 16       | 10 (D)      | 10 (C)      |
| 2.5      | AWG 30...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |

**Rated connection**

0.5...2.5  
 0.5...2.5 / 0.5...1.5  
 10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTR 2.5/4AN        | 100  | 7920900000 |
| ZTR 2.5/4AN BL     | 100  | 7920930000 |
| ZTR 2.5/4AN/O.TNHE | 100  | 7920950000 |
| ZTR 2.5/4AN OR     | 100  | 7920940000 |

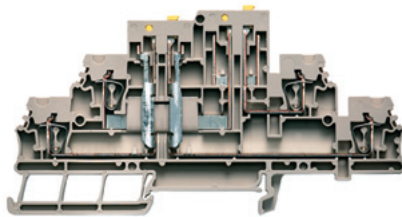
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| Width                  |         |      |            |
| ZAP/TW 3               | 2 mm    | 50   | 1608800000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100    |         | 1    | 1274660000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

WS 10/5 / DEK 5/5

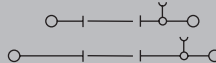
If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

**ZDTR 2.5****2.5 mm<sup>2</sup>**

Four connections



5.1 x 117 x 68  
**16 / 4**  
**0.13...4**



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (D)     | 300 (B)     |
| 16       | 10 (D)      | 10 (B)      |
| 2.5      | AWG 26...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |

**Rated connection**

0.5...4  
 0.5...4 / 0.5...2.5  
 10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZDTR 2.5    | 20   | 1745400000 |
| ZDTR 2.5 BL | 20   | 1798330000 |

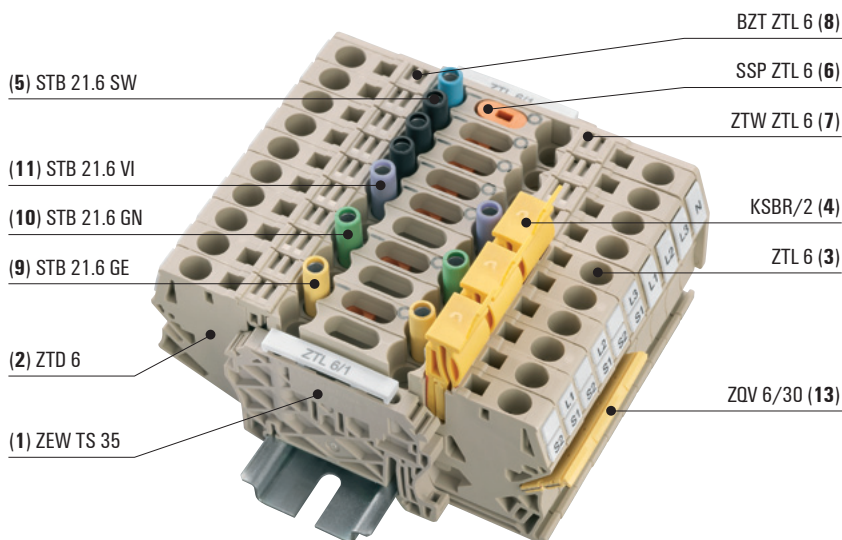
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| Width               |         |      |            |
| AP ZDTR2.5          | 1.5 mm  | 20   | 1745420000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| PS 2.3 RT           | 5.4 mm  | 20   | 0180400000 |
| SIHA 2/G20 10-36V   | 5.95 mm | 25   | 9543070000 |
| SIHA 2/G20 140-250V | 5.95 mm | 25   | 9537640000 |
| BEST                | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR           | 5.1 mm  | 50   | 1878570000 |
| BEST/D              | 5.1 mm  | 50   | 1878560000 |

DEK 5/5

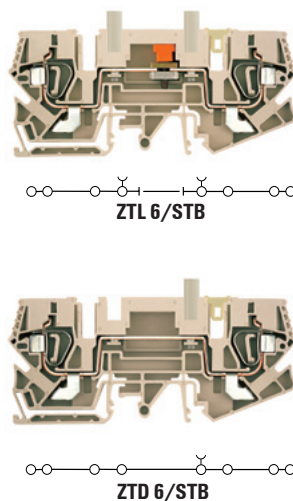
If the disconnect lever is replaced by the SIHA 3 (only on the top level), a fused terminal is created.

## Test-disconnect terminals

## Test-disconnect terminal blocks for measuring with ZTL 6

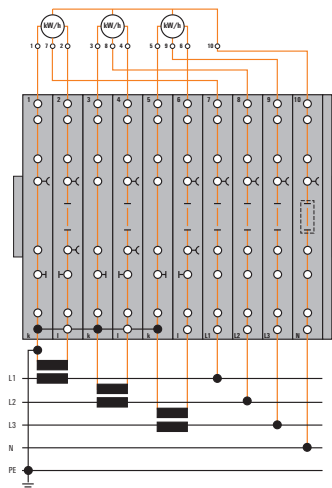


| Pos.                                                                   | Type                  | Qty. | Order No.  |
|------------------------------------------------------------------------|-----------------------|------|------------|
| 1                                                                      | ZEW TS 35 (nur TS 35) | 20   | 9540000000 |
| 1                                                                      | EWK1 (nur TS 32)      | 50   | 0206160000 |
| 2                                                                      | ZTD 6                 | 20   | 1771810000 |
| 3                                                                      | ZTL 6                 | 20   | 1771800000 |
| 4                                                                      | KSBR/2                | 50   | 1771820000 |
| 5                                                                      | STB 21.6 SW           | 50   | 1071040000 |
| 6                                                                      | SSP ZTL 6             | 100  | 1771860000 |
| 7                                                                      | ZTW ZTL 6             | 20   | 1771870000 |
| 8                                                                      | BZT ZTL 6             | 20   | 1781140000 |
| Optionally available for better labelling<br>(instead of 11 x Pos. 5): |                       |      |            |
| 5                                                                      | STB 21.6 BE           | 50   | 1071000000 |
| 9                                                                      | STB 21.6 GE           | 50   | 1071010000 |
| 10                                                                     | STB 21.6 GN           | 50   | 1071020000 |
| 11                                                                     | STB 21.6 VI           | 50   | 1071030000 |
| 12                                                                     | STB 21.6 BL           | 50   | 1071080000 |
| Optionally available for a shared k-point:                             |                       |      |            |

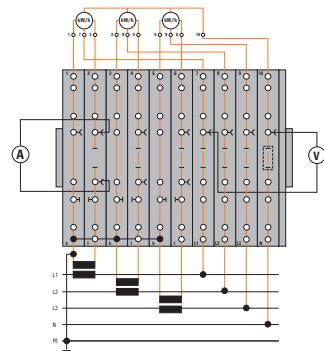


## Operating status

(with internal distribution of the k-point)



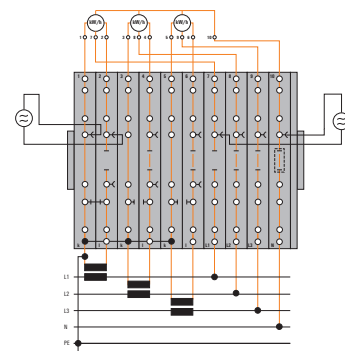
## Comparison measurement for L1



## Operation depending on the operating status:

1. Connect ammeter to test sockets of terminal 2.
2. Open disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

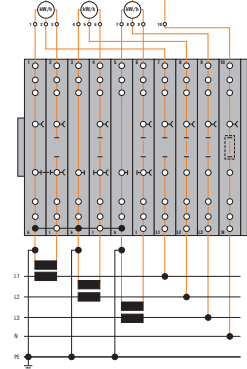
## Meter test for L1 through external power supply



## Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to the sockets of terminals 1, 2 and 7, 10.

## Changing the meter for L1



## Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at terminals 1, 2 and 7, 10.

Terminal for power supply

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

**Technical data**

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

**Note****Ordering data**

| Version |                |
|---------|----------------|
|         | Without socket |
|         | with socket    |
| Note    |                |

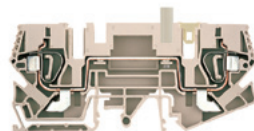
**Accessories**

| Pluggable cross-connection                                                          |                            |
|-------------------------------------------------------------------------------------|----------------------------|
|  | 2-pole                     |
|                                                                                     | 3-pole                     |
|                                                                                     | 4-pole                     |
| End plate / Partition plate                                                         |                            |
|                                                                                     | End plate                  |
| Testing / Checking                                                                  |                            |
|                                                                                     | Test plug                  |
|                                                                                     | Socket - blue              |
|                                                                                     | Socket - yellow            |
|                                                                                     | Socket - green             |
|                                                                                     | Socket - magenta           |
| Miscellaneous accessories                                                           |                            |
|                                                                                     | Lockout device             |
|                                                                                     | Short-circuit plug, 2-pole |
|                                                                                     | Short-circuit plug, 3-pole |
|                                                                                     | Short-circuit plug, 4-pole |
| Marker holder                                                                       |                            |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

**ZTD 6**6 mm<sup>2</sup>

Feed-through terminal



8 x 106 x 48  
52 / 10  
0.5...10



IEC 60947-7-1

| IEC                | UL         | CSA        |
|--------------------|------------|------------|
| 800                | 300 (C)    | 300 (C)    |
| 41                 | 33 (C)     | 33 (C)     |
| 6                  | AWG 20...8 | AWG 20...8 |
| 8 kV / 3           |            |            |
| A5 / V-0           |            |            |
| Rated connection   |            |            |
| 0.5...10 / 1.5...6 |            |            |
| 0.5...6 / 0.5...6  |            |            |
| 13 / 0.8 x 4.0 mm  |            |            |

400 V when used as a disconnect terminal. Tightening torque for ZTD 6 disconnect element with screw = 0.5 - 0.6 Nm.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZTD 6     | 20   | 1771810000 |
| ZTD 6/STB | 20   | 1771960000 |

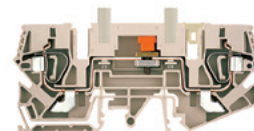
| Type                  | current | Qty. | Order No.  |
|-----------------------|---------|------|------------|
| ZQV 6/2 GE            | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE            | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE            | 41 A    | 60   | 1627870000 |
| Width                 |         |      |            |
| ZTW ZTL6              | 2 mm    | 20   | 1771870000 |
| Width                 |         |      |            |
| PS 4 F.STB 4          | 7.6 mm  | 20   | 0299600000 |
| STB 21.6/IH/BL WTL6/3 | 6.2 mm  | 50   | 1071080000 |
| STB 21.6/IH/GE WTL6/3 | 6.2 mm  | 50   | 1071010000 |
| STB 21.6/IH/GN WTL6/3 | 6.2 mm  | 50   | 1071020000 |
| STB 21.6/IH/VI WTL6/3 | 6.2 mm  | 50   | 1071030000 |
| Width                 |         |      |            |
| KSBR/2 ZTL6           | 13.7 mm | 20   | 1771820000 |
| KSBR/3 ZTL6           | 23.2 mm | 20   | 1771830000 |
| KSBR/4 ZTL6           | 31.3 mm | 20   | 1771840000 |
| BZT ZTL6              | 7.8 mm  | 20   | 1781140000 |

DEK 5/8 / WS 12/6,5

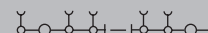
Pluggable label holders for additional labelling tags are above the cross-connection channel (BZT ZTL 6).

**ZTL 6**6 mm<sup>2</sup>

Disconnect test terminal



8 x 106 x 48  
52 / 10  
0.5...10



IEC 60947-7-1

| IEC                | UL         | CSA        |
|--------------------|------------|------------|
| 800                | 300 (C)    | 300 (C)    |
| 41                 | 33 (C)     | 33 (C)     |
| 6                  | AWG 20...8 | AWG 20...8 |
| 8 kV / 3           |            |            |
| A5 / V-0           |            |            |
| Rated connection   |            |            |
| 0.5...10 / 1.5...6 |            |            |
| 0.5...6 / 0.5...6  |            |            |
| 13 / 0.8 x 4.0 mm  |            |            |

400 V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnect element with screw = 0.5 - 0.6 Nm.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZTL 6     | 20   | 1771800000 |
| ZTL 6/STB | 20   | 1771950000 |

| Type                  | current | Qty. | Order No.  |
|-----------------------|---------|------|------------|
| ZQV 6/2 GE            | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE            | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE            | 41 A    | 60   | 1627870000 |
| Width                 |         |      |            |
| ZTW ZTL6              | 2 mm    | 20   | 1771870000 |
| Width                 |         |      |            |
| PS 4 F.STB 4          | 7.6 mm  | 20   | 0299600000 |
| STB 21.6/IH/BL WTL6/3 | 6.2 mm  | 50   | 1071080000 |
| STB 21.6/IH/GE WTL6/3 | 6.2 mm  | 50   | 1071010000 |
| STB 21.6/IH/GN WTL6/3 | 6.2 mm  | 50   | 1071020000 |
| STB 21.6/IH/VI WTL6/3 | 6.2 mm  | 50   | 1071030000 |
| Width                 |         |      |            |
| SSP ZTL6              | 6 mm    | 100  | 1771860000 |
| KSBR/2 ZTL6           | 13.7 mm | 20   | 1771820000 |
| KSBR/3 ZTL6           | 23.2 mm | 20   | 1771830000 |
| KSBR/4 ZTL6           | 31.3 mm | 20   | 1771840000 |
| BZT ZTL6              | 7.8 mm  | 20   | 1781140000 |

DEK 5/8 / WS 12/6,5

Pluggable label holders for additional labelling tags are above the cross-connection channel (BZT ZTL 6).

## Test-disconnect terminals

## Standard model and Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Blue Wemid                         |
|         | Without isolator, Dark beige Wemid |
|         | Orange Wemid                       |
| Note    |                                    |

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

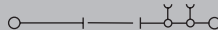
## ZTR 2.5-2

2.5 mm<sup>2</sup>

Two connections



5.1 x 50.5 x 44  
21 / 2.5  
0.13...2.5



IEC 60947-7-1

| IEC                                                                                                             | UL          | CSA         |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                                             | 300 (D)     | 300 (C)     |
| 10                                                                                                              | 10 (D)      | 10 (C)      |
| 2.5                                                                                                             | AWG 26...12 | AWG 26...12 |
| 6 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                                                                                                 |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...2.5                                                                                                       |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZTR 2.5-2        | 100  | 1779010000 |
| ZTR 2.5-2 BL     | 100  | 1779120000 |
| ZTR 2.5-2/0.TNHE | 100  | 1779020000 |
| ZTR 2.5-2 OR     | 100  | 1779130000 |

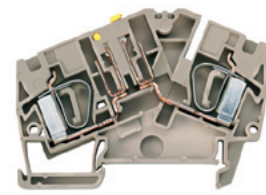
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5/2              | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3              | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4              | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10             | 24 A    | 20   | 1608940000 |
| Width                  |         |      |            |
| ZAP/TW7                | 2.5 mm  | 50   | 1706110000 |
| ZEW 35                 |         |      |            |
|                        | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100    |         |      |            |
|                        |         | 1    | 1274660000 |
| SIHA 3/G20             |         |      |            |
|                        | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   |         |      |            |
|                        | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V |         |      |            |
|                        | 5.95 mm | 25   | 7921600000 |
| BEST                   |         |      |            |
|                        | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              |         |      |            |
|                        | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 |         |      |            |
|                        | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         |      |            |
|                        |         | 50   | 1833090000 |

| Identification systems                                                          |                   |
|---------------------------------------------------------------------------------|-------------------|
|                                                                                 | DEK 5/5 / WS 14/5 |
| If the disconnect lever is replaced by the SIHA 2, a fused terminal is created. |                   |

## ZTR 6-2

6 mm<sup>2</sup>

2 connections



8.1 x 70 x 51  
30 / 10  
0.05...10



| IEC                | UL | CSA |
|--------------------|----|-----|
| 500                |    |     |
| 30                 |    |     |
| 6                  |    |     |
| 6 kV / 3           |    |     |
| A5 / V-0           |    |     |
| Rated connection   |    |     |
| 0.5...10 / 0.5...6 |    |     |
| 0.5...6 / 0.5...6  |    |     |
| 12 / 0.6 x 3.5 mm  |    |     |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| ZTR 6-2 | 50   | 1023830000 |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| ZQV 6/2 GE       | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE       | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE       | 41 A    | 60   | 1627870000 |
| ZQV 6/24 GE      | 41 A    | 10   | 1908990000 |
| Width            |         |      |            |
| ZAP ZDU6-2       | 2 mm    | 50   | 1771440000 |
| ZEW 35           |         |      |            |
|                  | 6 mm    | 20   | 9540000000 |
| SDIS 0.6X3.5X100 |         |      |            |
|                  |         | 1    | 9008390000 |

| Identification systems |  |
|------------------------|--|
|                        |  |

# Roof-style

# ZTR 6-2 E

6 mm<sup>2</sup>

# Operation mode

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

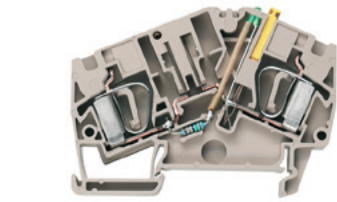
| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                            |
|---------|----------------------------|
|         | Dark beige Wemid, 230 V UC |
|         | Dark beige Wemid, 24 V DC  |
| Note    |                            |

## Accessories

| End plate / Partition plate |                   |
|-----------------------------|-------------------|
|                             | Dark beige Wemid  |
| End bracket                 |                   |
|                             | Dark beige Wemid  |
| Test adapter                |                   |
|                             | With assembly peg |
| Screwdriver                 |                   |
|                             | Standard          |



8.1 x 70 x 51  
20 / 10  
0.05...10

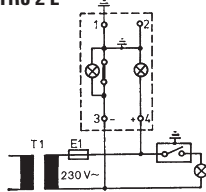
| IEC                | UL       | CSA |
|--------------------|----------|-----|
| 230                |          |     |
| 20                 |          |     |
| 6                  |          |     |
|                    | 8 kV / 3 |     |
|                    | A5 / V-0 |     |
| Rated connection   |          |     |
| 0.5...10 / 0.5...6 |          |     |
| 0.5...6 / 0.5...6  |          |     |
| 12 / 0.6 x 3.5 mm  |          |     |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| ZTR 6-2 E / 230V UC | 10   | 8817930000 |
| ZTR 6-2 E / 24V DC  | 10   | 8817920000 |

| Type             | Width  | Qty. | Order No.  |
|------------------|--------|------|------------|
| ZAP ZDU6-2       | 2 mm   | 50   | 1771440000 |
| ZEW 35           | 6 mm   | 20   | 9540000000 |
| ZTA 7/ZA         | 8.1 mm | 25   | 1780670000 |
| SDIS 0.6X3.5X100 |        | 1    | 9008390000 |

## Operating mode

### ZTR6-2 E

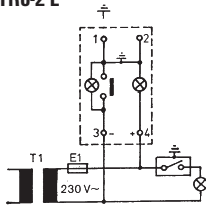


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

### Test position

When measuring insulation resistance with voltages greater than U<sub>Nom</sub>, the earth connection must first be disconnected.

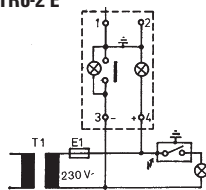
### ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U<sub>Nom</sub>, the earth connection must be disconnected.

## Operational malfunction

### ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

(see assortment in catalogue 7)

Note

## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

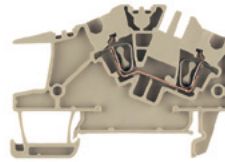
| Pluggable cross-connection                        |                                      |
|---------------------------------------------------|--------------------------------------|
|                                                   | 2-pole                               |
|                                                   | 3-pole                               |
|                                                   | 4-pole                               |
|                                                   | 10-pole                              |
|                                                   | 20-/24-pole                          |
| End plate / Partition plate                       |                                      |
|                                                   | Dark beige Wemid                     |
|                                                   | Blue Wemid                           |
| Support bracket for 10 x 3 (required every 20 cm) |                                      |
|                                                   | Blue Wemid                           |
|                                                   | For a vertical installation position |
| End bracket                                       |                                      |
|                                                   | Dark beige Wemid                     |
| Screwdriver                                       |                                      |
|                                                   | Standard                             |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

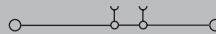
## ZDU 2.5 S

2.5 mm<sup>2</sup>

Two connections



5.1 x 61 x 44  
24 / 4  
0.5...4



IEC 60947-7-1

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 400                                                                          |          |     |
| 24                                                                           |          |     |
| 2.5                                                                          |          |     |
|                                                                              | 6 kV / 3 |     |
|                                                                              | A2 / V-0 |     |
| Rated connection                                                             |          |     |
| 0.5...4                                                                      |          |     |
| 0.5...4 / 0.5...2.5                                                          |          |     |
| 10 / 0.6 x 3.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZDU 2.5 S                                                          | 100  | 1808010000 |
| ZDU 2.5 S BL                                                       | 100  | 1808020000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP ZDU 2.5 S       | 2 mm    | 20   | 1808030000 |
| ZAP ZDU 2.5 S BL    | 2 mm    | 20   | 1808040000 |
| ZHP S               | 3 mm    | 20   | 1808290000 |
| ZHP S SO            | 3 mm    | 20   | 1808280000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |         | 1    | 1274680000 |

DEK 5/5 / WS 10/5

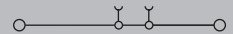
## ZDU 4 S

4 mm<sup>2</sup>

Two connections



6.1 x 64.2 x 46  
32 / 6  
0.5...6



IEC 60947-7-1

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 400                                                                          |          |     |
| 32                                                                           |          |     |
| 4                                                                            |          |     |
|                                                                              | 6 kV / 3 |     |
|                                                                              | A3 / V-0 |     |
| Rated connection                                                             |          |     |
| 0.5...6                                                                      |          |     |
| 0.5...4 / 0.5...4                                                            |          |     |
| 10 / 0.6 x 3.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZDU 4 S                                                            | 100  | 1808360000 |
| ZDU 4 S BL                                                         | 100  | 1808370000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE          | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE          | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE         | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE         | 32 A    | 20   | 1909010000 |
| Width               |         |      |            |
| ZAP ZDU 4 S         | 2 mm    | 20   | 1808380000 |
| ZAP ZDU 4 S BL      | 2 mm    | 20   | 1808390000 |
| ZHP S               | 3 mm    | 20   | 1808290000 |
| ZHP S SO            | 3 mm    | 20   | 1808280000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

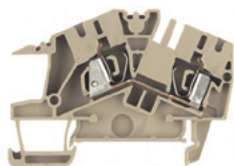
DEK 5/5 / WS 10/6



## ZDU 6S

6 mm<sup>2</sup>

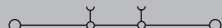
Two connections



8.1 x 64.35 x 50.09

41 / 10

0.5...10



IEC 60947-7-1

| IEC | UL       | CSA |
|-----|----------|-----|
| 400 |          |     |
| 41  |          |     |
| 6   |          |     |
|     | 6 kV / 3 |     |
|     | A5 / V-0 |     |



Rated connection

0.5...10

0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDU 6 S    | 100  | 1808230000 |
| ZDU 6 S BL | 100  | 1808240000 |

The distance from holding plate to holding plate should be 200 mm.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 6/2 GE          | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE          | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE          | 41 A    | 60   | 1627870000 |
| ZQV 6/24 GE         | 41 A    | 10   | 1908990000 |
| Width               |         |      |            |
| ZAP ZDU 6 S         | 2 mm    | 20   | 1808250000 |
| ZAP ZDU 6 S BL      | 2 mm    | 20   | 1808260000 |
| ZHP S               | 3 mm    | 20   | 1808290000 |
| ZHP S SO            | 3 mm    | 20   | 1808280000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.8X4.0X100 |         | 1    | 1274670000 |

DEK 5/8 / WS 10/6

## ZDU 10/S

10 mm<sup>2</sup>

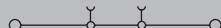
Two connections



10 x 86.5 x 48.5

76 / 16

1.3...16



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 600 (C)    | 300 (C)    |
| 57  | 60 (C)     | 55 (C)     |
| 10  | AWG 16...6 | AWG 16...6 |
|     | 6 kV / 3   |            |
|     | A6 / V-0   |            |



Rated connection

1.5...16 / 1.5...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDU 10S    | 25   | 1739540000 |
| ZDU 10S BL | 25   | 1739550000 |

The distance from holding plate to holding plate should be 200 mm.

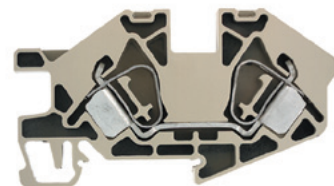
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 10/2            | 17.5 A  | 25   | 1739680000 |
| Width               |         |      |            |
| ZAP ZDU10/16S       | 2 mm    | 20   | 1739660000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |         | 1    | 1274680000 |

DEK 5/5

## ZDU 16/S

16 mm<sup>2</sup>

Two connections



12 x 95 x 48.5

76 / 25

1.5...25



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 600 (C)    | 300 (C)    |
| 76  | 65 (C)     | 65 (C)     |
| 16  | AWG 14...4 | AWG 14...4 |
|     | 6 kV / 3   |            |
|     | A7 / V-0   |            |



Rated connection

1.5...16 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDU 16S    | 25   | 1739580000 |
| ZDU 16S BL | 25   | 1739590000 |

The distance from holding plate to holding plate should be 200 mm.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 16/2            | 76 A    | 25   | 1739690000 |
| Width               |         |      |            |
| ZAP ZDU10/16S       | 2 mm    | 20   | 1739660000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |         | 1    | 1274680000 |

DEK 5/5



## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

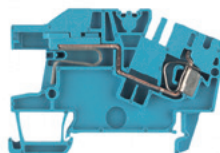
| Pluggable cross-connection                        |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | 2-pole                                       |
|                                                   | 3-pole                                       |
|                                                   | 4-pole                                       |
|                                                   | 20-/24-pole                                  |
| End plate / Partition plate                       |                                              |
|                                                   | Dark beige Wemid                             |
|                                                   | Blue Wemid                                   |
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|                                                   | Blue Wemid                                   |
|                                                   | For a vertical installation position         |
| End bracket                                       |                                              |
|                                                   | Dark beige Wemid                             |
| Screwdriver                                       |                                              |
|                                                   | Standard                                     |
| Busbar 10 x 3 (140 A)                             |                                              |
|                                                   | OK, Busbar up to OK, TS35 = 25.5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0.5 - 6 / 4 mm <sup>2</sup> |
|                                                   | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

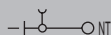
## ZNT 6 S

6 mm<sup>2</sup>

Two connections



8.1 x 64.35 x 50.09  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 250                                                                          |          |     |
| 41                                                                           |          |     |
| 6                                                                            |          |     |
|                                                                              | 4 kV / 3 |     |
|                                                                              | A5 / V-0 |     |
| Rated connection                                                             |          |     |
| 0.5...10                                                                     |          |     |
| 0.5...10 / 0.5...6                                                           |          |     |
| 12 / 0.6 x 3.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZNT 6 S                                                            | 50   | 1808320000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 6/2 GE           | 41 A    | 60   | 1627850000 |
| ZQV 6/3 GE           | 41 A    | 60   | 1627860000 |
| ZQV 6/4 GE           | 41 A    | 60   | 1627870000 |
| ZQV 6/24 GE          | 41 A    | 10   | 1908990000 |
| Width                |         |      |            |
| ZAP ZDU 6 S          | 2 mm    | 20   | 1808250000 |
| ZAP ZDU 6 S BL       | 2 mm    | 20   | 1808260000 |
| ZHP S                | 3 mm    | 20   | 1808290000 |
| ZHP S SO             | 3 mm    | 20   | 1808280000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.8X4.0X100  |         |      |            |
|                      |         | 1    | 1274670000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZB 4K BL             |         |      |            |
|                      | 6 mm    | 50   | 0475380000 |
| ZB 16K BL            |         |      |            |
|                      | 10 mm   | 50   | 0502880000 |
| ZB 35K BL M6X16      |         |      |            |
|                      | 14 mm   | 20   | 0502680000 |

|                   |
|-------------------|
| DEK 5/8 / WS 10/6 |
|-------------------|

## ZNT 10 S

10 mm<sup>2</sup>

Two connections



10 x 86.5 x 50  
**/ 16**  
**1.3...16**



IEC 60947-7-1

| IEC                                                                          | UL         | CSA        |
|------------------------------------------------------------------------------|------------|------------|
| 400                                                                          | 600 (C)    | 300 (C)    |
| 57                                                                           | 55 (C)     | 55 (C)     |
| 10                                                                           | AWG 16...6 | AWG 16...6 |
|                                                                              | 6 kV / 3   |            |
|                                                                              | A6 / V-0   |            |
| Rated connection                                                             |            |            |
| 1.5...16 / 1.5...16                                                          |            |            |
| 1.5...10 / 1.5...10                                                          |            |            |
| 18 / 1.0 x 5.5 mm                                                            |            |            |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |            |            |

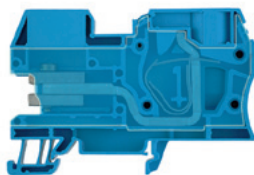
| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZNT 10S                                                            | 25   | 1739560000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 16/2             | 76 A    | 25   | 1739690000 |
| Width                |         |      |            |
| ZAP ZDU10/16S        | 2 mm    | 20   | 1739660000 |
| ZEW 35               |         |      |            |
|                      | 6 mm    | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125  |         |      |            |
|                      |         | 1    | 1274680000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZB 4K BL             |         |      |            |
|                      | 6 mm    | 50   | 0475380000 |
| ZB 16K BL            |         |      |            |
|                      | 10 mm   | 50   | 0502880000 |
| ZB 35K BL M6X16      |         |      |            |
|                      | 14 mm   | 20   | 0502680000 |

|         |
|---------|
| DEK 5/5 |
|---------|

**35 mm<sup>2</sup>**

## Two connections


$$-|-\text{O}-\text{NT}$$

IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 600 (C)    | 600 (C)    |
| 125 | 120 (C)    | 120 (C)    |
| 35  | AWG 12...2 | AWG 12...2 |
|     | 6 kV / 3   |            |
|     | A8 / V-0   |            |



### Rated connection

$$\frac{2.5 \dots 10}{2.5 \dots 35} / \frac{16 \dots 35}{2.5 \dots 35}$$

25 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZNT 35                                                             | 10   | 1739640000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

[illegible]

DEK 5/5

Integrated end plate.

## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

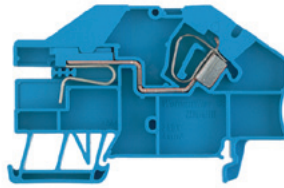
| Pluggable cross-connection                        |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | 2-pole                                       |
|                                                   | 3-pole                                       |
|                                                   | 4-pole                                       |
|                                                   | 20-/24-pole                                  |
| End plate / Partition plate                       |                                              |
|                                                   | Dark beige Wemid                             |
|                                                   | Blue Wemid                                   |
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|                                                   | Blue Wemid                                   |
|                                                   | For a vertical installation position         |
| End bracket                                       |                                              |
|                                                   | Dark beige Wemid                             |
| Screwdriver                                       |                                              |
|                                                   | Standard                                     |
| Busbar 10 x 3 (140 A)                             |                                              |
|                                                   | OK, Busbar up to OK, TS35 = 25.5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0.5 - 6 / 4 mm <sup>2</sup> |
|                                                   | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## ZDU 4 NT

4 mm<sup>2</sup>

## Modified busbar position



6.1 x 78.5 x 50.5  
**32 / 6**  
**0.13...6**

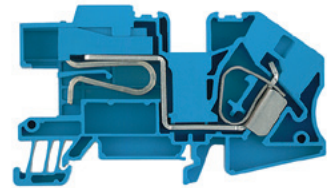
IEC 60947-7-1

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 250                                                                          |          |     |
| 32                                                                           |          |     |
| 4                                                                            |          |     |
|                                                                              | 4 kV / 3 |     |
|                                                                              | A4 / V-0 |     |
| Rated connection                                                             |          |     |
| 0.5...6                                                                      |          |     |
| 0.5...4 / 0.5...4                                                            |          |     |
| 12 / 0.6 x 3.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

## ZDU 10 NT

10 mm<sup>2</sup>

## Modified busbar position



10 x 86.5 x 50  
**57 / 16**  
**1.5...16**

IEC 60947-7-1

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 250                                                                          |          |     |
| 57                                                                           |          |     |
| 10                                                                           |          |     |
|                                                                              | 4 kV / 3 |     |
|                                                                              | A6 / V-0 |     |
| Rated connection                                                             |          |     |
| 1.5...10 / 1.5...16                                                          |          |     |
| 1.5...10 / 1.5...10                                                          |          |     |
| 18 / 1.0 x 5.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

| Type                                                                                   | Qty. | Order No.  |
|----------------------------------------------------------------------------------------|------|------------|
| ZDU 4/NT DB                                                                            | 50   | 1778080000 |
| ZDU 4/NT                                                                               | 50   | 1757980000 |
| Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| ZAP ZDU4/NT          | 1.5 mm  | 20   | 1757970000 |
|                      |         |      |            |
| ZHP ZDU4/NT S0       | 3 mm    | 20   | 1803890000 |
|                      |         |      |            |
| ZEW 35               | 6 mm    | 20   | 9540000000 |
|                      |         |      |            |
| SDIS SL 0.6X3.5X100  |         | 1    | 1274660000 |
|                      |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
|                      |         |      |            |
| ZB 4K BL             | 6 mm    | 50   | 0475380000 |
| ZB 16K BL            | 10 mm   | 50   | 0502880000 |
| ZB 35K BL M6X16      | 14 mm   | 20   | 0502680000 |

| Type                                                                                   | Qty. | Order No.  |
|----------------------------------------------------------------------------------------|------|------------|
| ZDU 10/NT                                                                              | 25   | 1762420000 |
| Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZDV 10/2             | 17.5 A  | 25   | 1739680000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| ZAP ZDU10/16S        | 2 mm    | 20   | 1739660000 |
|                      |         |      |            |
| ZHP ZDU4/NT S0       | 3 mm    | 20   | 1803890000 |
|                      |         |      |            |
| ZEW 35               | 6 mm    | 20   | 9540000000 |
|                      |         |      |            |
| SDIS SL 1.0X4.5X125  |         | 1    | 1274680000 |
|                      |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
|                      |         |      |            |
| ZB 4K BL             | 6 mm    | 50   | 0475380000 |
| ZB 16K BL            | 10 mm   | 50   | 0502880000 |
| ZB 35K BL M6X16      | 14 mm   | 20   | 0502680000 |

| Identification systems |                   |
|------------------------|-------------------|
|                        | WS 12/5 / DEK 5/6 |
| Note                   |                   |

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

### Accessories

|                                                   |                                                    |
|---------------------------------------------------|----------------------------------------------------|
| End plate / Partition plate                       | Dark beige Wemid                                   |
| Support bracket for 10 x 3 (required every 20 cm) | Blue Wemid<br>For a vertical installation position |
| End bracket                                       | Dark beige Wemid                                   |
| Screwdriver                                       | Standard                                           |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### ZPE 2.5 S

2.5 mm<sup>2</sup>

Two connections



5.1 x 62.5 x 44  
/ 4  
0.5...4



IEC 60947-7-2

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 400                                                                          |          |     |
| 2.5                                                                          |          |     |
|                                                                              | 6 kV / 3 |     |
|                                                                              | A2 / V-0 |     |
| Rated connection                                                             |          |     |
| 0.5...4                                                                      |          |     |
| 0.5...4 / 0.5...2.5                                                          |          |     |
| 10 / 0.6 x 3.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZPE 2.5 S                                                          | 100  | 1808330000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP ZDU 2.5 S       | 2 mm  | 20   | 1808030000 |
| ZHP S               | 3 mm  | 20   | 1808290000 |
| ZHP S SO            | 3 mm  | 20   | 1808280000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |       | 1    | 1274660000 |

DEK 5/5 / WS 10/5

### ZPE 4 S

4 mm<sup>2</sup>

Two connections



6.1 x 65.5 x 46  
/ 6  
0.5...6



IEC 60947-7-2

| IEC                                                                          | UL       | CSA |
|------------------------------------------------------------------------------|----------|-----|
| 400                                                                          |          |     |
| 4                                                                            |          |     |
|                                                                              | 6 kV / 3 |     |
|                                                                              | A3 / V-0 |     |
| Rated connection                                                             |          |     |
| 0.5...6                                                                      |          |     |
| 0.5...4 / 0.5...4                                                            |          |     |
| 10 / 0.6 x 3.5 mm                                                            |          |     |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |          |     |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZPE 4 S                                                            | 100  | 1808340000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP ZDU 4 S         | 2 mm  | 20   | 1808380000 |
| ZHP S               | 3 mm  | 20   | 1808290000 |
| ZHP S SO            | 3 mm  | 20   | 1808280000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |       | 1    | 1274660000 |

DEK 5/6 / WS 10/6

## Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

## Accessories

| End plate / Partition plate                       |                                      |
|---------------------------------------------------|--------------------------------------|
|                                                   | Dark beige Wemid                     |
| Support bracket for 10 x 3 (required every 20 cm) |                                      |
|                                                   | Blue Wemid                           |
|                                                   | For a vertical installation position |
| End bracket                                       |                                      |
|                                                   | Dark beige Wemid                     |
| Screwdriver                                       |                                      |
|                                                   | Standard                             |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

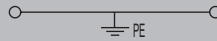
## ZPE 6 S

6 mm<sup>2</sup>

Two connections



8.1 x 65.5 x 50.09  
/ 10  
0.5...10



IEC 60947-7-2

| IEC | UL       | CSA |
|-----|----------|-----|
| 400 |          |     |
| 6   |          |     |
|     | 6 kV / 3 |     |
|     | A5 / V-0 |     |

## Rated connection

|                    |
|--------------------|
| 0.5...10           |
| 0.5...10 / 0.5...6 |
| 12 / 0.6 x 3.5 mm  |

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZPE 6 S                                                            | 100  | 1808350000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP ZDU 6 S         | 2 mm  | 20   | 1808250000 |
| ZHP S               | 3 mm  | 20   | 1808290000 |
| ZHP S SO            | 3 mm  | 20   | 1808280000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |       | 1    | 1274660000 |

DEK 5/8 / WS 10/6

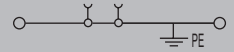
## ZPE 10/S

10 mm<sup>2</sup>

Two connections



10 x 86.5 x 48.5  
/ 16  
1.3...16



IEC 60947-7-2

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 |            |            |
| 10  | AWG 16...6 | AWG 16...6 |
|     | 6 kV / 3   |            |
|     | A6 / V-0   |            |

UL 94V-0

## Rated connection

|                     |
|---------------------|
| 1.5...16 / 1.5...16 |
| 1.5...10 / 1.5...10 |
| 18 / 1.0 x 5.5 mm   |

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZPE 10S                                                            | 25   | 1739570000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP ZDU10/16S       | 2 mm  | 20   | 1739660000 |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
| SDIS SL 1.0X4.5X125 |       | 1    | 1274680000 |

DEK 5/5 / WS 10/5

ZPE 16/S

16 mm²

Two connections



12 x 95 x 48.5  
/ 25  
1.5...25

| IEC 60947-7-2                                                                                        |            |            |
|------------------------------------------------------------------------------------------------------|------------|------------|
| IEC                                                                                                  | UL         | CSA        |
| 400                                                                                                  |            |            |
| 16                                                                                                   | AWG 14...4 | AWG 14...4 |
|                                                                                                      | 6 kV / 3   |            |
|                                                                                                      | A7 / V-0   |            |
|                     |            |            |
| Rated connection                                                                                     |            |            |
| 1.5...16 / 16...25                                                                                   |            |            |
| 1.5...16 / 1.5...16                                                                                  |            |            |
| 18 / 1.0 x 5.5 mm                                                                                    |            |            |
| To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15. |            |            |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| ZPE 16S                                                            | 25   | 1739610000 |
| The distance from holding plate to holding plate should be 200 mm. |      |            |

| Type                | Width | Qty. | Order No.  |
|---------------------|-------|------|------------|
| ZAP ZDU10/16S       | 2 mm  | 20   | 1739660000 |
|                     |       |      |            |
|                     |       |      |            |
|                     |       |      |            |
| ZEW 35              | 6 mm  | 20   | 9540000000 |
|                     |       |      |            |
| SDIS SL 1.0X4.5X125 |       | 1    | 1274680000 |

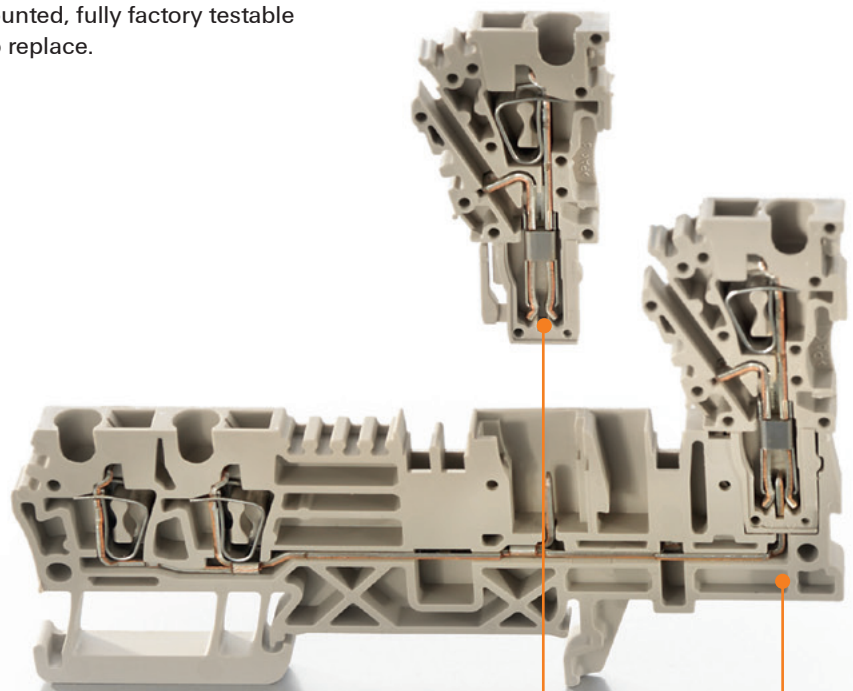
|         |
|---------|
| DEK 5/5 |
|         |

# WeiCoS pluggable terminal block system

## Connecting prefabricated functional units with speed and versatility

Our pluggable terminal rails with tension-clamp connections enable you to change functional units in the electrical cabinet quickly and simply.

Modular and flexible connection systems are especially in demand where complete functional units have to be prefabricated or replaced. Here WeiCoS (Weidmüller Connection System) – pluggable terminal blocks – show their full strengths. Quickly mounted, fully factory testable functional units which are faster and easier to replace.



### Reliable connection

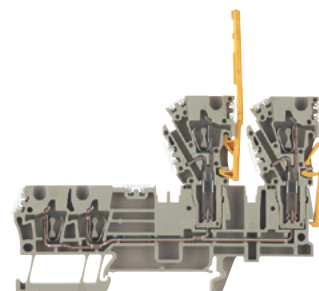
Terminal rails and plugs have tension-clamp connections that separate the electrical and mechanical functions from each other. The steel tension clamps as well as the external plug contacts ensure optimum contact forces; the copper busbars, lower voltage drops.





**Solid interlock**

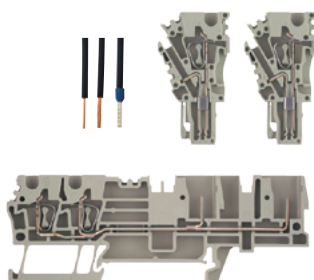
All the connectors can be locked securely to the base terminals using locking elements.

**Power supply**

Power is supplied using standard Z-series terminal blocks or with power supply terminals.

**Simple operation**

The parallel direction of wire entries and screwdriver operating direction means that you have a practical connection with the TOP connection system for which no special tools are needed. Test points are integrated.





## Pluggable standard terminals WeiCoS

### Feed-through terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Base terminal     |                  |
|-------------------|------------------|
|                   | Dark beige Wemid |
| Plug-in connector |                  |
|                   | 1-pole           |
|                   | 2-pole           |
|                   | 3-pole           |
|                   | 4-pole           |
|                   | 5-pole           |
|                   | 6-pole           |
|                   | 7-pole           |
|                   | 8-pole           |
|                   | 9-pole           |
|                   | 10-pole          |
| Note              |                  |

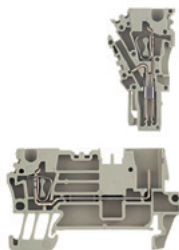
### Accessories

| Pluggable cross-connection       |                                 |
|----------------------------------|---------------------------------|
|                                  | 2-pole                          |
|                                  | 3-pole                          |
|                                  | 4-pole                          |
|                                  | 10-pole                         |
|                                  | 20-/24-pole                     |
| End plate / Partition plate      |                                 |
|                                  | Dark beige Wemid                |
|                                  | Orange Wemid                    |
| Test adapter                     |                                 |
|                                  | Standard                        |
|                                  | With assembly peg               |
| Miscellaneous accessories WeiCoS |                                 |
|                                  | Locking element                 |
|                                  | Coding element                  |
|                                  | Strain relief                   |
| Screwdriver                      |                                 |
|                                  | Standard                        |
| Identification systems           |                                 |
|                                  | (see assortment in catalogue 7) |
|                                  | Marking tags                    |
| Note                             |                                 |

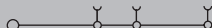
### ZT 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension clamp connection / 1 pluggable connection



5.1 x 58 x 35  
24 / 4  
0.13...4



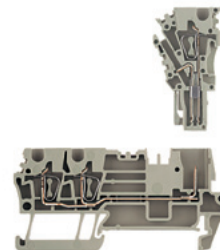
IEC 60947-7-1, IEC 61984

| IEC                                                                                                                                       | UL          | CSA                |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 500                                                                                                                                       | 300 (C)     | 300 (C)            |
| 690                                                                                                                                       |             |                    |
| 24                                                                                                                                        | 20 (C)      | 20 (C)             |
| 2.5                                                                                                                                       | AWG 26...12 | 26...12            |
| 6 kV / 3                                                                                                                                  |             |                    |
| A2 / V-0                                                                                                                                  |             |                    |
|                                                          |             |                    |
| Rated connection                                                                                                                          |             | Plug-in connection |
| 0.5...4                                                                                                                                   |             |                    |
| 0.5...4 / 0.5...2.5                                                                                                                       |             | 0.5 / 0.5...       |
| 10 / 0.6 x 3.5 mm                                                                                                                         |             |                    |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A. |             |                    |

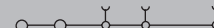
### ZT 2.5/3AN/1

2.5 mm<sup>2</sup>

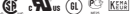
2 tension clamp connections / 1 pluggable connection



5.1 x 71.5 x 35  
24 / 4  
0.13...4



IEC 60947-7-1, IEC 61984

| IEC                                                                                                                           | UL          | CSA                |
|-------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 500                                                                                                                           | 300 (C)     | 300 (C)            |
| 690                                                                                                                           |             |                    |
| 24                                                                                                                            | 20 (C)      | 20 (C)             |
| 2.5                                                                                                                           | AWG 26...12 | 26...12            |
| 6 kV / 3                                                                                                                      |             |                    |
| A2 / V-0                                                                                                                      |             |                    |
|                                            |             |                    |
| Rated connection                                                                                                              |             | Plug-in connection |
| 0.5...4                                                                                                                       |             |                    |
| 0.5...4 / 0.5...2.5                                                                                                           |             | 0.5 / 0.5...       |
| 10 / 0.6 x 3.5 mm                                                                                                             |             |                    |
| 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A. |             |                    |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZT 2.5/3AN/1     | 50   | 1815090000 |
| Type             | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1  | 50   | 1815190000 |
| ZP 2.5/1AN/QV/2  | 25   | 1815200000 |
| ZP 2.5/1AN/QV/3  | 25   | 1815210000 |
| ZP 2.5/1AN/QV/4  | 25   | 1815220000 |
| ZP 2.5/1AN/QV/5  | 25   | 1815230000 |
| ZP 2.5/1AN/QV/6  | 25   | 1815240000 |
| ZP 2.5/1AN/QV/7  | 25   | 1815250000 |
| ZP 2.5/1AN/QV/8  | 20   | 1815260000 |
| ZP 2.5/1AN/QV/9  | 20   | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20   | 1815280000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZT 2.5/2AN/1     | 50   | 1815070000 |
| Type             | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1  | 50   | 1815190000 |
| ZP 2.5/1AN/QV/2  | 25   | 1815200000 |
| ZP 2.5/1AN/QV/3  | 25   | 1815210000 |
| ZP 2.5/1AN/QV/4  | 25   | 1815220000 |
| ZP 2.5/1AN/QV/5  | 25   | 1815230000 |
| ZP 2.5/1AN/QV/6  | 25   | 1815240000 |
| ZP 2.5/1AN/QV/7  | 25   | 1815250000 |
| ZP 2.5/1AN/QV/8  | 20   | 1815260000 |
| ZP 2.5/1AN/QV/9  | 20   | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20   | 1815280000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE      | 24 A    | 20   | 1909000000 |
| Width               |         |      |            |
| ZAP/TW ZT2.5/2AN    | 2.5 mm  | 50   | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm  | 50   | 1816040000 |
| Width               |         |      |            |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| Width               |         |      |            |
| ZVR ZP2.5           | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm  | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE      | 24 A    | 20   | 1909000000 |
| Width               |         |      |            |
| ZAP/TW ZT2.5/2AN    | 2.5 mm  | 50   | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm  | 50   | 1816040000 |
| Width               |         |      |            |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| Width               |         |      |            |
| ZVR ZP2.5           | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm  | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

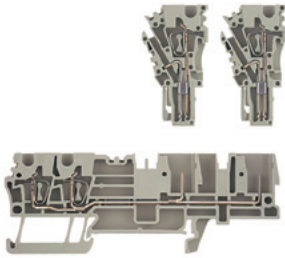
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

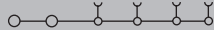
## ZT 2.5/4AN/2

2.5 mm<sup>2</sup>

2 tension clamp connections / 2 pluggable connections



5.1 x 93 x 35  
24 / 4  
0.13...4



IEC 60947-7-1, IEC 61984

| IEC      | UL          | CSA     |
|----------|-------------|---------|
| 500      | 300 (C)     | 300 (C) |
| 690      |             |         |
| 24       | 20 (C)      | 20 (C)  |
| 2.5      | AWG 26...12 | 26...12 |
| 6 kV / 3 |             |         |
| A2 / V-0 |             |         |



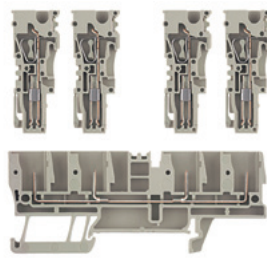
| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4             |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...        |
| 10 / 0.6 x 3.5 mm   |                    |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

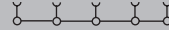
## ZT 2.5/4AN/4

2.5 mm<sup>2</sup>

4 pluggable connections



5.1 x 85.5 x 35  
24 /  
...



IEC 60947-7-1, IEC 61984

| IEC      | UL          | CSA     |
|----------|-------------|---------|
| 500      | 300 (C)     | 300 (C) |
| 690      |             |         |
| 24       | 20 (C)      | 20 (C)  |
| 2.5      | AWG 26...12 | 26...12 |
| 6 kV / 3 |             |         |
| / V-0    |             |         |



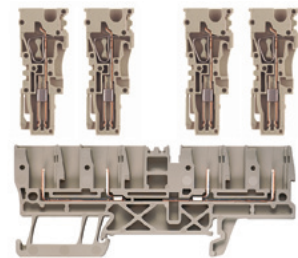
| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4             |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...        |
| / 0.6 x 3.5 mm      |                    |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

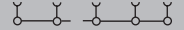
## ZT 2.5/2x2AN

2.5 mm<sup>2</sup>

2 x 2 connections



5.1 x 85.5 x 35  
24 /  
...



IEC 60947-7-1, IEC 61984

| IEC      | UL | CSA |
|----------|----|-----|
| 500      |    |     |
| 690      |    |     |
| 24       |    |     |
| 2.5      |    |     |
| 6 kV / 3 |    |     |
| / V-0    |    |     |



| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4             |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...        |
| / 0.6 x 3.5 mm      |                    |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZT 2.5/4AN/2     | 50   | 1815110000 |
| Type             | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1  | 50   | 1815190000 |
| ZP 2.5/1AN/QV/2  | 25   | 1815200000 |
| ZP 2.5/1AN/QV/3  | 25   | 1815210000 |
| ZP 2.5/1AN/QV/4  | 25   | 1815220000 |
| ZP 2.5/1AN/QV/5  | 25   | 1815230000 |
| ZP 2.5/1AN/QV/6  | 25   | 1815240000 |
| ZP 2.5/1AN/QV/7  | 25   | 1815250000 |
| ZP 2.5/1AN/QV/8  | 20   | 1815260000 |
| ZP 2.5/1AN/QV/9  | 20   | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20   | 1815280000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZT 2.5/4AN/4  | 50   | 1815130000 |
| Type          | Qty. | Order No.  |
| ZP 2.5/1AN/1  | 50   | 1815430000 |
| ZP 2.5/1AN/2  | 25   | 1815440000 |
| ZP 2.5/1AN/3  | 25   | 1815450000 |
| ZP 2.5/1AN/4  | 25   | 1815500000 |
| ZP 2.5/1AN/5  | 25   | 1815510000 |
| ZP 2.5/1AN/6  | 25   | 1815520000 |
| ZP 2.5/1AN/7  | 25   | 1815530000 |
| ZP 2.5/1AN/8  | 20   | 1815540000 |
| ZP 2.5/1AN/9  | 20   | 1815550000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZT 2.5/2X2AN  | 50   | 1967200000 |
| Type          | Qty. | Order No.  |
| ZP 2.5/1AN/1  | 50   | 1815430000 |
| ZP 2.5/1AN/2  | 25   | 1815440000 |
| ZP 2.5/1AN/3  | 25   | 1815450000 |
| ZP 2.5/1AN/4  | 25   | 1815500000 |
| ZP 2.5/1AN/5  | 25   | 1815510000 |
| ZP 2.5/1AN/6  | 25   | 1815520000 |
| ZP 2.5/1AN/7  | 25   | 1815530000 |
| ZP 2.5/1AN/8  | 20   | 1815540000 |
| ZP 2.5/1AN/9  | 20   | 1815550000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Type                  | current | Qty. | Order No.  |
|-----------------------|---------|------|------------|
| ZQV 2.5N/2 GE         | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE         | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE         | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE        | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE        | 24 A    | 20   | 1909000000 |
| Width                 |         |      |            |
| ZAP/TW ZT2.5/4AN/2    | 2.5 mm  | 50   | 1816070000 |
| ZAP/TW ZT2.5/4AN/2 OR | 2.5 mm  | 50   | 1816080000 |
|                       |         |      |            |
| ZTA ZT2.5             | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA          | 5.1 mm  | 25   | 1847600000 |
|                       |         |      |            |
| ZVR ZP2.5             | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5            | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5             | 9.9 mm  | 25   | 1816140000 |
|                       |         |      |            |
| SDIS SL 0.6X3.5X100   |         | 1    | 1274660000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE      | 24 A    | 20   | 1909000000 |
| Width               |         |      |            |
| ZAP/TW ZT2.5/4AN/4  | 2.5 mm  | 50   | 1816090000 |
|                     |         |      |            |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
|                     |         |      |            |
| ZVR ZP2.5           | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm  | 25   | 1816140000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE      | 24 A    | 20   | 1909000000 |
| Width               |         |      |            |
| ZAP/TW ZT2.5/4AN/4  | 2.5 mm  | 50   | 1816090000 |
|                     |         |      |            |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
|                     |         |      |            |
| ZVR ZP2.5           | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm  | 25   | 1816140000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

DEK 5/5 / WS 10/5

DEK 5/5 / WS 10/5

DEK 5/5 / WS 10/5

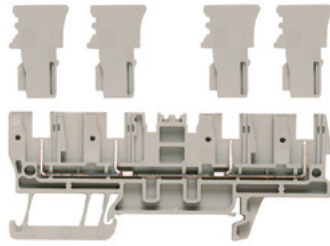
## Pluggable standard terminals WeiCoS

### Feed-through terminals

ZTC 2.5/4AN/4

2.5 mm<sup>2</sup>

4 pluggable connections



5.1 x 85.5 x 35

/ 2.5

0.5...2.5



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

| IEC              | UL       | CSA                |
|------------------|----------|--------------------|
| 250              |          |                    |
| 24               |          |                    |
| 2.5              |          |                    |
|                  | 4 kV / 2 |                    |
|                  | / V-0    |                    |
| Rated connection |          | Plug-in connection |
| 0.5...2.5        |          | /                  |
| Note             |          |                    |

### Ordering data

| Base terminal     | Dark beige Wemid                                                                                  |
|-------------------|---------------------------------------------------------------------------------------------------|
| Plug-in connector | 1-pole<br>2-pole<br>3-pole<br>4-pole<br>5-pole<br>6-pole<br>7-pole<br>8-pole<br>9-pole<br>10-pole |
| Note              |                                                                                                   |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZTC 2.5/4AN/4  | 50   | 1898450000 |
| Type           | Qty. | Order No.  |
| STGH ZPC2.5 DB | 50   | 2321640000 |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
| Note           |      |            |

### Accessories

| Pluggable cross-connection       | 2-pole<br>3-pole<br>4-pole<br>10-pole<br>20-/24-pole |
|----------------------------------|------------------------------------------------------|
| End plate / Partition plate      | Dark beige Wemid<br>Orange Wemid                     |
| Test adapter                     | Standard<br>With assembly peg                        |
| Miscellaneous accessories WeiCoS | Locking element<br>Coding element<br>Strain relief   |
| Screwdriver                      | Standard                                             |
| Identification systems           | (see assortment in catalogue 7)<br>Marking tags      |
| Note                             |                                                      |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| ZQV 2.5N/2 GE      | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE      | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE      | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE     | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE     | 24 A    | 20   | 1909000000 |
| Width              |         |      |            |
| ZAP/TW ZT2.5/4AN/4 | 2.5 mm  | 50   | 1816090000 |
| Note               |         |      |            |
|                    |         |      |            |
|                    |         |      |            |
|                    |         |      |            |
|                    |         |      |            |
|                    |         |      |            |
|                    |         |      |            |
| Note               |         |      |            |

## Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Base terminal     |                  |
|-------------------|------------------|
|                   | Dark beige Wemid |
| Plug-in connector |                  |
|                   | 1-pole           |
|                   | 2-pole           |
|                   | 3-pole           |
|                   | 4-pole           |
|                   | 5-pole           |
|                   | 6-pole           |
|                   | 7-pole           |
|                   | 8-pole           |
|                   | 9-pole           |
|                   | 10-pole          |
| Note              |                  |

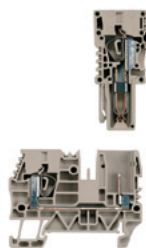
## Accessories

| Pluggable cross-connection       |                                 |
|----------------------------------|---------------------------------|
|                                  | 2-pole                          |
|                                  | 3-pole                          |
|                                  | 4-pole                          |
|                                  | 10-pole                         |
|                                  | 20-/24-pole                     |
| End plate / Partition plate      |                                 |
|                                  | Dark beige Wemid                |
|                                  | Orange Wemid                    |
| Test adapter                     |                                 |
|                                  | Standard                        |
|                                  | With assembly peg               |
| Miscellaneous accessories WeiCoS |                                 |
|                                  | Locking element                 |
|                                  | Coding element                  |
|                                  | Strain relief                   |
| Screwdriver                      |                                 |
|                                  | Standard                        |
| Identification systems           |                                 |
|                                  | (see assortment in catalogue 7) |
|                                  | Marking tags                    |
| Note                             |                                 |

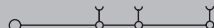
## ZT 4/2AN/1

4 mm<sup>2</sup>

1 tension clamp connection / 1 pluggable connection



6.5 x 58 x 43.5  
**32 / 6**  
**0.13...6**



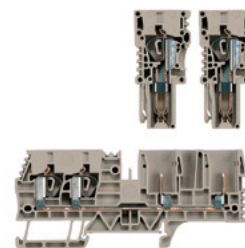
IEC 60947-7-1, IEC 61984

| IEC                                    | UL          | CSA                |
|----------------------------------------|-------------|--------------------|
| 800                                    | 600 (C)     | 600 (C)            |
| 800                                    |             |                    |
| 32                                     | 28 (C)      | 28 (C)             |
| 4                                      | AWG 26...10 | AWG 26...10        |
|                                        | 8 kV / 3    |                    |
|                                        | A3 / V-0    |                    |
| Rated connection                       |             | Plug-in connection |
| 0.5...6                                |             |                    |
| 0.5...6 / 0.5...4                      |             | 0.5/ 0.5...        |
| 12 / 0.6 x 3.5 mm                      |             |                    |
| CSA current and voltage, acc. to Gr. C |             |                    |

## ZT 4/4AN/2

4 mm<sup>2</sup>

2 tension clamp connections / 2 pluggable connections



6.5 x 100.5 x 43.5  
**32 / 6**  
**0.13...6**



IEC 60947-7-1, IEC 61984

| IEC                                    | UL          | CSA                |
|----------------------------------------|-------------|--------------------|
| 800                                    | 600 (C)     | 600 (C)            |
| 800                                    |             |                    |
| 32                                     | 28 (C)      | 28 (C)             |
| 4                                      | AWG 26...10 | AWG 26...10        |
|                                        | 8 kV / 3    |                    |
|                                        | A3 / V-0    |                    |
| Rated connection                       |             | Plug-in connection |
| 0.5...6                                |             |                    |
| 0.5...6 / 0.5...4                      |             | 0.5/ 0.5...        |
| 12 / 0.6 x 3.5 mm                      |             |                    |
| CSA current and voltage, acc. to Gr. C |             |                    |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZT 4/2AN/1  | 50   | 1854960000 |
| Type        | Qty. | Order No.  |
| ZP 4/1AN/1  | 50   | 1848340000 |
| ZP 4/1AN/2  | 25   | 1854990000 |
| ZP 4/1AN/3  | 25   | 1855000000 |
| ZP 4/1AN/4  | 25   | 1855010000 |
| ZP 4/1AN/5  | 20   | 1855020000 |
| ZP 4/1AN/6  | 20   | 1855030000 |
| ZP 4/1AN/7  | 20   | 1855040000 |
| ZP 4/1AN/8  | 20   | 1855050000 |
| ZP 4/1AN/9  | 10   | 1855060000 |
| ZP 4/1AN/10 | 10   | 1855070000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZT 4/4AN/2  | 50   | 1848350000 |
| Type        | Qty. | Order No.  |
| ZP 4/1AN/1  | 50   | 1848340000 |
| ZP 4/1AN/2  | 25   | 1854990000 |
| ZP 4/1AN/3  | 25   | 1855000000 |
| ZP 4/1AN/4  | 25   | 1855010000 |
| ZP 4/1AN/5  | 20   | 1855020000 |
| ZP 4/1AN/6  | 20   | 1855030000 |
| ZP 4/1AN/7  | 20   | 1855040000 |
| ZP 4/1AN/8  | 20   | 1855050000 |
| ZP 4/1AN/9  | 10   | 1855060000 |
| ZP 4/1AN/10 | 10   | 1855070000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| Width               |         |      |            |
| ZAP/TW ZT4/2AN      | 3.25 mm | 50   | 1855220000 |
| ZAP/TW ZT4/2AN OR   | 3.25 mm | 50   | 1855230000 |
| Width               |         |      |            |
| ZVR ZP4             | 5.5 mm  | 25   | 1855250000 |
| KOSF ZT4            | 5.4 mm  | 50   | 1856860000 |
| ZZE ZP4             | 12.5 mm | 25   | 1855260000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 4/2 GE          | 32 A    | 60   | 1608950000 |
| Width               |         |      |            |
| ZAP/TW ZT4/4AN/2 OR | 3.25 mm | 50   | 1855240000 |
| Width               |         |      |            |
| ZVR ZP4             | 5.5 mm  | 25   | 1855250000 |
| KOSF ZT4            | 5.4 mm  | 50   | 1856860000 |
| ZZE ZP4             | 12.5 mm | 25   | 1855260000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## Pluggable standard terminals WeiCoS

### Modular PE terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Base terminal     |                    |
|-------------------|--------------------|
|                   | green/yellow Wemid |
| Plug-in connector |                    |
|                   | 1-pole             |
| Note              |                    |

### Accessories

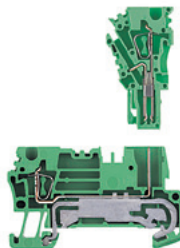
| End plate / Partition plate      |                   |
|----------------------------------|-------------------|
|                                  | Dark beige Wemid  |
|                                  | Orange Wemid      |
| Test adapter                     |                   |
|                                  | Standard          |
|                                  | With assembly peg |
| Miscellaneous accessories WeiCoS |                   |
|                                  | Locking element   |
|                                  | Coding element    |
|                                  | Strain relief     |
| Screwdriver                      |                   |
|                                  | Standard          |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

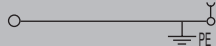
### ZTPE 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension clamp connection / 1 pluggable connection



5.1 x 58 x 35  
/ 4  
0.13...4



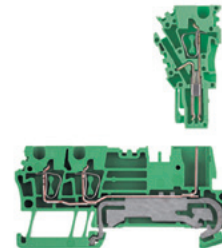
IEC 60947-7-2

| IEC                                                                                                                                                                                                                                                                                                                                     | UL          | CSA                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 2.5                                                                                                                                                                                                                                                                                                                                     | AWG 26...12 | 26...12            |
| 690                                                                                                                                                                                                                                                                                                                                     |             |                    |
| 500                                                                                                                                                                                                                                                                                                                                     |             |                    |
| 6                                                                                                                                                                                                                                                                                                                                       |             |                    |
| 300 A (2.5 mm²)                                                                                                                                                                                                                                                                                                                         |             |                    |
| 3                                                                                                                                                                                                                                                                                                                                       |             |                    |
| A2 / V-0                                                                                                                                                                                                                                                                                                                                |             |                    |
|     |             |                    |
| Rated connection                                                                                                                                                                                                                                                                                                                        |             | Plug-in connection |
| 0.5...4                                                                                                                                                                                                                                                                                                                                 |             |                    |
| 0.5...4 / 0.5...2.5                                                                                                                                                                                                                                                                                                                     |             | 0.5/ 0.5...2.5     |
| 10 / 0.6 x 3.5 mm                                                                                                                                                                                                                                                                                                                       |             |                    |
| 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A                                                                                                                                                                                                            |             |                    |

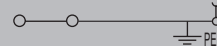
### ZTPE 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension clamp connections / 1 pluggable connection



5.1 x 71.5 x 35  
/ 4  
0.13...4



IEC 60947-7-2

| IEC                                                                                                                                                                                                                                                                                                                                             | UL          | CSA                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 2.5                                                                                                                                                                                                                                                                                                                                             | AWG 26...12 | 26...12            |
| 690                                                                                                                                                                                                                                                                                                                                             |             |                    |
| 500                                                                                                                                                                                                                                                                                                                                             |             |                    |
| 6                                                                                                                                                                                                                                                                                                                                               |             |                    |
| 300 A (2.5 mm²)                                                                                                                                                                                                                                                                                                                                 |             |                    |
| 3                                                                                                                                                                                                                                                                                                                                               |             |                    |
| A2 / V-0                                                                                                                                                                                                                                                                                                                                        |             |                    |
|     |             |                    |
| Rated connection                                                                                                                                                                                                                                                                                                                                |             | Plug-in connection |
| 0.5...4                                                                                                                                                                                                                                                                                                                                         |             |                    |
| 0.5...4 / 0.5...2.5                                                                                                                                                                                                                                                                                                                             |             | 0.5/ 0.5...2.5     |
| 10 / 0.6 x 3.5 mm                                                                                                                                                                                                                                                                                                                               |             |                    |
| 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A                                                                                                                                                                                                                    |             |                    |

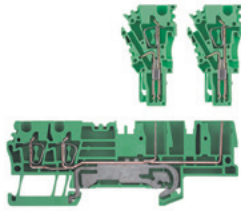
| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/3AN/1     | 50   | 1815100000 |
| Type               | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW ZT2.5/3AN    | 2.5 mm | 50   | 1816050000 |
| ZAP/TW ZT2.5/3AN OR | 2.5 mm | 50   | 1816060000 |
| ZTA ZT2.5           | 5.1 mm | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm | 25   | 1847600000 |
| ZVR ZP2.5           | 3.9 mm | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |

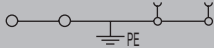
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

**ZTPE 2.5/4AN/2****2.5 mm<sup>2</sup>**

2 tension clamp connections / 2 pluggable connections



5.1 x 93 x 35  
/ 4  
0.13...4



IEC 60947-7-2

| IEC | UL                           | CSA     |
|-----|------------------------------|---------|
| 2.5 | AWG 26...12                  | 26...12 |
| 690 |                              |         |
| 500 |                              |         |
|     | 6                            |         |
|     | 300 A (2.5 mm <sup>2</sup> ) |         |
|     | 3                            |         |
|     | A2 / V-0                     |         |



| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4             |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5     |
| 10 / 0.6 x 3.5 mm   |                    |

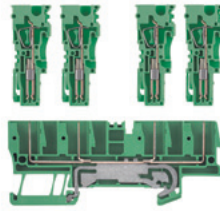
2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/4AN/2     | 50   | 1815120000 |
| Type               | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |

| Type                  | Width  | Qty. | Order No.  |
|-----------------------|--------|------|------------|
| ZAP/TW ZT2.5/4AN/2    | 2.5 mm | 50   | 1816070000 |
| ZAP/TW ZT2.5/4AN/2 OR | 2.5 mm | 50   | 1816080000 |
| ZTA ZT2.5             | 5.1 mm | 25   | 1827080000 |
| ZTA ZT2.5/ZA          | 5.1 mm | 25   | 1847600000 |
| ZVR ZP2.5             | 3.9 mm | 25   | 1816130000 |
| KOSF ZT2.5            | 2.9 mm | 50   | 1816150000 |
| ZZE ZP2.5             | 9.9 mm | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100   |        | 1    | 1274660000 |

**ZTPE 2.5/4AN/4****2.5 mm<sup>2</sup>**

4 pluggable connections



5.1 x 85.5 x 35  
/ 4  
0.13...4



IEC 60947-7-2

| IEC | UL                           | CSA     |
|-----|------------------------------|---------|
| 2.5 | AWG 26...12                  | 26...12 |
| 690 |                              |         |
| 500 |                              |         |
|     | 6                            |         |
|     | 300 A (2.5 mm <sup>2</sup> ) |         |
|     | 3                            |         |
|     | A2 / V-0                     |         |



| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4             |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5     |
| 10 / 0.6 x 3.5 mm   |                    |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

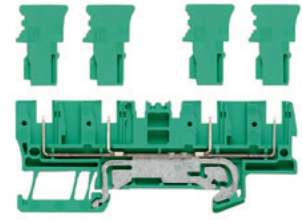
| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/4AN/4     | 50   | 1815140000 |
| Type               | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW ZT2.5/4AN/4  | 2.5 mm | 50   | 1816090000 |
| ZTA ZT2.5           | 5.1 mm | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm | 25   | 1847600000 |
| ZVR ZP2.5           | 3.9 mm | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |

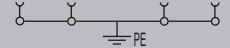
DEK 5/5 / WS 10/5

**ZTCPE 2.5/4AN/4****2.5 mm<sup>2</sup>**

4 pluggable connections



5.1 x 85.5 x 35  
/ 2.5  
0.5...2.5



| IEC | UL                           | CSA |
|-----|------------------------------|-----|
| 2.5 |                              |     |
| 250 |                              |     |
|     | 4                            |     |
|     | 300 A (2.5 mm <sup>2</sup> ) |     |
|     | 2                            |     |
|     | / V-0                        |     |

| Rated connection | Plug-in connection |
|------------------|--------------------|
| 0.5...2.5        |                    |
| /                |                    |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZTCPE 2.5/4AN/4 | 50   | 1898480000 |
| Type            | Qty. | Order No.  |
| STGH ZPC2.5 DB  | 50   | 2321640000 |

| Type               | Width  | Qty. | Order No.  |
|--------------------|--------|------|------------|
| ZAP/TW ZT2.5/4AN/4 | 2.5 mm | 50   | 1816090000 |

DEK 5/5 / WS 10/5

DEK 5/5 / WS 10/5

## Pluggable standard terminals WeiCoS

## Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Base terminal     |                    |
|-------------------|--------------------|
|                   | green/yellow Wemid |
| Plug-in connector |                    |
|                   | 1-pole             |
| Note              |                    |

## Accessories

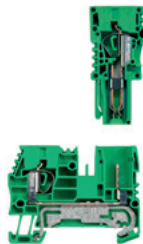
| End plate / Partition plate      |                   |
|----------------------------------|-------------------|
|                                  | Dark beige Wemid  |
|                                  | Orange Wemid      |
| Test adapter                     |                   |
|                                  | Standard          |
|                                  | With assembly peg |
| Miscellaneous accessories WeiCoS |                   |
|                                  | Locking element   |
|                                  | Coding element    |
|                                  | Strain relief     |
| Screwdriver                      |                   |
|                                  | Standard          |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

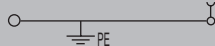
## ZTPE 4/2AN/1

4 mm<sup>2</sup>

1 tension clamp connection / 1 pluggable connection



6.5 x 58 x 43.5  
/ 6  
0.13...6



| IEC                | UL                         | CSA         |
|--------------------|----------------------------|-------------|
| 4                  | AWG 26...10                | AWG 26...10 |
| 800                |                            |             |
| 800                |                            |             |
|                    | 8                          |             |
|                    | 480 A (4 mm <sup>2</sup> ) |             |
|                    | 3                          |             |
|                    | A3 / V-0                   |             |
| Approvals          |                            |             |
| Rated connection   |                            |             |
| 0.5...6            |                            |             |
| 0.5...6 / 0.5...4  |                            |             |
| 12 / 0.6 x 3.5 mm  |                            |             |
| Plug-in connection |                            |             |
| / 0.5...4          |                            |             |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 4/2AN/1       | 50   | 1854970000 |
| Type               | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW ZT4/2AN      | 3.25 mm | 50   | 1855220000 |
| ZAP/TW ZT4/2AN OR   | 3.25 mm | 50   | 1855230000 |
| ZVR ZP4             |         |      |            |
|                     | 5.5 mm  | 25   | 1855250000 |
| KOSF ZT4            |         |      |            |
|                     | 5.4 mm  | 50   | 1856860000 |
| ZZE ZP4             |         |      |            |
|                     | 12.5 mm | 25   | 1855260000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |

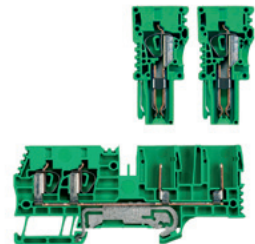
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/6 / WS 10/6

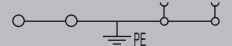
## ZTPE 4/4AN/2

4 mm<sup>2</sup>

2 tension clamp connections / 2 pluggable connections



6.5 x 100.5 x 43.5  
/ 6  
0.13...6



| IEC                | UL                         | CSA         |
|--------------------|----------------------------|-------------|
| 4                  | AWG 26...10                | AWG 26...10 |
| 800                |                            |             |
| 800                |                            |             |
|                    | 8                          |             |
|                    | 480 A (4 mm <sup>2</sup> ) |             |
|                    | 3                          |             |
|                    | A3 / V-0                   |             |
| Approvals          |                            |             |
| Rated connection   |                            |             |
| 0.5...6            |                            |             |
| 0.5...6 / 0.5...4  |                            |             |
| 12 / 0.6 x 3.5 mm  |                            |             |
| Plug-in connection |                            |             |
| / 0.5...4          |                            |             |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 4/4AN/2       | 50   | 1848330000 |
| Type               | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |

| Type                | Width   | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW ZT4/4AN/2 OR | 3.25 mm | 50   | 1855240000 |
| ZVR ZP4             |         |      |            |
|                     | 5.5 mm  | 25   | 1855250000 |
| KOSF ZT4            |         |      |            |
|                     | 5.4 mm  | 50   | 1856860000 |
| ZZE ZP4             |         |      |            |
|                     | 12.5 mm | 25   | 1855260000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/6 / WS 10/6





## Pluggable standard terminals WeiCoS

### Two-tier modular terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Base terminal     |                  |
|-------------------|------------------|
|                   | Dark beige Wemid |
| Plug-in connector |                  |
|                   | 1-pole           |
|                   | 2-pole           |
|                   | 3-pole           |
|                   | 4-pole           |
|                   | 5-pole           |
|                   | 6-pole           |
|                   | 7-pole           |
|                   | 8-pole           |
|                   | 9-pole           |
|                   | 10-pole          |
| Note              |                  |

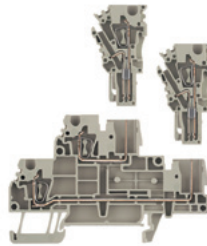
### Accessories

| Pluggable cross-connection       |                                 |
|----------------------------------|---------------------------------|
|                                  | 2-pole                          |
|                                  | 3-pole                          |
|                                  | 4-pole                          |
|                                  | 10-pole                         |
|                                  | 20-/24-pole                     |
| End plate / Partition plate      |                                 |
|                                  | Dark beige Wemid                |
| Test adapter                     |                                 |
|                                  | Standard                        |
|                                  | With assembly peg               |
| Miscellaneous accessories WeiCoS |                                 |
|                                  | Locking element                 |
|                                  | Coding element                  |
|                                  | Strain relief                   |
| Screwdriver                      |                                 |
|                                  | Standard                        |
| Identification systems           |                                 |
|                                  | (see assortment in catalogue 7) |
|                                  | Marking tags                    |
| Note                             |                                 |

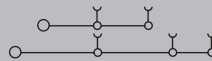
### ZDT 2.5/2

2.5 mm<sup>2</sup>

Two potentials feasible



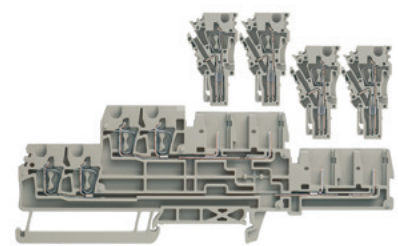
5.1 x 80.5 x 52.5  
24 / 4  
0.13...4



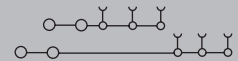
IEC 60947-7-1, IEC 61984

| IEC                                                                                                             | UL          | CSA                |
|-----------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 500                                                                                                             | 300 (C)     | 300 (C)            |
| 690                                                                                                             |             |                    |
| 24                                                                                                              | 20 (C)      | 20 (C)             |
| 2.5                                                                                                             | AWG 26...12 | 26...12            |
|                                                                                                                 | 6 kV / 3    |                    |
|                                                                                                                 | A2 / V-0    |                    |
| Rated connection                                                                                                |             | Plug-in connection |
| 0.5...4                                                                                                         |             |                    |
| 0.5...4 / 0.5...2.5                                                                                             |             | 0.5/ 0.5...2.5     |
| 10 / 0.6 x 3.5 mm                                                                                               |             |                    |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |                    |

### ZDT 2.5/8AN/4

2.5 mm<sup>2</sup>

5.2 x 145 x 52.5  
/ 4  
0.5...4



| IEC                 | UL       | CSA                |
|---------------------|----------|--------------------|
| 500                 |          |                    |
| 24                  |          |                    |
| 2.5                 |          |                    |
|                     | 6 kV / 3 |                    |
|                     | A2 / V-0 |                    |
| Rated connection    |          | Plug-in connection |
| 0.5...4 / 0.5...4   |          |                    |
| 0.5...4 / 0.5...2.5 |          |                    |
| 10 / 0.6 x 3.5 mm   |          |                    |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZDT 2.5/8AN/4    | 50   | 1259120000 |
| Type             | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1  | 50   | 1815190000 |
| ZP 2.5/1AN/QV/2  | 25   | 1815200000 |
| ZP 2.5/1AN/QV/3  | 25   | 1815210000 |
| ZP 2.5/1AN/QV/4  | 25   | 1815220000 |
| ZP 2.5/1AN/QV/5  | 25   | 1815230000 |
| ZP 2.5/1AN/QV/6  | 25   | 1815240000 |
| ZP 2.5/1AN/QV/7  | 25   | 1815250000 |
| ZP 2.5/1AN/QV/8  | 20   | 1815260000 |
| ZP 2.5/1AN/QV/9  | 20   | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20   | 1815280000 |

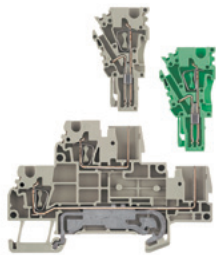
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE      | 24 A    | 20   | 1909000000 |
| Width               |         |      |            |
| ZAP/TW ZDT2.5/2     | 2.5 mm  | 50   | 1816110000 |
|                     |         |      |            |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
|                     |         |      |            |
| ZVR ZP2.5           | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm  | 25   | 1816140000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

| Identification systems |         |
|------------------------|---------|
|                        | DEK 5/5 |
| Note                   |         |

ZDT 2.5/2 DU-PE

2.5 mm<sup>2</sup>

Phase - PE conductor



5.1 x 80.5 x 52.5

24 / 4

0.13...4

| IEC 60947-7-1 (-7-2), IEC 61984                                                                                 |             |                    |
|-----------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| IEC                                                                                                             | UL          | CSA                |
| 500                                                                                                             | 300 (C)     | 300 (C)            |
| 690                                                                                                             |             |                    |
| 24                                                                                                              | 20 (C)      | 20 (C)             |
| 2.5                                                                                                             | AWG 26...12 | 26...12            |
| 6 kV / 3                                                                                                        |             |                    |
| A2 / V-0                                                                                                        |             |                    |
|                                                                                                                 |             |                    |
| Rated connection                                                                                                |             | Plug-in connection |
| 0.5...4                                                                                                         |             |                    |
| 0.5...4 / 0.5...2.5                                                                                             |             | 0.5/ 0.5...2.5     |
| 10 / 0.6 x 3.5 mm                                                                                               |             |                    |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |                    |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZDT 2.5/2 DU-PE  | 50   | 1815160000 |
| Type             | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1  | 50   | 1815190000 |
| ZP 2.5/1AN/QV/2  | 25   | 1815200000 |
| ZP 2.5/1AN/QV/3  | 25   | 1815210000 |
| ZP 2.5/1AN/QV/4  | 25   | 1815220000 |
| ZP 2.5/1AN/QV/5  | 25   | 1815230000 |
| ZP 2.5/1AN/QV/6  | 25   | 1815240000 |
| ZP 2.5/1AN/QV/7  | 25   | 1815250000 |
| ZP 2.5/1AN/QV/8  | 20   | 1815260000 |
| ZP 2.5/1AN/QV/9  | 20   | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20   | 1815280000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE      | 24 A    | 20   | 1909000000 |
| Width               |         |      |            |
| ZAP/TW ZDT2.5/2     | 2.5 mm  | 50   | 1816110000 |
| ZTA ZT2.5           | 5.1 mm  | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm  | 25   | 1847600000 |
| ZVR ZP2.5           | 3.9 mm  | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm  | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm  | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

DEK 5/5

## Pluggable standard terminals WeiCoS

### Two-tier modular terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Max. voltage of clamp support & pluggable system     | V               |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |

#### Note

### Ordering data

| Version           |                    |
|-------------------|--------------------|
|                   | green/yellow Wemid |
| Plug-in connector |                    |
|                   | 1-pole             |
| Note              |                    |

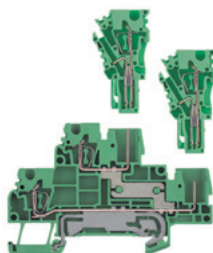
### Accessories

| End plate / Partition plate      |                   |
|----------------------------------|-------------------|
|                                  | Dark beige Wemid  |
| Test adapter                     |                   |
|                                  | Standard          |
|                                  | With assembly peg |
| Miscellaneous accessories WeiCoS |                   |
|                                  | Locking element   |
|                                  | Coding element    |
|                                  | Strain relief     |
| Screwdriver                      |                   |
|                                  | Standard          |

### ZDT 2.5/2 PE

**2.5 mm<sup>2</sup>**

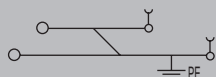
2 tension clamp connections / 2 pluggable connections



5.1 x 80.5 x 52.5

/ 4

0.13...4



IEC 60947-7-2

| IEC | UL                           | CSA     |
|-----|------------------------------|---------|
| 2.5 | AWG 26...12                  | 26...12 |
| 690 |                              |         |
| 500 |                              |         |
|     | 6                            |         |
|     | 300 A (2.5 mm <sup>2</sup> ) |         |
|     | 3                            |         |
|     | A2 / V-0                     |         |



| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4             |                    |
| 0.5...4 / 0.5...2.5 | 0.52.5             |
| 10 / 0.6 x 3.5 mm   |                    |

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZDT 2.5/2 PE       | 50   | 1815170000 |
| Type               | Qty. | Order No.  |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |

| Type                | Width  | Qty. | Order No.  |
|---------------------|--------|------|------------|
| ZAP/TW ZDT2.5/2     | 2.5 mm | 50   | 1816110000 |
| ZTA ZT2.5           | 5.1 mm | 25   | 1827080000 |
| ZTA ZT2.5/ZA        | 5.1 mm | 25   | 1847600000 |
| ZVR ZP2.5           | 3.9 mm | 25   | 1816130000 |
| KOSF ZT2.5          | 2.9 mm | 50   | 1816150000 |
| ZZE ZP2.5           | 9.9 mm | 25   | 1816140000 |
| SDIS SL 0.6X3.5X100 |        | 1    | 1274660000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 10/5

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Without isolator, Dark beige Wemid |
| Note    |                                    |

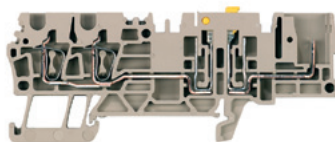
## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Testing / Checking                 |                                             |
|                                    | Test plug                                   |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

## ZTTR 2.5

2.5 mm<sup>2</sup>

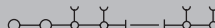
2 tension clamp connections / 1 pluggable connection



5.1 x 87 x 36.5

18 / 4

0.13...4



IEC 60947-7-1, IEC 61984

| IEC                                    | UL          | CSA         |
|----------------------------------------|-------------|-------------|
| 400                                    | 600 (C)     | 300 (B)     |
| 16                                     | 16 (C)      | 16 (B)      |
| 2.5                                    | AWG 26...12 | AWG 26...12 |
| 6 kV / 3                               |             |             |
| A2 / V-0                               |             |             |
| Rated connection                       |             |             |
| 0.5...4                                |             |             |
| 0.5...4 / 0.5...2.5                    |             |             |
| 10 / 0.6 x 3.5 mm                      |             |             |
| Note                                   |             |             |
| CSA current and voltage, acc. to Gr. B |             |             |

| Type                                                                       | Qty. | Order No.  |
|----------------------------------------------------------------------------|------|------------|
| ZTTR 2.5                                                                   | 50   | 1865510000 |
| ZTTR 2.5 0.TNHE                                                            | 50   | 1905470000 |
| Please contact customer support when planning your installation with SIHA. |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| Width                  |         |      |            |
| ZAP/TW ZTTR2.5         | 2.5 mm  | 50   | 1865520000 |
| ZEW 35                 | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100    |         | 1    | 1274660000 |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| DEK 5/5                                                                                                         |  |
|-----------------------------------------------------------------------------------------------------------------|--|
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |  |

## C

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

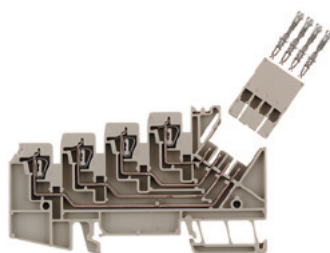
|                                                      |                 |
|------------------------------------------------------|-----------------|
| <b>Rated data</b>                                    |                 |
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| <b>Clamped conductors (H05V/H07V)</b>                |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| <b>Note</b>                                          |                 |

|         |               |
|---------|---------------|
| Version | Base terminal |
| Note    |               |

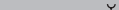
|                                                                                     |                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Pluggable cross-connection</b>                                                   | 2-pole<br>3-pole<br>4-pole<br>10-pole<br>20-/24-pole        |
|  |                                                             |
| <b>STGH plug housing</b>                                                            | With assembly peg<br>Without peg                            |
| <b>Crimp contacts</b>                                                               | Reel packaged<br>Single contacts                            |
| <b>Test adapter</b>                                                                 | Strain relief<br>Plug housing black<br>Black plug enclosure |
| <b>End plate / Partition plate</b>                                                  | beige Wemid                                                 |
| <b>Tools</b>                                                                        | Crimping tool<br>Mounting tool                              |

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Identification systems</b> | (see assortment in catalogue 7) |
|                               | Marking tags                    |
| <b>Note</b>                   |                                 |

**Base terminal - plug**



5.1 x 89.5 x 52.5  
/ 2.5  
0.13...2.5



IEC 60947-7-1, IEC 61984

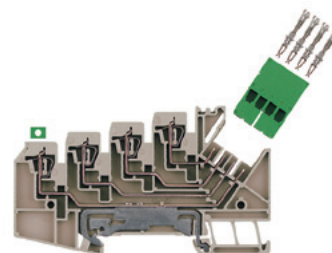
| IEC                                                                               | UL               | CSA |
|-----------------------------------------------------------------------------------|------------------|-----|
| 63                                                                                | 150 (C)          |     |
| 4                                                                                 | 10 (C)           |     |
| 1.5                                                                               | AWG 26...14      |     |
|                                                                                   | 1.5 kV / 3       |     |
|                                                                                   | A1 / V-0         |     |
|  |                  |     |
| Rated connection                                                                  | Crimp connection |     |
| 0.5...2.5                                                                         |                  |     |
| 0.5...2.5 / 0.5...1.5                                                             | 0.5...2.5        |     |
| 8 / 0.6 x 3.5 mm                                                                  |                  |     |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| ZRV 1.5 | 50   | 1698160000 |
|         |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| STGH 4 ZRV1.5        | 5 mm    | 50   | 1698190000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| DFFC 0.2-0.35 ZRV1.5 |         | 500  | 1705310000 |
| DFFC .5-1.0 ZRV1.5   |         | 500  | 1705320000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| HTF ZRV              |         | 1    | 9014840000 |

DEK 5/5

**Base terminal - plug**



5.1 x 89.5 x 52.5  
/ 2.5  
0.13...2.5

IEC 60947-7-1 (-7-2), IEC 61984

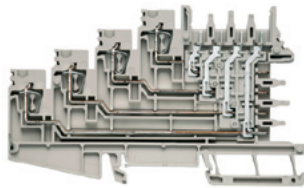
| IEC                                                                                 | UL          | CSA              |
|-------------------------------------------------------------------------------------|-------------|------------------|
| 63                                                                                  | 150 (C)     |                  |
| 4                                                                                   | 10 (C)      |                  |
| 1.5                                                                                 | AWG 26...14 |                  |
|                                                                                     | 1.5 kV / 3  |                  |
|                                                                                     | A1 / V-0    |                  |
|  |             |                  |
| Rated connection                                                                    |             | Crimp connection |
| 0.5...2.5                                                                           |             |                  |
| 0.5...2.5 / 0.5...1.5                                                               |             | 0.5...2.5        |
| 8 / 0.6 x 3.5 mm                                                                    |             |                  |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZRV 1.5/PE | 50   | 1698170000 |
|            |      |            |

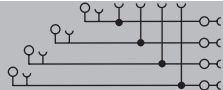
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| STGH 4 ZRV1.5/PE GN  | 5 mm    | 50   | 1698200000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| DFFC 0.2-0.35 ZRV1.5 |         | 500  | 1705310000 |
| DFFC 5-1.0 ZRV1.5    |         | 500  | 1705320000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| HTF ZRV              |         | 1    | 9014840000 |

DEK 5/5

## ZRV 2.5/2

2.5 mm<sup>2</sup>

5.2 x 115 x 70  
10 / 4  
0.21...4



IEC 60947-7-1, IEC 61984

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (C)     | 300 (D)     |
| 10       | 10 (C)      | 10 (D)      |
| 2.5      | AWG 24...14 | AWG 26...14 |
| 4 kV / 3 |             |             |
| A2 / V-0 |             |             |



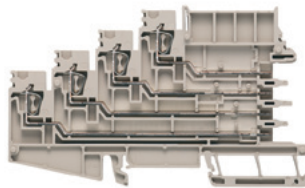
| Rated connection      | Crimp connection |
|-----------------------|------------------|
| 0.5...4 / 0.5...4     |                  |
| 0.5...2.5 / 0.5...2.5 | 0.5...2.5        |
| 10 / 0.6 x 3.5 mm     |                  |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZRV 2.5/2 | 50   | 1906970000 |

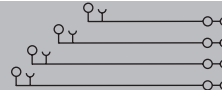
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| ZQV 2.5/2               | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3               | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4               | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10              | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20              | 24 A    | 20   | 1908960000 |
| Width                   |         |      |            |
| STGH ZRV2.5             | 5.15 mm | 50   | 1907000000 |
| STGH 0.ZA ZRV2.5        | 5.15 mm | 50   | 1907010000 |
|                         |         |      |            |
| FEKO ZRV2.5 0.2-0.35    | 4.15 mm | 5000 | 1854750000 |
| FEKO ZRV2.5 0.5-1       | 4.15 mm | 5000 | 1854760000 |
| FEKO ZRV2.5 1.5-2.5     | 4.15 mm | 4000 | 1848480000 |
| FEKO ET ZRV2.5 0.2-0.35 | 4.15 mm | 500  | 1893940000 |
| FEKO ET ZRV2.5 0.5-1    | 4.15 mm | 500  | 1893970000 |
| FEKO ET ZRV2.5 1.5-2.5  | 4.15 mm | 500  | 1893990000 |
|                         |         |      |            |
| ZE ZRV2.5               | 5 mm    | 25   | 2318670000 |
| STGH 0.R/SW ZRV2.5      | 5.15 mm | 25   | 1898420000 |
| STGH 0.ZA/0.R/SW ZRV2.5 | 5.15 mm | 25   | 1898430000 |
|                         |         |      |            |
| AP ZRV2.5               | 5.1 mm  | 10   | 1906980000 |
|                         |         |      |            |
| HTF AFK 2.5             |         | 1    | 9201040000 |
| Removal Tool AFK        |         | 1    | 1866760000 |

DEK 5/5 / WS 12/5

## ZRV 2.5/1

2.5 mm<sup>2</sup>

5.2 x 115 x 70  
/ 4  
0.5...4



| IEC      | UL          | CSA |
|----------|-------------|-----|
| 250      | 300 (C)     |     |
| 10       | 10 (C)      |     |
| 2.5      | AWG 24...14 |     |
| 4 kV / 3 |             |     |
| / V-0    |             |     |



| Rated connection  | Crimp connection |
|-------------------|------------------|
| 0.5...4           |                  |
| 0.5...2.5         | 0.5...2.5        |
| 10 / 0.6 x 3.5 mm |                  |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZRV 2.5/1 | 50   | 1906960000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| ZQV 2.5/2               | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3               | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4               | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10              | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20              | 24 A    | 20   | 1908960000 |
| Width                   |         |      |            |
| STGH ZRV2.5             | 5.15 mm | 50   | 1907000000 |
| STGH 0.ZA ZRV2.5        | 5.15 mm | 50   | 1907010000 |
|                         |         |      |            |
| FEKO ZRV2.5 0.2-0.35    | 4.15 mm | 5000 | 1854750000 |
| FEKO ZRV2.5 0.5-1       | 4.15 mm | 5000 | 1854760000 |
| FEKO ZRV2.5 1.5-2.5     | 4.15 mm | 4000 | 1848480000 |
| FEKO ET ZRV2.5 0.2-0.35 | 4.15 mm | 500  | 1893940000 |
| FEKO ET ZRV2.5 0.5-1    | 4.15 mm | 500  | 1893970000 |
| FEKO ET ZRV2.5 1.5-2.5  | 4.15 mm | 500  | 1893990000 |
|                         |         |      |            |
| ZE ZRV2.5               | 5 mm    | 25   | 2318670000 |
| STGH 0.R/SW ZRV2.5      | 5.15 mm | 25   | 1898420000 |
| STGH 0.ZA/0.R/SW ZRV2.5 | 5.15 mm | 25   | 1898430000 |
|                         |         |      |            |
| AP ZRV2.5               | 5.1 mm  | 10   | 1906980000 |
|                         |         |      |            |
| HTF AFK 2.5             |         | 1    | 9201040000 |
| Removal Tool AFK        |         | 1    | 1866760000 |

DEK 5/5 / WS 12/5

## Pluggable standard terminals WeiCoS

## Plug-in connector

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version              |  |
|----------------------|--|
| 1-pole               |  |
| 2-pole               |  |
| 3-pole               |  |
| 4-pole               |  |
| 5-pole               |  |
| 6-pole               |  |
| 7-pole               |  |
| 8-pole               |  |
| 9-pole               |  |
| 10-pole              |  |
| 11-pole              |  |
| 12-pole              |  |
| 13-pole              |  |
| 14-pole              |  |
| 15-pole              |  |
| 16-pole              |  |
| 17-pole              |  |
| 24-pole              |  |
| 1-pole (green Wemid) |  |
| Note                 |  |

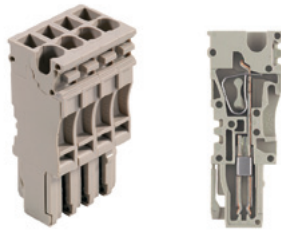
## Accessories

| Pluggable cross-connection |                                 |
|----------------------------|---------------------------------|
|                            | 2-pole                          |
|                            | 3-pole                          |
|                            | 10-pole                         |
| Test adapter               |                                 |
|                            | Standard                        |
| Screwdriver                |                                 |
|                            | Standard                        |
| Group designation          |                                 |
|                            | Group designation               |
|                            | Protective strips transparent   |
|                            | Push-in tag blank               |
| Identification systems     |                                 |
|                            | (see assortment in catalogue 7) |
|                            | Marking tags                    |
| Note                       |                                 |

## ZP 2.5/1AN

2.5 mm<sup>2</sup>

1...17-pole



5.1 x 16 x 41  
24 / 4  
0.13...4

IEC 60947-7-1, IEC 61984

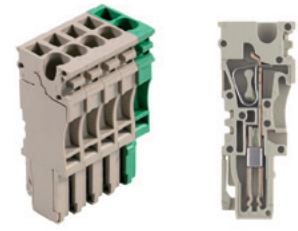
| IEC                                                                                                             | UL          | CSA     |
|-----------------------------------------------------------------------------------------------------------------|-------------|---------|
| 500                                                                                                             | 300 (C)     | 300 (C) |
| 24                                                                                                              | 20 (C)      | 20 (C)  |
| 2.5                                                                                                             | AWG 26...12 | 26...12 |
| 6 kV / 3                                                                                                        |             |         |
| A2 / V-0                                                                                                        |             |         |
|                                                                                                                 |             |         |
| Rated connection                                                                                                |             |         |
| 0.5...4                                                                                                         |             |         |
| 0.5...4 / 0.5...2.5                                                                                             |             |         |
| 10 / 0.6 x 3.5 mm                                                                                               |             |         |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |         |

## ZP 2.5/1AN/GN/BE

2.5 mm<sup>2</sup>

2 to 17-pole

Connectors each with one green pole



5.1 x 16 x 41  
24 / 4  
0.13...4

| IEC                                                                                                             | UL          | CSA     |
|-----------------------------------------------------------------------------------------------------------------|-------------|---------|
| 500                                                                                                             | 300 (C)     | 300 (C) |
| 24                                                                                                              | 20 (C)      | 20 (C)  |
| 2.5                                                                                                             | AWG 26...12 | 26...12 |
| 6 kV /                                                                                                          |             |         |
| A2 / V-0                                                                                                        |             |         |
|                                                                                                                 |             |         |
| Rated connection                                                                                                |             |         |
| 0.5...4                                                                                                         |             |         |
| 0.5...4 / 0.5...2.5                                                                                             |             |         |
| 10 / 0.6 x 3.5 mm                                                                                               |             |         |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |         |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZP 2.5/1AN/1    | 50   | 1815430000 |
| ZP 2.5/1AN/2    | 25   | 1815440000 |
| ZP 2.5/1AN/3    | 25   | 1815450000 |
| ZP 2.5/1AN/4    | 25   | 1815500000 |
| ZP 2.5/1AN/5    | 25   | 1815510000 |
| ZP 2.5/1AN/6    | 25   | 1815520000 |
| ZP 2.5/1AN/7    | 25   | 1815530000 |
| ZP 2.5/1AN/8    | 20   | 1815540000 |
| ZP 2.5/1AN/9    | 20   | 1815550000 |
| ZP 2.5/1AN/10   | 20   | 1815560000 |
| ZP 2.5/1AN/11   | 20   | 1815570000 |
| ZP 2.5/1AN/12   | 20   | 1815580000 |
| ZP 2.5/1AN/13   | 10   | 1815590000 |
| ZP 2.5/1AN/14   | 10   | 1815600000 |
| ZP 2.5/1AN/15   | 10   | 1815610000 |
| ZP 2.5/1AN/16   | 10   | 1815620000 |
| ZP 2.5/1AN/17   | 10   | 1815180000 |
| ZP 2.5/1AN/24   | 10   | 1815720000 |
| ZP 2.5/1AN/1 GN | 50   | 1820580000 |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| ZP 2.5/1AN/2 GN/BE  | 25   | 1867090000 |
| ZP 2.5/1AN/3 GN/BE  | 25   | 1867100000 |
| ZP 2.5/1AN/4 GN/BE  | 25   | 1867110000 |
| ZP 2.5/1AN/5 GN/BE  | 25   | 1867120000 |
| ZP 2.5/1AN/6 GN/BE  | 25   | 1867130000 |
| ZP 2.5/1AN/7 GN/BE  | 25   | 1867140000 |
| ZP 2.5/1AN/8 GN/BE  | 20   | 1867150000 |
| ZP 2.5/1AN/9 GN/BE  | 20   | 1867160000 |
| ZP 2.5/1AN/10 GN/BE | 20   | 1867170000 |
| ZP 2.5/1AN/11 GN/BE | 20   | 1867180000 |
| ZP 2.5/1AN/12 GN/BE | 20   | 1867190000 |
| ZP 2.5/1AN/13 GN/BE | 10   | 1867200000 |
| ZP 2.5/1AN/14 GN/BE | 10   | 1867210000 |
| ZP 2.5/1AN/15 GN/BE | 10   | 1867220000 |
| ZP 2.5/1AN/17 GN/BE | 10   | 1867240000 |

The technical specifications are only valid for use in conjunction with PE terminals, according to DIN EN 60947-7-2.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| ZTA ZT2.5            | 5.1 mm  | 25   | 1827080000 |
| SDIS SL 0.6X3.5X100  |         | 1    | 1274660000 |
| ZGB 30               | 7 mm    | 20   | 1611930000 |
| STR 7 F.SCHT 7       | 6.3 mm  | 20   | 0515300000 |
| ESO 7 A4-BOGEN WEISS | 6.3 mm  | 10   | 1607720000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Width                |         |      |            |
| ZTA ZT2.5            | 5.1 mm  | 25   | 1827080000 |
| SDIS SL 0.6X3.5X100  |         | 1    | 1274660000 |
| ZGB 30               | 7 mm    | 20   | 1611930000 |
| STR 7 F.SCHT 7       | 6.3 mm  | 20   | 0515300000 |
| ESO 7 A4-BOGEN WEISS | 6.3 mm  | 10   | 1607720000 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|



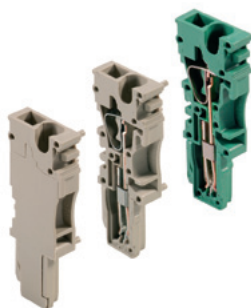


## WeiCoS – single slice elements

### Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are piped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

#### Single slice element ZP 2.5/1AN plug



#### Ordering data

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZP 2.5/1AN            | 50   | 1875150000 |
| ZP 2.5/1AN ZA O.RA    | 50   | 1875210000 |
| ZP 2.5/1AN ZA         | 50   | 1875190000 |
| ZP 2.5/1AN ZA O.RA BL | 50   | 1972980000 |
| ZP 2.5/1AN ZA BL      | 50   | 1009070000 |
| ZP 2.5/1AN GN         | 50   | 1875180000 |
| ZP 2.5/1AN ZA O.RA GN | 50   | 1875220000 |
| ZP 2.5/1AN ZA GN      | 50   | 1875200000 |

#### Single slice element ZP 2.5/1AN/QV plug

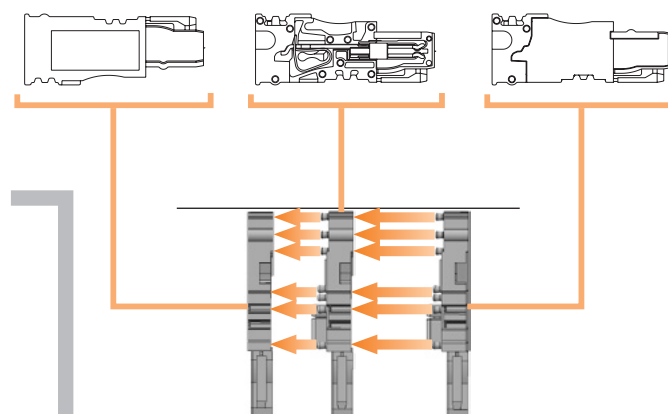


#### Ordering data

| Type                     | Qty. | Order No.  |
|--------------------------|------|------------|
| ZP 2.5/1AN/QV            | 50   | 1007900000 |
| ZP 2.5/1AN/QV ZA O.RA    | 50   | 1007960000 |
| ZP 2.5/1AN/QV ZA         | 50   | 1007930000 |
| ZP 2.5/1AN/QV BL         | 50   | 1007910000 |
| ZP 2.5/1AN/QV ZA O.RA BL | 50   | 1007970000 |
| ZP 2.5/1AN/QV ZA BL      | 50   | 1007940000 |
| ZP 2.5/1AN/QV GN         | 50   | 1007920000 |
| ZP 2.5/1AN/QV ZA O.RA GN | 50   | 1007980000 |
| ZP 2.5/1AN/QV ZA GN      | 50   | 1007950000 |

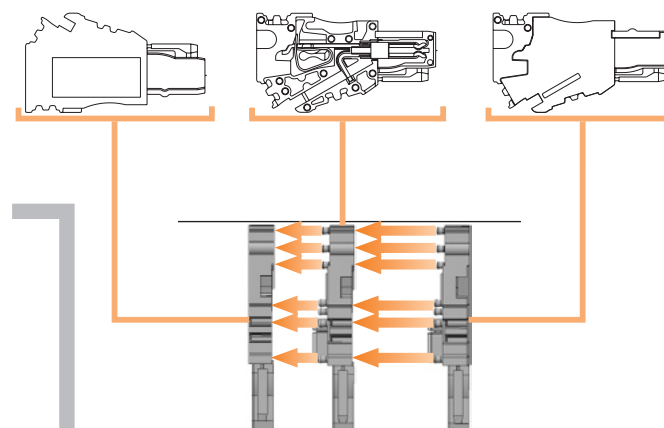
#### Construction of plug:

|                        |                         |                      |
|------------------------|-------------------------|----------------------|
| <b>1 start element</b> | <b>n-2 core element</b> | <b>1 end element</b> |
| 1875150000 BE          | 1875210000 BE           | 1875190000 BE        |
| 1875180000 GN          | 1972980000 BL           | 1009070000 BL        |
|                        | 1875220000 GN           | 1875200000 GN        |

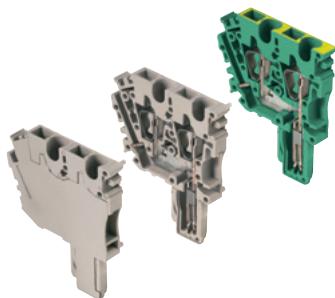


#### Construction of plug:

|                        |                         |                      |
|------------------------|-------------------------|----------------------|
| <b>1 start element</b> | <b>n-2 core element</b> | <b>1 end element</b> |
| 1007900000 BE          | 1007960000 BE           | 1007930000 BE        |
| 1007910000 BL          | 1007970000 BL           | 1007940000 BL        |
| 1007920000 GN          | 1007980000 GN           | 1007950000 GN        |



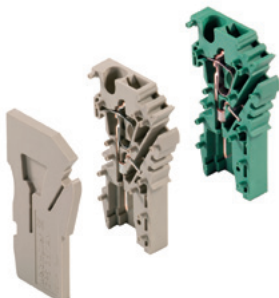
Single slice element ZP 2.5/2AN/QV plug



Ordering data

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| ZP 2.5/2AN/QV           | 50   | 1007810000 |
| ZP 2.5/2AN/QV ZA 0.RA   | 50   | 1007870000 |
| ZP 2.5/2AN/QV ZA        | 50   | 1007840000 |
| ZP 2.5/2AN/QV BL        | 50   | 1007820000 |
| ZP 2.5/2AN/QV ZA0.RA BL | 50   | 1007880000 |
| ZP 2.5/2AN/QV ZA BL     | 50   | 1007850000 |
| ZP 2.5/2AN/QV GN        | 50   | 1007830000 |
| ZP 2.5/2AN/QV ZA0.RA GN | 50   | 1007890000 |
| ZP 2.5/2AN/QV ZA GN     | 50   | 1007860000 |

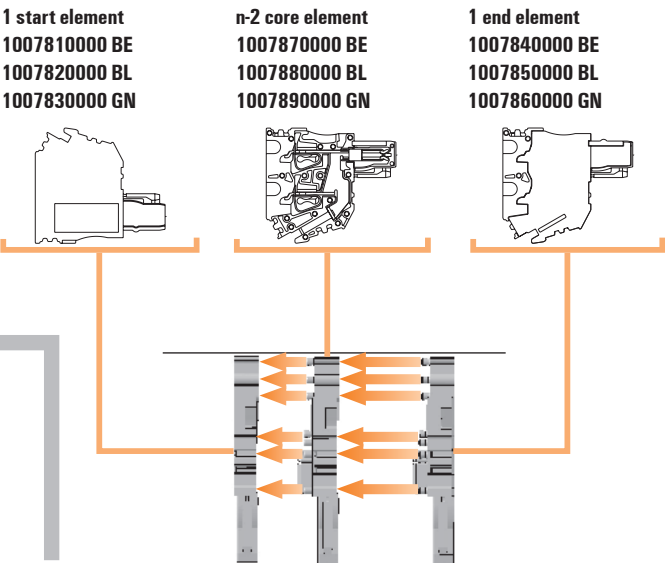
Single slice element ZPS coupling



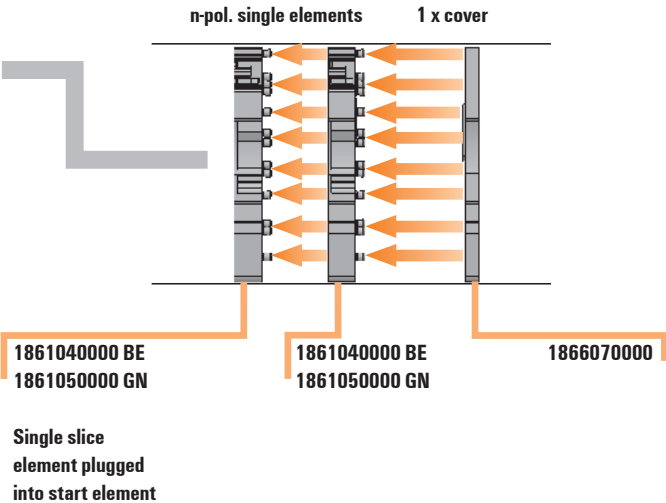
Ordering data

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| GHDE ZPS 2.5/1AN   | 50   | 1866070000 |
| ZPS 2.5/1AN/QV/1GN | 50   | 1861050000 |
| ZPS 2.5/1AN/QV     | 50   | 1861040000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

Construction of plug:



Construction of coupling:



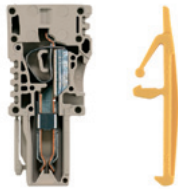
Pluggable standard terminals WeiCos – Accessories

Plug accessories

WeiCoS 2.5 mm<sup>2</sup>

Locking element

ZVR ZP 2.5

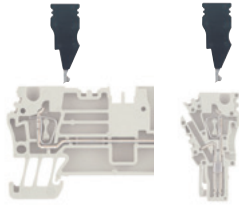


| Ordering data | Type       | Qty. | Order No.  |
|---------------|------------|------|------------|
|               | ZVR ZP 2.5 | 25   | 1816130000 |

Test adapter

1 x 1827080000 and  
(n-1) x 1847600000 are required  
for setting up n-pole blocks.

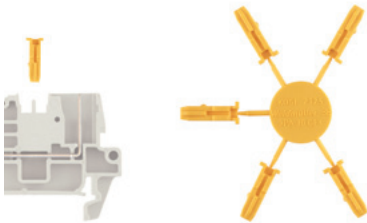
ZTA ZT 2.5



| Ordering data | Type                        | Qty. | Order No.  |
|---------------|-----------------------------|------|------------|
|               | ZTA ZT 2.5 (without spigot) | 25   | 1827080000 |
|               | ZTA ZT 2.5 (with spigot)    | 25   | 1847600000 |

Coding element

KOSF ZT 2.5



| Ordering data | Type        | Qty. | Order No.  |
|---------------|-------------|------|------------|
|               | KOSF ZT 2.5 | 50   | 1816150000 |

Locking element

ZVR ZP 2.5 in conjunction with  
separate coupling

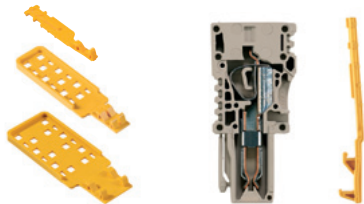
ZVR ZPS 2.5



| Ordering data | Type        | Qty. | Order No.  |
|---------------|-------------|------|------------|
|               | ZVR ZPS 2.5 | 20   | 1878620000 |

Strain relief

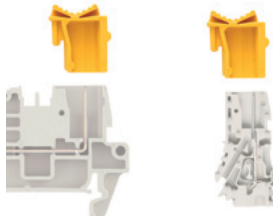
ZZE ZP 2.5



| Ordering data | Type                  | Qty. | Order No.  |
|---------------|-----------------------|------|------------|
|               | ZZE ZP 2.5 - 1-pole   | 25   | 1816140000 |
|               | ZZE ZP 2.5/4 - 4-pole | 25   | 1866220000 |
|               | ZZE ZP 2.5/8 - 8-pole | 25   | 1866230000 |

Protective cover

ZAD ZT / ZPS 2.5



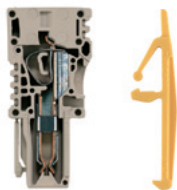
| Ordering data | Type             | Qty. | Order No.  |
|---------------|------------------|------|------------|
|               | ZAD ZT / ZPS 2.5 | 50   | 1861030000 |

Plug accessories

WeiCoS 4 mm<sup>2</sup>

Locking element

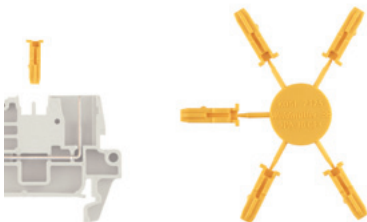
ZVR ZP 4



| Ordering data | Type     | Qty. | Order No.  |
|---------------|----------|------|------------|
|               | ZVR ZP 4 | 25   | 1855250000 |
|               |          |      |            |

Coding element

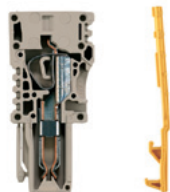
KOSF ZT 4



| Ordering data | Type      | Qty. | Order No.  |
|---------------|-----------|------|------------|
|               | KOSF ZT 4 | 50   | 1856860000 |
|               |           |      |            |

Strain relief

ZZE ZP 4



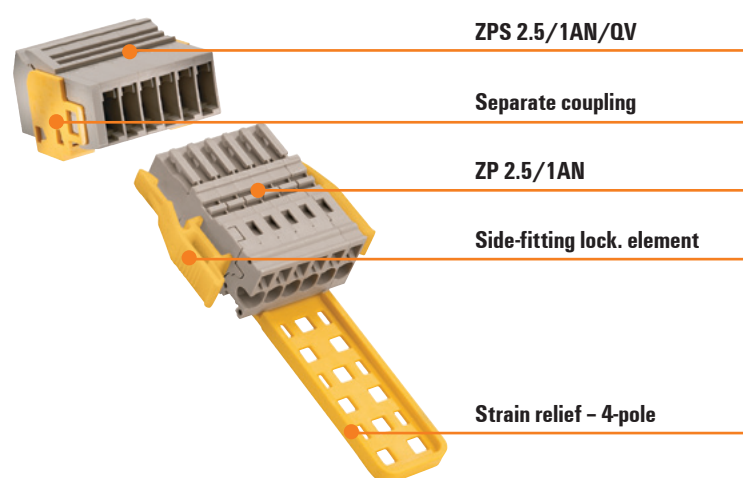
| Ordering data | Type     | Qty. | Order No.  |
|---------------|----------|------|------------|
|               | ZZE ZP 4 | 25   | 1855260000 |
|               |          |      |            |

## Mounting set – separate coupling

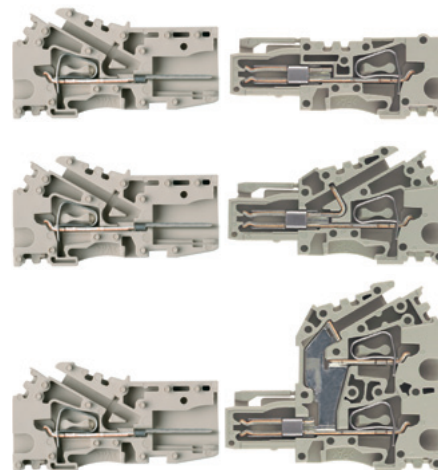
**Individual applications without the use of component parts would be unthinkable in industry today.**

Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. It is the ideal solution for wiring without “heavyweight” enclosures.

In addition, this separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible, functional units.



## Separate coupling – 3 plugs, 1 line



Separate coupling

ZVLA1 ZPS 2.5



| Ordering data | Type          | Qty. | Order No.  |
|---------------|---------------|------|------------|
|               | ZVLA1 ZPS 2.5 | 20   | 1866250000 |

Alternative to the side-fitting locking element, the central locking element

ZVR ZP 2.5



| Ordering data | Type       | Qty. | Order No.  |
|---------------|------------|------|------------|
|               | ZVR ZP 2.5 | 20   | 1816130000 |

Strain relief

ZZE ZP 2.5 / 4 / 8



| Ordering data | Type                  | Qty. | Order No.  |
|---------------|-----------------------|------|------------|
|               | ZZE ZP 2.5 - 1-pole   | 25   | 1816140000 |
|               | ZZE ZP 2.5/4 - 4-pole | 25   | 1866220000 |
|               | ZZE ZP 2.5/8 - 8-pole | 25   | 1866230000 |

ZP 2.5/1AN/6



| Ordering data | Type         | Qty. | Order No.  |
|---------------|--------------|------|------------|
|               | ZP 2.5/1AN/6 | 25   | 1815520000 |

Side-fitting locking element

ZVR ZPS 2.5



| Ordering data | Type        | Qty. | Order No.  |
|---------------|-------------|------|------------|
|               | ZVR ZPS 2.5 | 20   | 1878620000 |

ZPS 2.5/1AN/QV 6



| Ordering data | Type             | Qty. | Order No.  |
|---------------|------------------|------|------------|
|               | ZPS 2.5/1AN/QV 6 | 25   | 1865940000 |

## Mounting set – coupling

### The new options

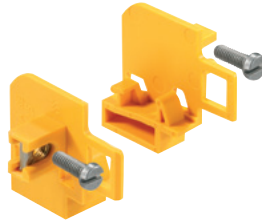
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users do not always want them to be quite so readily separable.

We have therefore devised the following fixing variations for separate couplings:

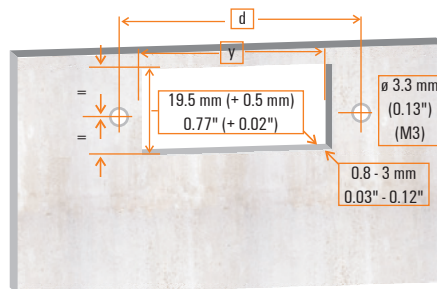
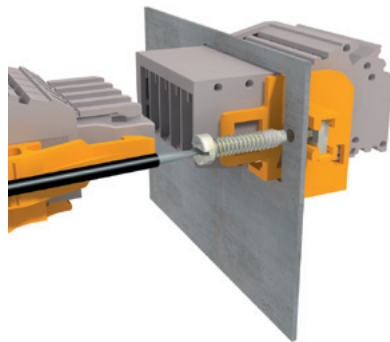
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

Of special note is the fact that the coupling blocks can be supplied already fitted with the fixings you require.

## Screwed through-wall fixing



| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZVLA DF ZPS2.5 | 20   | 1878600000 |



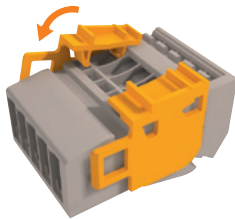
$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm}$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm}$$

$$y = n \times 0.25" + 0.216"$$

$$d = n \times 0.25" + 0.53"$$

## WeiCoS



**Plug-in connector system with an infinite number of combinations – but always with the same fitting method.**

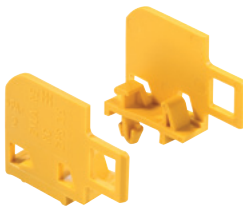
| n-pole  | y    |         | d    |         |
|---------|------|---------|------|---------|
|         | mm   | inch(") | mm   | inch(") |
| 2-pole  | 15.7 | 0.62    | 23.7 | 0.93    |
| 3-pole  | 20.8 | 0.82    | 28.8 | 1.13    |
| 4-pole  | 25.9 | 1.02    | 33.9 | 1.33    |
| 5-pole  | 31.0 | 1.22    | 38.9 | 1.53    |
| 6-pole  | 36.1 | 1.42    | 44.1 | 1.74    |
| 7-pole  | 41.2 | 1.62    | 49.2 | 1.94    |
| 8-pole  | 46.3 | 1.82    | 54.3 | 2.14    |
| 9-pole  | 51.4 | 2.02    | 59.4 | 2.34    |
| 10-pole | 56.5 | 2.22    | 64.5 | 2.55    |
| 11-pole | 61.6 | 2.43    | 69.6 | 2.74    |
| 12-pole | 66.7 | 2.63    | 74.7 | 2.94    |
| 13-pole | 71.8 | 2.83    | 79.8 | 3.14    |
| 14-pole | 76.9 | 3.03    | 84.9 | 3.34    |
| 15-pole | 82.0 | 3.23    | 90.0 | 3.54    |
| 16-pole | 87.1 | 3.43    | 95.1 | 3.74    |

Direct mounting – screwed



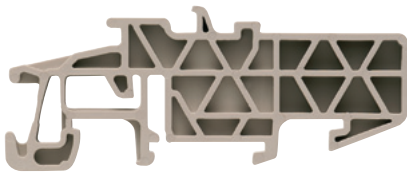
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZVLA SC ZPS 2.5 | 20   | 1866240000 |

Direct mounting – clipped



| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZVLA RC ZPS 2.5 | 20   | 1866260000 |

on terminal rail



| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| MOFU 15/35 ZPS 2.5 | 25   | 1899170000 |



| Type          | Qty. | Order No.  |
|---------------|------|------------|
| BA RC ZPS 2.5 | 100  | 1908560000 |



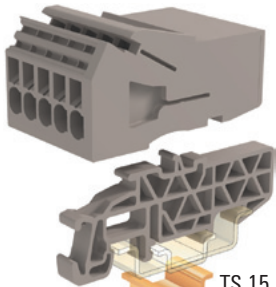
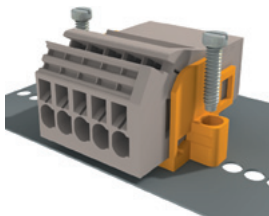
Plug support prevents buckling of the connection

| Type       | Qty. | Order No.  |
|------------|------|------------|
| BA ZPS 2.5 | 100  | 1908550000 |



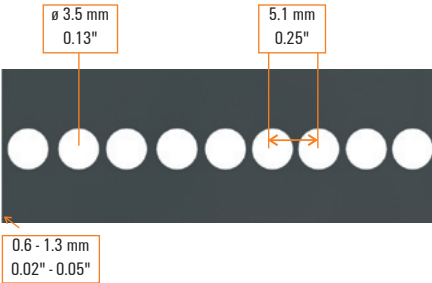
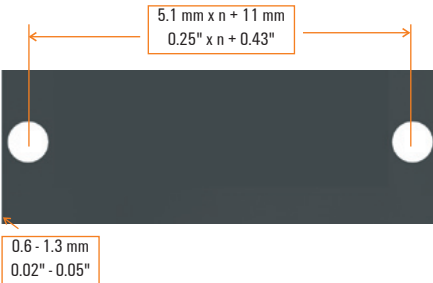
Plug support prevents buckling of the connection

| Type       | Qty. | Order No.  |
|------------|------|------------|
| BA ZPS 2.5 | 100  | 1908550000 |



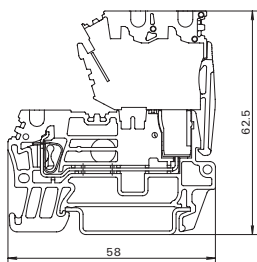
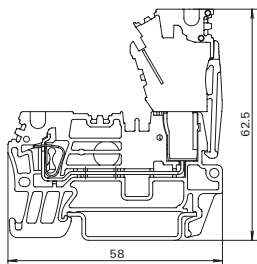
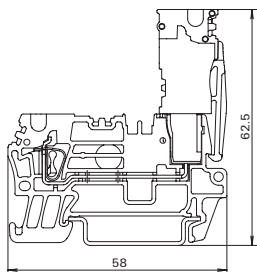
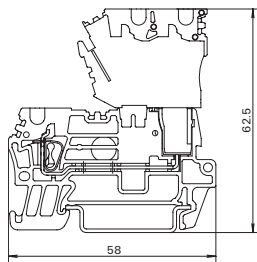
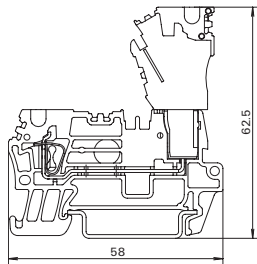
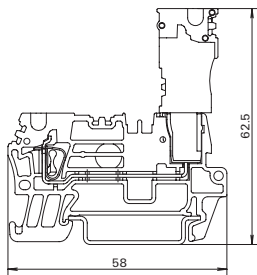
TS 15

TS 35

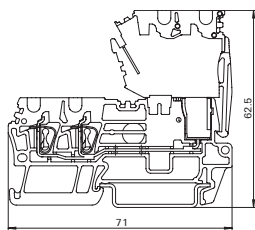
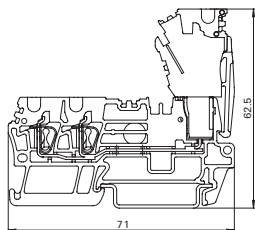
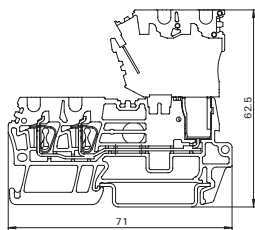
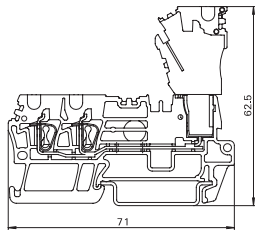




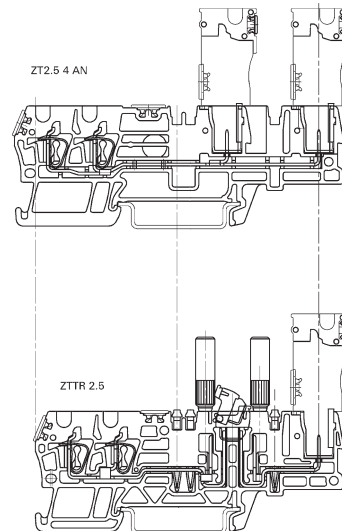
## ZT 2.5/2AN/1



## ZT 2.5/3AN/1

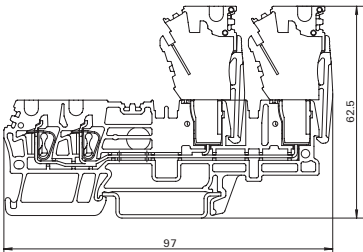
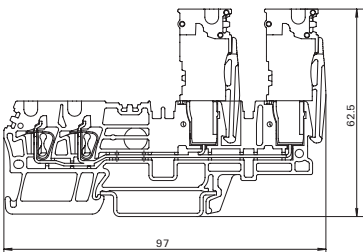
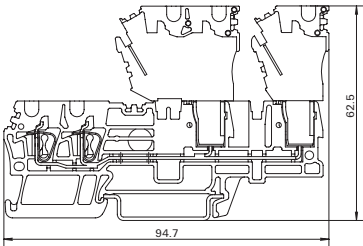
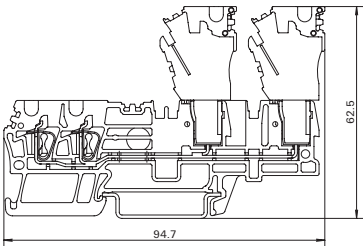
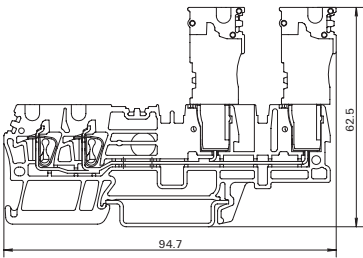


## ZTTR 2.5/3AN/1

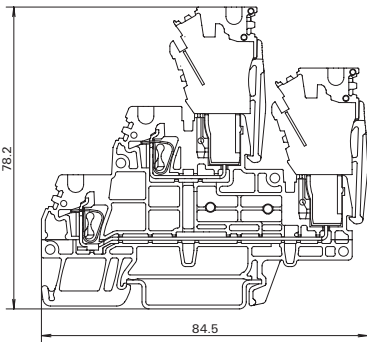
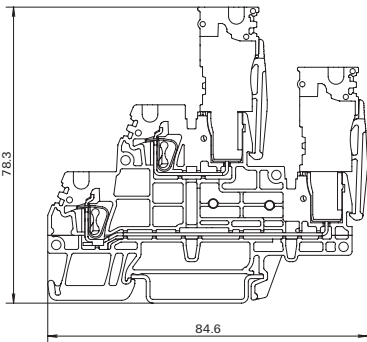
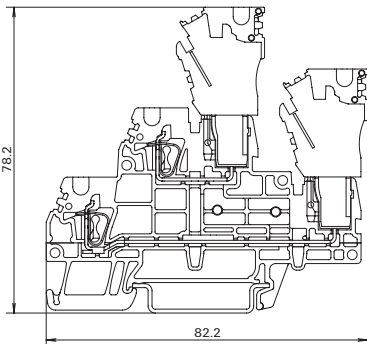
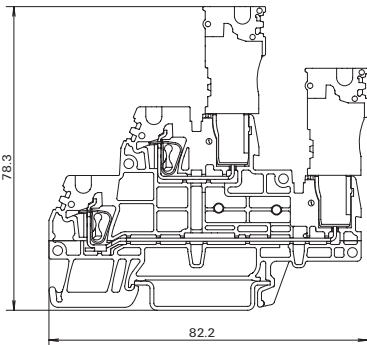


A connector alignment:  
the ZTTR can be combined with ZTPE 2.5.

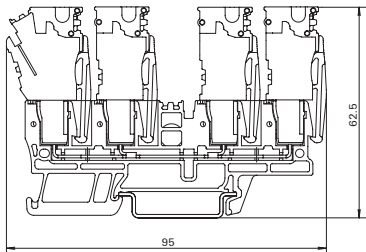
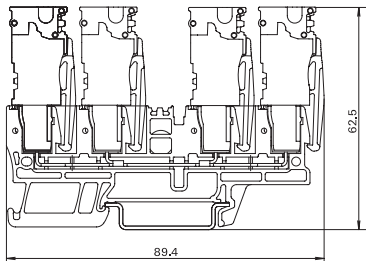
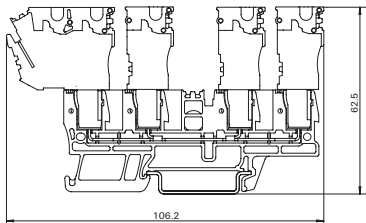
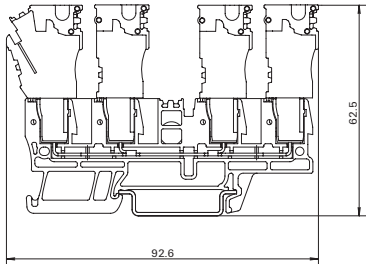
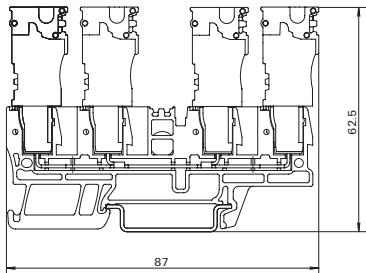
ZT 2.5/4AN/2



ZTD 2.5/2



ZT 2.5/4AN/4

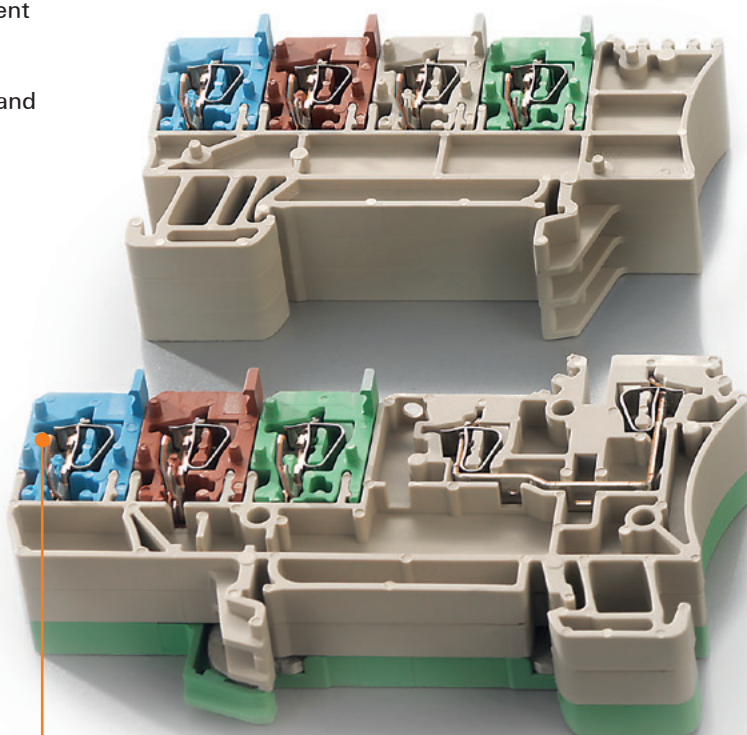


# A modular distribution system with proven tension-clamp connections

## Distribution terminal bars from stackable single modules, consisting of carrier and base elements

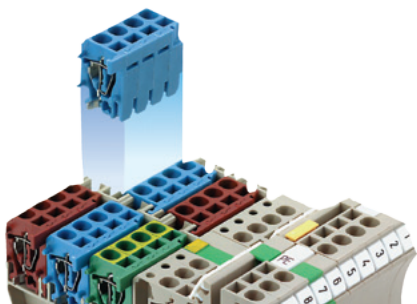
The basis for this modular system is the side-by-side mounting of the individual modules of the distribution terminals with their integral cross-connection. The female contact is on one side, the male contact on the other. Thanks to the modular thin-element design, variable distribution strips can be set up to suit the application. The base elements, which are clipped onto TS 35 terminal rails, form the supports for these module combinations. These base elements are available in a number of different versions:

- Carrier elements with and without signal lines for 3- and 4-wire connections
- Modular construction which enables individual configuration



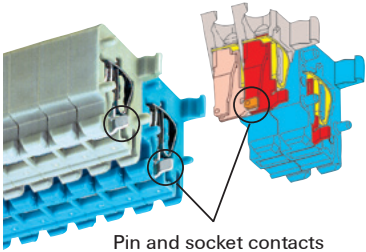
### Simple operation

The distribution terminals with integrated cross-connections can be joined together and be snapped into the base elements by hand.



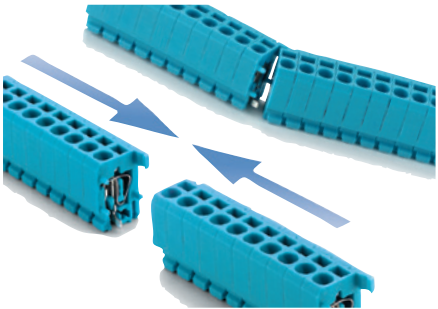
**Integrated cross-connection**

Potential distribution with integrated cross-connections of the male and female contacts.



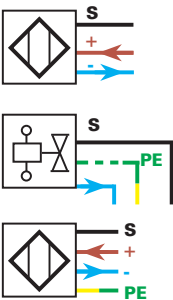
**Modular system**

Variable number of poles available on account of their simple connection or separation capabilities.



**For initiators and actuators**

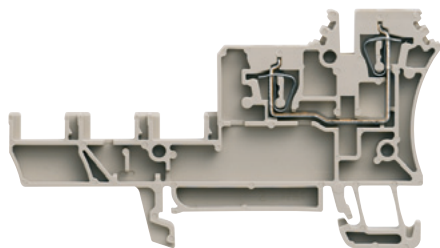
The modular distribution strip system is a convenient way to supply initiators and actuators with three- or four-wire power connections.





**ZIA 1.5/4 L...****1.5 mm<sup>2</sup>**

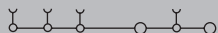
Base element 4-wire



5.08 x 81.5 x 46

/ 2.5

0.13...2.5



IEC 60947-7-1

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 250  | 300 (D)     |             |
| 17.5 | 10 (D)      |             |
| 1.5  | AWG 26...14 | AWG 26...14 |
|      | 4 kV / 3    |             |
|      | A1 / V-0    |             |

**Rated connection**

0.5...2.5

0.5...2.5 / 0.5...1.5

8 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZIA 1.5/4L-1S    | 100  | 1652010000 |
| ZIA 1.5/4L-1S/LD | 50   | 1652020000 |
| ZIA 1.5/4L-PE    | 20   | 1652030000 |

ZVL 1.5 0.QV = distribution strip without internal bridge for park position

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZQV 2.5/2  | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3  | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4  | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10 | 24 A    | 20   | 1608940000 |
| ZQV 2.5/50 | 24 A    | 10   | 1697540000 |

| Width               |         |      |            |
|---------------------|---------|------|------------|
| ZRH 1.5N/1          | 4.85 mm | 1000 | 1632140000 |
| ZRH 1.5N/2          | 4.85 mm | 1000 | 1632130000 |
| ZAP/TW ZIA1.5/4L    | 5.08 mm | 50   | 1649550000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |

DEK 5/5

**ZVL 1.5****1.5 mm<sup>2</sup>**

Distribution strip



5.08 x 12.9 x 17.45

/ 2.5

0.13...2.5



IEC 60947-7-1

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 250  | 300 (D)     | 300 (D)     |
| 17.5 | 10 (D)      | 10 (D)      |
| 1.5  | AWG 26...14 | AWG 26...14 |
|      | 4 kV / 3    |             |
|      | A2 / V-0    |             |

**Rated connection**

0.5...2.5

0.5...2.5 / 0.5...1.5

7 / 0.6 x 3.5 mm

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| ZVL 1.5              | 100  | 1649300000 |
| ZVL 1.5 BL           | 100  | 1650360000 |
| ZVL 1.5 BR           | 100  | 1650370000 |
| ZVL 1.5 0.QV         | 100  | 1711930000 |
| ZVL 1.5/PE GN/GE BED | 100  | 1651970000 |

ZVL 1.5 0.QV = distribution strip without internal bridge for park position

| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| ZRH 1.5N/1 | 4.85 mm | 1000 | 1632140000 |
| ZRH 1.5N/2 | 4.85 mm | 1000 | 1632130000 |

| Width               |      |     |            |
|---------------------|------|-----|------------|
| BZT ZVL1.5          | 5 mm | 100 | 1676610000 |
| BZT ZVL1.5/0.ZA     | 5 mm | 100 | 1676620000 |
| SDIS SL 0.6X3.5X100 |      | 1   | 1274660000 |

DEK 5/5

Integrated cross-connectors.  
Distribution strip for base element ZPV 1.5 Order no. 1676630000



## Modular design

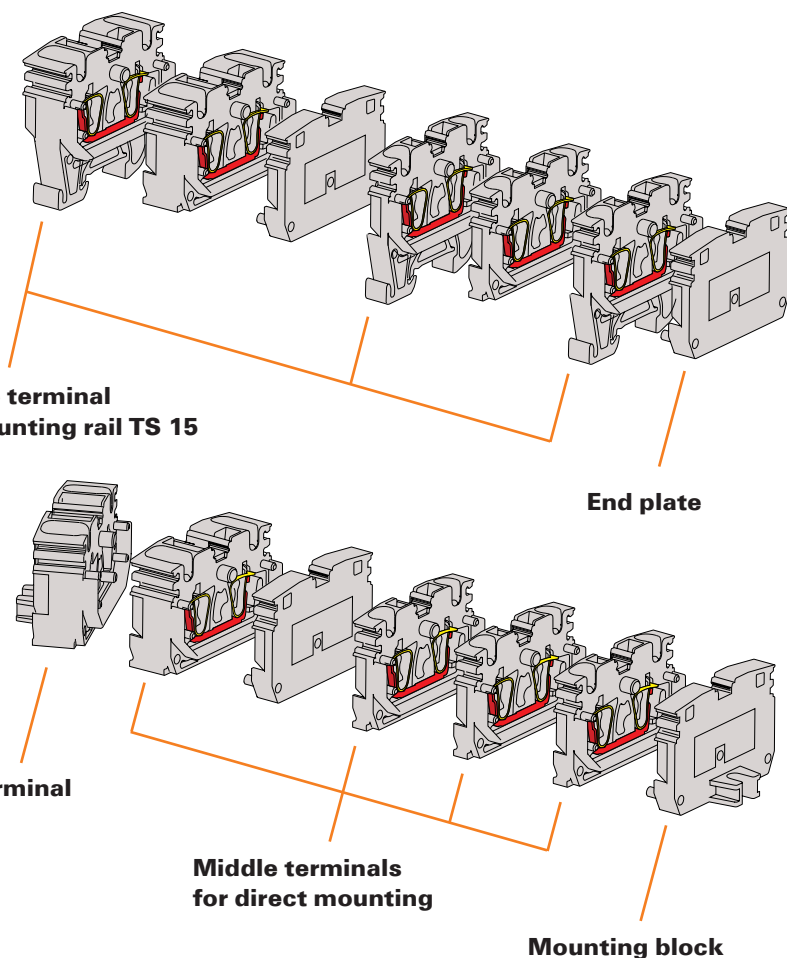
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

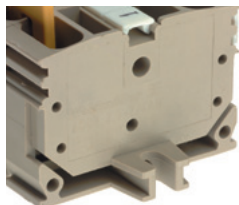
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.

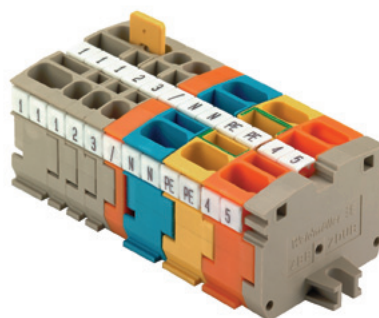


Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

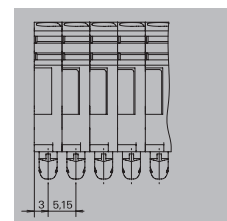
## ... with 4 different means of fastening

**ZDUB 2.5-2 DM****Direct mounting with screw fastening on mounting plate**

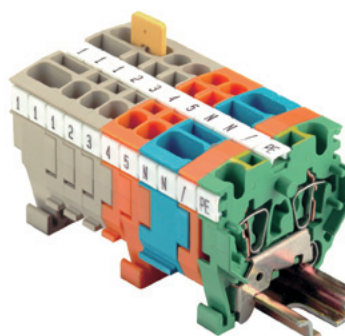
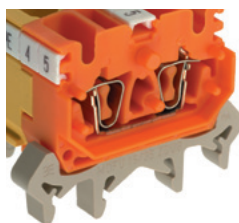
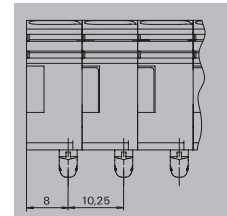
The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.

**ZDUB 2.5-2 RC****Clip-on fastening on mounting plates**

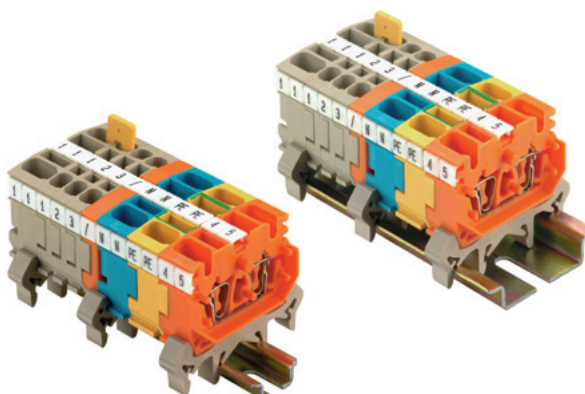
The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.

**Drilling plan:**  
ZDUB/2.5-2/2AN**ZPEB 2.5-2 TS 15****Fitting on mounting rail TS 15**

For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.

**ZDUB 2.5-2/4AN****MOFU TS 15/35****Mounting foot for mounting rail TS 15/35**

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.





## Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Central terminals |                  |
|-------------------|------------------|
|                   | Dark beige Wemid |
|                   | Blue Wemid       |
|                   | Yellow Wemid     |
|                   | Orange Wemid     |
| Note              |                  |

## Accessories

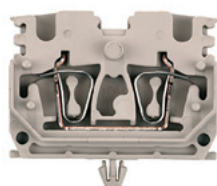
| Pluggable cross-connection                                                          |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | 2-pole           |
| End plate / Partition plate                                                         |                  |
|                                                                                     | Dark beige Wemid |
|                                                                                     | Blue Wemid       |
|                                                                                     | Orange PA        |
| Screwdriver                                                                         |                  |
|                                                                                     | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZDUB 2.5-2/2AN/RC

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.2 x 29  
30 / 4  
0.13...4

| IEC 60947-7-1                                                                                                                                                                                                                                         |             | Ex e II  II 2 G D |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|------------|
| IEC                                                                                                                                                                                                                                                   | UL          | CSA                                                                                                | EN 60079-7 |
| 800                                                                                                                                                                                                                                                   | 600 (C)     | 600 (C)                                                                                            | 550        |
| 24                                                                                                                                                                                                                                                    | 20 (C)      | 25 (C)                                                                                             | 21         |
| 2.5                                                                                                                                                                                                                                                   | AWG 26...12 | AWG 26...12                                                                                        | 2.5        |
| 8 kV / 3                                                                                                                                                                                                                                              |             |                                                                                                    |            |
| A2 / V-0                                                                                                                                                                                                                                              |             |                                                                                                    |            |
|    |             | KEMA 97ATEX2755 U                                                                                  |            |
| Rated connection                                                                                                                                                                                                                                      |             |                                                                                                    |            |
| 0.5...4                                                                                                                                                                                                                                               |             |                                                                                                    |            |
| 0.5...2.5 / 0.5...1.5                                                                                                                                                                                                                                 |             |                                                                                                    |            |
| 10 / 0.6 x 3.5 mm                                                                                                                                                                                                                                     |             |                                                                                                    |            |
| Snap-on clip                                                                                                                                                                                                                                          |             |                                                                                                    |            |

| Type                                                                                                   | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------|------|------------|
| ZDUB 2.5-2/2AN/RC                                                                                      | 100  | 1712820000 |
| ZDUB 2.5-2/2AN/RC BL                                                                                   | 100  | 1712830000 |
| ZDUB 2.5-2/2AN/RC GE                                                                                   | 100  | 1712850000 |
| ZDUB 2.5-2/2AN/RC OR                                                                                   | 100  | 1712840000 |
| Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm. |      |            |

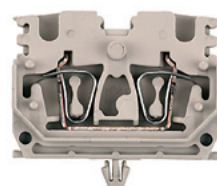
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZDB 2.5-2           | 24 A    | 50   | 1677120000 |
| Width               |         |      |            |
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| ZAP ZDUB BL         | 5 mm    | 50   | 1704760000 |
| ZAP ZDUB OR         | 5 mm    | 50   | 1704770000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |

|                                                                              |
|------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                            |
| The terminal blocks are cross-connected when using the ZDB 2.5 (1677120000). |

## ZDUB 2.5-2/4AN/RC

2.5 mm<sup>2</sup>

Four connections



10.2 x 33.5 x 29  
30 / 4  
0.13...4

| IEC 60947-7-1                                                                                                                                                                                                                                               |             | Ex e II  II 2 G D |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------|------------|
| IEC                                                                                                                                                                                                                                                         | UL          | CSA                                                                                                  | EN 60079-7 |
| 800                                                                                                                                                                                                                                                         | 600 (C)     | 600 (C)                                                                                              | 550        |
| 24                                                                                                                                                                                                                                                          | 20 (C)      | 25 (C)                                                                                               | 21         |
| 2.5                                                                                                                                                                                                                                                         | AWG 26...12 | AWG 26...12                                                                                          | 2.5        |
| 8 kV / 3                                                                                                                                                                                                                                                    |             |                                                                                                      |            |
| A2 / V-0                                                                                                                                                                                                                                                    |             |                                                                                                      |            |
|    |             | KEMA 97ATEX2755 U                                                                                    |            |
| Rated connection                                                                                                                                                                                                                                            |             |                                                                                                      |            |
| 0.5...4                                                                                                                                                                                                                                                     |             |                                                                                                      |            |
| 0.5...2.5 / 0.5...1.5                                                                                                                                                                                                                                       |             |                                                                                                      |            |
| 10 / 0.6 x 3.5 mm                                                                                                                                                                                                                                           |             |                                                                                                      |            |
| Snap-on clip                                                                                                                                                                                                                                                |             |                                                                                                      |            |

| Type                                                                                                   | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------|------|------------|
| ZDUB 2.5-2/4AN/RC                                                                                      | 100  | 1712970000 |
| ZDUB 2.5-2/4AN/RC BL                                                                                   | 100  | 1712980000 |
| ZDUB 2.5-2/4AN/RC GE                                                                                   | 100  | 1713000000 |
| Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZDB 2.5-2           | 24 A    | 50   | 1677120000 |
| Width               |         |      |            |
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| ZAP ZDUB BL         | 5 mm    | 50   | 1704760000 |
| ZAP ZDUB OR         | 5 mm    | 50   | 1704770000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |

|                                                                              |
|------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                            |
| The terminal blocks are cross-connected when using the ZDB 2.5 (1677120000). |

## Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| End terminals     |  |
|-------------------|--|
| Dark beige Wemid  |  |
| Blue Wemid        |  |
| Yellow Wemid      |  |
| Central terminals |  |
| Dark beige Wemid  |  |
| Blue Wemid        |  |
| Yellow Wemid      |  |
| Orange Wemid      |  |
| Note              |  |

## Accessories

| Pluggable cross-connection                                                          |        |
|-------------------------------------------------------------------------------------|--------|
|  | 2-pole |
| End plate / Partition plate                                                         |        |
| Dark beige Wemid                                                                    |        |
| Blue Wemid                                                                          |        |
| Orange PA                                                                           |        |
| Mounting blocks                                                                     |        |
| Dark beige Wemid                                                                    |        |
| Screwdriver                                                                         |        |
| Standard                                                                            |        |
| Mounting foot for TS15 & TS35                                                       |        |
| Dark beige Wemid                                                                    |        |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Marking tags           |                                 |
| Note                   |                                 |

## ZDUB 2.5-2/2AN/DM

2.5 mm<sup>2</sup>

## Two connections



5.1 x 33.5 x 24  
30 / 4  
0.13...4

IEC 60947-7-1

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 24       | 20 (C)      | 25 (C)      | 21         |
| 2.5      | AWG 26...12 | AWG 26...12 | 2.5...     |
| 8 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |

    KEMA 97ATEX2755 U

| Rated connection      |  |
|-----------------------|--|
| 0.5...4               |  |
| 0.5...2.5 / 0.5...1.5 |  |
| 10 / 0.6 x 3.5 mm     |  |

Direct mounting

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| ZDUB 2.5-2/2AN/DB    | 100  | 1704500000 |
| ZDUB 2.5-2/2AN/DB BL | 100  | 1704510000 |
| ZDUB 2.5-2/2AN/DB GE | 100  | 1704530000 |
| ZDUB 2.5-2/2AN/DM    | 100  | 1704350000 |
| ZDUB 2.5-2/2AN/DM BL | 100  | 1704360000 |
| ZDUB 2.5-2/2AN/DM GE | 100  | 1704380000 |
| ZDUB 2.5-2/2AN/DM OR | 100  | 1704370000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZDB 2.5-2           | 24 A    | 50   | 1677120000 |
| Width               |         |      |            |
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| ZAP ZDUB BL         | 5 mm    | 50   | 1704760000 |
| ZAP ZDUB OR         | 5 mm    | 50   | 1704770000 |
| ZBB ZDUB            |         |      |            |
| ZBB ZDUB            | 5.1 mm  | 50   | 1704740000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| MOFU 15/35 ZDUB     |         |      |            |
| MOFU 15/35 ZDUB     | 5 mm    | 50   | 1723660000 |

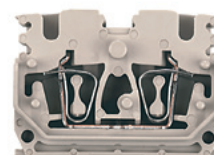
DEK 5/5 / WS 10/5

The terminal blocks are cross-connected when using the ZDB 2.5 (1677120000).

## ZDUB 2.5-2/4AN/DM

2.5 mm<sup>2</sup>

## Four connections



10.2 x 33.5 x 24  
30 / 4  
0.13...4

IEC 60947-7-1

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 24       | 20 (C)      | 25 (C)      | 21         |
| 2.5      | AWG 26...12 | AWG 26...12 | 2.5...     |
| 8 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |

    KEMA 97ATEX2755 U

| Rated connection      |  |
|-----------------------|--|
| 0.5...4               |  |
| 0.5...2.5 / 0.5...1.5 |  |
| 10 / 0.6 x 3.5 mm     |  |

Direct mounting

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| ZDUB 2.5-2/4AN/DB    | 100  | 1704690000 |
| ZDUB 2.5-2/4AN/DB BL | 100  | 1704700000 |
| ZDUB 2.5-2/4AN/DB GE | 100  | 1704720000 |
| ZDUB 2.5-2/4AN/DM    | 100  | 1704540000 |
| ZDUB 2.5-2/4AN/DM BL | 100  | 1704550000 |
| ZDUB 2.5-2/4AN/DM GE | 100  | 1704570000 |
| ZDUB 2.5-2/4AN/DM OR | 100  | 1704560000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZDB 2.5-2           | 24 A    | 50   | 1677120000 |
| Width               |         |      |            |
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| ZAP ZDUB BL         | 5 mm    | 50   | 1704760000 |
| ZAP ZDUB OR         | 5 mm    | 50   | 1704770000 |
| ZBB ZDUB            |         |      |            |
| ZBB ZDUB            | 5.1 mm  | 50   | 1704740000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| MOFU 15/35 ZDUB     |         |      |            |
| MOFU 15/35 ZDUB     | 5 mm    | 50   | 1723660000 |

DEK 5/5 / WS 10/5

The terminal blocks are cross-connected when using the ZDB 2.5 (1677120000).

## Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Central terminals |                    |
|-------------------|--------------------|
|                   | Dark beige Wemid   |
|                   | Blue Wemid         |
|                   | Green/Yellow Wemid |
|                   | Orange Wemid       |
| Note              |                    |

## Accessories

| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
|                             | 50-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
|                             | Blue Wemid       |
|                             | Orange PA        |
| Screwdriver                 |                  |
|                             | Standard         |
| End bracket                 |                  |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZDUB 2.5-2/2AN/TS15

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.5 x 32  
30 / 4  
0.13...4

IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 24       | 20 (C)      | 25 (C)      | 21         |
| 2.5      | AWG 26...12 | AWG 26...12 | 2.5        |
| 8 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |

KEMA 97ATEX2755 U

| Rated connection      |  |
|-----------------------|--|
| 0.5...4               |  |
| 0.5...2.5 / 0.5...1.5 |  |
| 10 / 0.6 x 3.5 mm     |  |

TS 15 - block construction

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| ZDUB 2.5-2/2AN/15    | 100  | 1712750000 |
| ZDUB 2.5-2/2AN/15 BL | 100  | 1712760000 |
| ZDUB 2.5-2/2AN/15 OR | 100  | 1712770000 |

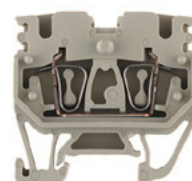
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQB 2.5-2           | 24 A    | 50   | 1677120000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| ZAP ZDUB BL         | 5 mm    | 50   | 1704760000 |
| ZAP ZDUB OR         | 5 mm    | 50   | 1704770000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

|                                                                              |
|------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                            |
| The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000). |

## ZDUB 2.5-2/4AN/TS15

2.5 mm<sup>2</sup>

Four connections



10.2 x 33.5 x 32  
30 / 4  
0.13...4

IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 550        |
| 24       | 20 (C)      | 25 (C)      | 21         |
| 2.5      | AWG 26...12 | AWG 26...12 | 2.5        |
| 8 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |

KEMA 97ATEX2755 U

| Rated connection      |  |
|-----------------------|--|
| 0.5...4               |  |
| 0.5...2.5 / 0.5...1.5 |  |
| 10 / 0.6 x 3.5 mm     |  |

TS 15 - block construction

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| ZDUB 2.5-2/4AN/15    | 100  | 1712780000 |
| ZDUB 2.5-2/4AN/15 BL | 100  | 1712790000 |
| ZDUB 2.5-2/4AN/15 OR | 100  | 1712800000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQB 2.5-2           | 24 A    | 50   | 1677120000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| ZAP ZDUB BL         | 5 mm    | 50   | 1704760000 |
| ZAP ZDUB OR         | 5 mm    | 50   | 1704770000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

|                                                                              |
|------------------------------------------------------------------------------|
| DEK 5/5 / WS 10/5                                                            |
| The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000). |

## ZPEB 2.5-2

2.5 mm<sup>2</sup>

Two connections



5.1 x 33.5 x 32  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 24       |             |             |            |
| 2.5      | AWG 26...12 | AWG 26...12 | 2.5        |
| 8 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |



KEMA 97ATEX2755 U

## Rated connection

0.5...4  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

TS 15 - block construction

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZPEB 2.5-2 | 100  | 1712810000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP ZDUB            | 5 mm    | 50   | 1704750000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

DEK 5/5 / WS 10/5

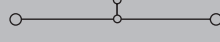
## ZDUA 2.5-2

2.5 mm<sup>2</sup>

Two connections



5.1 x 35 x 30.5  
30 / 4  
0.13...4



IEC 60947-7-1

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500      | 600 (C)     | 600 (B)     | 275        |
| 24       | 20 (C)      | 20 (B)      | 20         |
| 2.5      | AWG 22...12 | AWG 26...12 | 2.5        |
| 6 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |



KEMA 97ATEX4678 U

## Rated connection

0.5...4  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZDUA 2.5-2    | 100  | 1720920000 |
| ZDUA 2.5-2 BL | 100  | 1720930000 |
| ZDUA 2.5-2 OR | 100  | 1720940000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/50 GE      | 24 A    | 5    | 1693890000 |
| ZAP/TW ZDUA         | 1.5 mm  | 50   | 1720960000 |
| ZAP/TW ZDUA BL      | 1.5 mm  | 50   | 1720970000 |
| ZAP/TW ZDUA OR      | 1.5 mm  | 50   | 1720980000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

DEK 5/5 / WS 10/5

## ZPEA 2.5-2

2.5 mm<sup>2</sup>

Two connections



5.1 x 35 x 30.5  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 24       |             |             |            |
| 2.5      | AWG 26...12 | AWG 26...12 | 2.5        |
| 6 kV / 3 |             |             |            |
| A2 / V-0 |             |             |            |



KEMA 97ATEX4678 U

## Rated connection

0.5...4  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZPEA 2.5-2 | 100  | 1720950000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZAP/TW ZDUA         | 1.5 mm  | 50   | 1720960000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

DEK 5/5 / WS 10/5

## Mini terminals

### Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|                                                      |                 |
|------------------------------------------------------|-----------------|
| <b>Rated data</b>                                    |                 |
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| <b>Clamped conductors (H05V/H07V)</b>                |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| <b>Note</b>                                          |                 |

## Ordering data

|                          |                    |
|--------------------------|--------------------|
| <b>Central terminals</b> | Dark beige Wemid   |
|                          | Blue Wemid         |
|                          | Green/Yellow Wemid |
|                          | Orange Wemid       |
| <b>Note</b>              |                    |

## Accessories

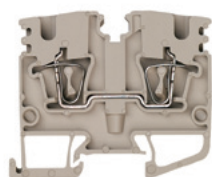
|                                    |                                                                                     |                                                  |
|------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Pluggable cross-connection</b>  |  | 2-pole<br>3-pole<br>4-pole<br>10-pole<br>50-pole |
| <b>End plate / Partition plate</b> |                                                                                     | Dark beige Wemid<br>Blue Wemid<br>Orange PA      |
| <b>Screwdriver</b>                 |                                                                                     | Standard                                         |
| <b>End bracket</b>                 |                                                                                     |                                                  |

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Identification systems</b> | (see assortment in catalogue 7) |
|                               | Marking tags                    |
| <b>Note</b>                   |                                 |

## ZDUA 2.5-2N

**2.5 mm<sup>2</sup>**

## Two connections



| 5.1 x 42.5 x 35.5                                                                                                                                                                                                                                     |             |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| <b>30 / 4</b>                                                                                                                                                                                                                                         |             |             |
| <b>0.13...4</b>                                                                                                                                                                                                                                       |             |             |
| IEC 60947-1                                                                                                                                                                                                                                           |             |             |
| IEC                                                                                                                                                                                                                                                   | UL          | CSA         |
| 800                                                                                                                                                                                                                                                   | 600 (C)     | 600 (C)     |
| 24                                                                                                                                                                                                                                                    | 20 (C)      | 20 (C)      |
| 2.5                                                                                                                                                                                                                                                   | AWG 26...12 | AWG 26...12 |
| 8 kV / 3                                                                                                                                                                                                                                              |             |             |
| A2 / V-0                                                                                                                                                                                                                                              |             |             |
|    |             |             |
| <b>Rated connection</b>                                                                                                                                                                                                                               |             |             |
| 0.5...4                                                                                                                                                                                                                                               |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                                                                                                                                                                 |             |             |
| 10 / 0.6 x 3.5 mm                                                                                                                                                                                                                                     |             |             |
| TS 15 - sliced construction                                                                                                                                                                                                                           |             |             |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZDUA 2.5-2N    | 100  | 1808200000 |
| ZDUA 2.5-2N BL | 100  | 1808180000 |
|                |      |            |
|                |      |            |

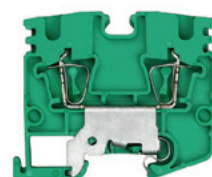
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5N/2 GE       | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE       | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE       | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE      | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/50 GE      | 24 A    | 5    | 1693890000 |
| Width               |         |      |            |
| ZAP/TW ZDUA2.5-2N   | 2.5 mm  | 50   | 1808170000 |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

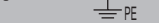
DEK 5/5 / WS 10/5

## ZPEA 2.5-2N

**2.5 mm<sup>2</sup>**

## Two connections



| 5.1 x 42.5 x 35.5                                                                                                                                                       |             |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| / 4                                                                                                                                                                     |             |             |
| 0.13...4                                                                                                                                                                |             |             |
|                                                                                      |             |             |
| IEC 60947-7-2                                                                                                                                                           |             |             |
| IEC                                                                                                                                                                     | UL          | CSA         |
| 24                                                                                                                                                                      |             |             |
| 2.5                                                                                                                                                                     | AWG 26...12 | AWG 26...12 |
|                                                                                                                                                                         | 8 kV / 3    |             |
|                                                                                                                                                                         | A2 / V-0    |             |
|   |             |             |
| <b>Rated connection</b>                                                                                                                                                 |             |             |
| 0.5...4                                                                                                                                                                 |             |             |
| 0.5...2.5 / 0.5...1.5                                                                                                                                                   |             |             |
| 10 / 0.6 x 3.5 mm                                                                                                                                                       |             |             |
| TS 15 - sliced construction                                                                                                                                             |             |             |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZPEA 2.5-2N | 100  | 1808210000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZAP/TW ZDUA2.5-2N   | 2.5 mm  | 50   | 1808170000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZEW 15              | 5 mm    | 20   | 7920340000 |

DEK 5/5 / WS 10/5



## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                            |
|---------|----------------------------|
|         | Dark beige Wemid           |
|         | Dark beige Wemid (red LED) |
|         | Orange                     |
| Note    |                            |

## Accessories

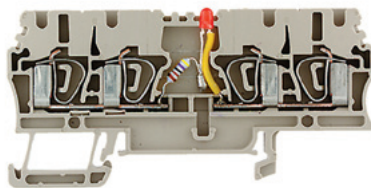
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Blue Wemid                                    |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## ZDU 2.5/2x2AN/LD+

2.5 mm<sup>2</sup>

## LED indicator



5.1 x 79.5 x 39.5  
/ 4  
0.05...4



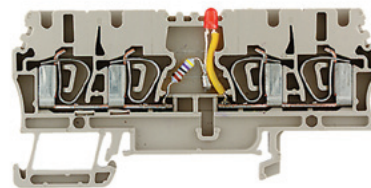
IEC 60947-7-1

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 24                  |          |     |
| 0.05                |          |     |
| 2.5                 |          |     |
|                     | 6 kV / 3 |     |
|                     | A3 / V-0 |     |
| 24 / 0.05           |          |     |
| Rated connection    |          |     |
| 0.5...4             |          |     |
| 0.5...4 / 0.5...2.5 |          |     |
| 10 / 0.6 x 3.5 mm   |          |     |

## ZDU 2.5/2x2AN/LD-

2.5 mm<sup>2</sup>

## LED indicator



5.1 x 79.5 x 39.5  
/ 4  
0.05...4



IEC 60947-7-1

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 24                  |          |     |
| 0.05                |          |     |
| 2.5                 |          |     |
|                     | 6 kV / 3 |     |
|                     | A3 / V-0 |     |
| 24 / 0.05           |          |     |
| Rated connection    |          |     |
| 0.5...4             |          |     |
| 0.5...4 / 0.5...2.5 |          |     |
| 10 / 0.6 x 3.5 mm   |          |     |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| ZDU 2.5/2X2AN/LD+ | 20   | 1692590000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |

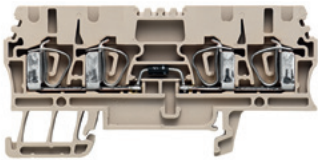
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| ZDU 2.5/2X2AN/LD- | 20   | 1692600000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
|                     |         |      |            |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | DEK 5/5 / WS 10/5               |
| Note                   |                                 |

ZDU 2.5/2x2AN/D+2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5  
/ 4  
0.5...4



IEC 60947-7-1

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 400                 |          |     |
| 1                   |          |     |
| 2.5                 |          |     |
|                     | 6 kV / 3 |     |
|                     | A3 / V-0 |     |
| 1000 / 1            |          |     |
| Rated connection    |          |     |
| 0.5...4             |          |     |
| 0.5...4 / 0.5...2.5 |          |     |
| 10 / 0.6 x 3.5 mm   |          |     |

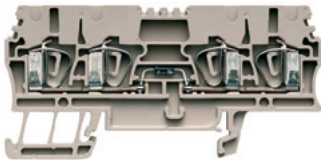
| Type                                                                  | Qty. | Order No.  |
|-----------------------------------------------------------------------|------|------------|
| ZDU 2.5/2X2AN/D+                                                      | 20   | 1650340000 |
| Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

ZDU 2.5/2x2AN/D-2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5  
/ 4  
0.5...4



IEC 60947-7-1

| IEC                 | UL       | CSA |
|---------------------|----------|-----|
| 400                 |          |     |
| 1                   |          |     |
| 2.5                 |          |     |
|                     | 6 kV / 3 |     |
|                     | A3 / V-0 |     |
| 1000 / 1            |          |     |
| Rated connection    |          |     |
| 0.5...4             |          |     |
| 0.5...4 / 0.5...2.5 |          |     |
| 10 / 0.6 x 3.5 mm   |          |     |

| Type                                                                  | Qty. | Order No.  |
|-----------------------------------------------------------------------|------|------------|
| ZDU 2.5/2X2AN/D-                                                      | 20   | 1650350000 |
| Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| Width               |         |      |            |
| ZAP/TW 3            | 2 mm    | 50   | 1608800000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 2.5/1 WS        | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0     | 5.55 mm | 1000 | 1614290000 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|



## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                            |
|---------|----------------------------|
|         | Dark beige Wemid           |
|         | Dark beige Wemid (red LED) |
|         | Orange                     |
| Note    |                            |

## Accessories

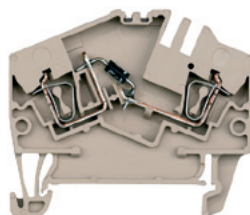
| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Blue Wemid                                    |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

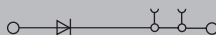
## ZDU 2.5-2/D+

2.5 mm<sup>2</sup>

## Diode circuit



5.1 x 50.5 x 44  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 600 (C)     | 600 (C)     |
| 1        | 1 (C)       | 1 (C)       |
| 2.5      | AWG 26...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |



1000 / 1

## Rated connection

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type                                                                  | Qty. | Order No.  |
|-----------------------------------------------------------------------|------|------------|
| ZDU 2.5-2/D+                                                          | 20   | 1779110000 |
|                                                                       |      |            |
| Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A. |      |            |

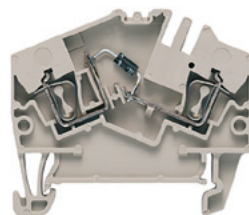
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 14/5

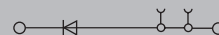
## ZDU 2.5-2/D-

2.5 mm<sup>2</sup>

## Diode circuit



5.1 x 50.5 x 44  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 600 (C)     | 600 (C)     |
| 1        | 1 (C)       | 1 (C)       |
| 2.5      | AWG 26...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |



1000 / 1

## Rated connection

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

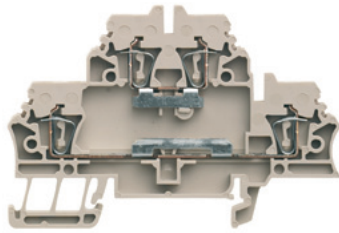
| Type                                                                  | Qty. | Order No.  |
|-----------------------------------------------------------------------|------|------------|
| ZDU 2.5-2/D-                                                          | 20   | 1779000000 |
|                                                                       |      |            |
| Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW7             | 2.5 mm  | 50   | 1706110000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
|                     |         |      |            |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

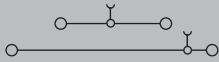
DEK 5/5 / WS 14/5

**ZDK 2.5 EM****2.5 mm<sup>2</sup>**

Double-level terminal



5.1 x 79.5 x 54  
20 / 2.5  
0.05...2.5



IEC 60947-7-1

Ex e II  II 2 G D

| IEC                                                                                                 | UL          | CSA         | EN 60079-7 |
|-----------------------------------------------------------------------------------------------------|-------------|-------------|------------|
| 500                                                                                                 | 300 (C)     | 300 (C)     | 275        |
| 20                                                                                                  | 15 (C)      | 25 (C)      | 18         |
| 2.5                                                                                                 | AWG 26...14 | AWG 26...12 | 2.5        |
| 6 kV / 3                                                                                            |             |             |            |
| A2 / V-0                                                                                            |             |             |            |
|  KEMA 97ATEX4677 U |             |             |            |

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...2.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDK 2.5 EM | 50   | 1768800000 |
| ZDK 2.5 OR | 50   | 1694140000 |

Empty electronics enclosure for do-it-yourself soldering of components.

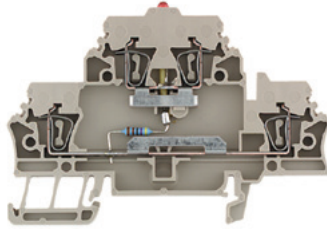
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| <b>Width</b>        |         |      |            |
| ZAP/TW ZDK2.5 BL    | 1.5 mm  | 20   | 1748800000 |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| ZTA 4               | 5.1 mm  | 25   | 1688110000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

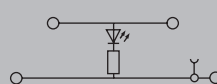
ZQV 2.5/15 (1720700000) connects two busbars, one above the other.

**ZDK 2.5/LD RT/1****2.5 mm<sup>2</sup>**

LED circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC                                                                               | UL          | CSA         |
|-----------------------------------------------------------------------------------|-------------|-------------|
| 24                                                                                |             |             |
| 10                                                                                |             |             |
| 2.5                                                                               | AWG 26...14 | AWG 26...12 |
| / 3                                                                               |             |             |
| A2 / V-0                                                                          |             |             |
|  |             |             |

24 / 0.05

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZDK 2.5/LD RT/1 | 50   | 1690010000 |

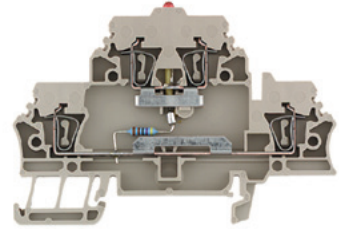
Voltage on the continuous busbar = 10 A.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| <b>Width</b>        |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

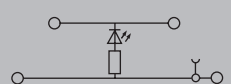
DEK 5/5 / WS 10/5

**ZDK 2.5/LD RT/2****2.5 mm<sup>2</sup>**

LED circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC                                                                                 | UL          | CSA         |
|-------------------------------------------------------------------------------------|-------------|-------------|
| 24                                                                                  |             |             |
| 10                                                                                  |             |             |
| 2.5                                                                                 | AWG 26...14 | AWG 26...12 |
| / 3                                                                                 |             |             |
| A2 / V-0                                                                            |             |             |
|  |             |             |

24 / 0.05

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZDK 2.5/LD RT/2 | 50   | 1693940000 |

Voltage on the continuous busbar = 10 A.

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| <b>Width</b>        |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

## Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version                    |  |
|----------------------------|--|
| Dark beige Wemid           |  |
| Dark beige Wemid (red LED) |  |
| Orange                     |  |
| Note                       |  |

## Accessories

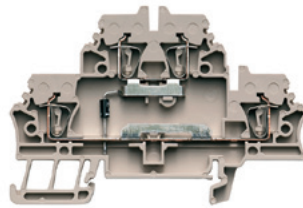
| Pluggable cross-connection                    |  |
|-----------------------------------------------|--|
| 2-pole                                        |  |
| 3-pole                                        |  |
| 4-pole                                        |  |
| 10-pole                                       |  |
| 20-/24-pole                                   |  |
| End plate / Partition plate                   |  |
| Blue Wemid                                    |  |
| Dark beige Wemid                              |  |
| End bracket                                   |  |
| Dark beige Wemid                              |  |
| Test adapter                                  |  |
| With assembly peg                             |  |
| Screwdriver                                   |  |
| Standard                                      |  |
| Reducing sleeves                              |  |
| For conductors < 0.5 mm <sup>2</sup> / AWG 20 |  |
| For conductors < 1.0 mm <sup>2</sup> / AWG 18 |  |

| Identification systems          |  |
|---------------------------------|--|
| (see assortment in catalogue 7) |  |
| Marking tags                    |  |
| Note                            |  |

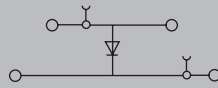
## ZDK 2.5/D/1

2.5 mm<sup>2</sup>

## Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300 (C)     | 300 (D)     |
| 10       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 26...14 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |

1000 / 1

## Rated connection

0.5...2.5  
0.5...2.5 / 0.5...1.5  
4 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------|------|------------|
| ZDK 2.5/D/1                                                                                                  | 50   | 1690020000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. |      |            |

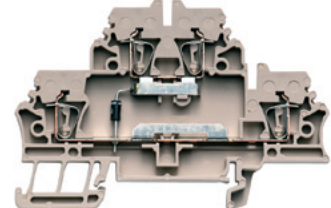
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

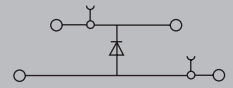
## ZDK 2.5/D/2

2.5 mm<sup>2</sup>

## Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300 (C)     | 300 (D)     |
| 10       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 26...14 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |

1000 / 1

## Rated connection

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

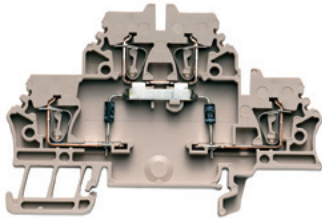
| Type                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------|------|------------|
| ZDK 2.5/D/2                                                                                                  | 50   | 1690030000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

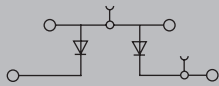
DEK 5/5 / WS 10/5

**ZDK 2.5/D/4****2.5 mm<sup>2</sup>**

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300 (C)     | 300 (D)     |
| 10       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 26...14 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

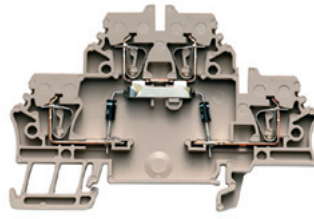
| Type                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------|------|------------|
| ZDK 2.5/D/4                                                                                                  | 50   | 1690040000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

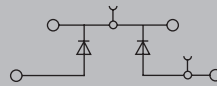
DEK 5/5 / WS 10/5

**ZDK 2.5/D/5****2.5 mm<sup>2</sup>**

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300 (C)     | 300 (D)     |
| 10       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 26...14 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

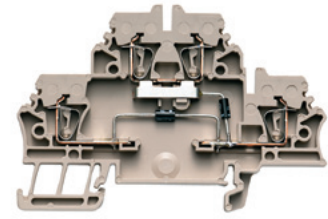
| Type                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------|------|------------|
| ZDK 2.5/D/5                                                                                                  | 50   | 1690050000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

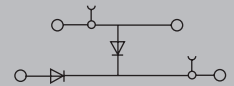
DEK 5/5 / WS 10/5

**ZDK 2.5/D/6****2.5 mm<sup>2</sup>**

Diode circuit



5.1 x 79.1 x 54  
/ 2.5  
0.05...2.5



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 300 (C)     | 300 (D)     |
| 10       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 26...14 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A2 / V-0 |             |             |



1000 / 1

**Rated connection**

0.5...2.5  
0.5...2.5 / 0.5...1.5  
10 / 0.6 x 3.5 mm

2.5 mm<sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------|------|------------|
| ZDK 2.5/D/6                                                                                                  | 50   | 1690060000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK2.5       | 1.5 mm  | 20   | 1674730000 |
| ZEW 35              | 6 mm    | 20   | 9540000000 |
| SDIS SL 0.6X3.5X100 |         |      |            |
|                     |         | 1    | 1274660000 |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

## Terminals with electronic components

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                            |
|---------|----------------------------|
|         | Dark beige Wemid           |
|         | Dark beige Wemid (red LED) |
|         | Orange                     |
| Note    |                            |

## Accessories

| Pluggable cross-connection  |                                               |
|-----------------------------|-----------------------------------------------|
|                             | 2-pole                                        |
|                             | 3-pole                                        |
|                             | 4-pole                                        |
|                             | 10-pole                                       |
|                             | 20-/24-pole                                   |
| End plate / Partition plate |                                               |
|                             | Blue Wemid                                    |
|                             | Dark beige Wemid                              |
| End bracket                 |                                               |
|                             | Dark beige Wemid                              |
| Test adapter                |                                               |
|                             | With assembly peg                             |
| Screwdriver                 |                                               |
|                             | Standard                                      |
| Reducing sleeves            |                                               |
|                             | For conductors < 0.5 mm <sup>2</sup> / AWG 20 |
|                             | For conductors < 1.0 mm <sup>2</sup> / AWG 18 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

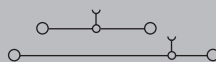
## ZDK 4-2 EL

4 mm<sup>2</sup>

## Double-level terminal



6.1 x 77.6 x 61  
32 / 6  
0.13...6



IEC 60947-7-1

| IEC      | UL          | CSA |
|----------|-------------|-----|
| 800      | 600 (C)     |     |
| 32       | 25 (C)      |     |
| 4        | AWG 26...10 |     |
| 8 kV / 3 |             |     |
| A3 / V-0 |             |     |



## Rated connection

|                   |
|-------------------|
| 0.5...6           |
| 0.5...4 / 0.5...4 |
| 10 / 0.6 x 3.5 mm |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZDK 4-2 EL | 50   | 8709760000 |
|            |      |            |
|            |      |            |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| ZQV 4/2 GE  | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE  | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE  | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE | 32 A    | 20   | 1609030000 |

| Width            |      |    |            |
|------------------|------|----|------------|
| ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 |
| ZAP/TW ZDK4-2    | 2 mm | 50 | 8670760000 |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|          |        |    |            |
|----------|--------|----|------------|
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
|----------|--------|----|------------|

|                     |  |   |            |
|---------------------|--|---|------------|
| SDIS SL 0.6X3.5X100 |  | 1 | 1274660000 |
|---------------------|--|---|------------|

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

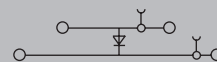
## ZDK 4-2/D forward

4 mm<sup>2</sup>

## Diode circuit



6.1 x 77.6 x 60.5  
/ 6  
0.13...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      | 600 (C)     | 600 (C)     |
| 1        | 1 (C)       | 1 (C)       |
| 4        | AWG 26...10 | AWG 26...10 |
| 8 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

|                   |
|-------------------|
| 0.5...6 / 1.5...4 |
| 0.5...4 / 0.5...4 |
| 10 / 0.6 x 3.5 mm |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| ZDK 4-2/D forward | 50   | 8670520000 |
|                   |      |            |
|                   |      |            |

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| ZQV 4/2 GE  | 32 A    | 60   | 1608950000 |
| ZQV 4/3 GE  | 32 A    | 60   | 1608960000 |
| ZQV 4/4 GE  | 32 A    | 60   | 1608970000 |
| ZQV 4/10 GE | 32 A    | 20   | 1609030000 |
| ZQV 4/20 GE | 32 A    | 20   | 1909010000 |

| Width         |      |    |            |
|---------------|------|----|------------|
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |

|        |      |    |            |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

|                     |  |   |            |
|---------------------|--|---|------------|
| SDIS SL 0.6X3.5X100 |  | 1 | 1274660000 |
|---------------------|--|---|------------|

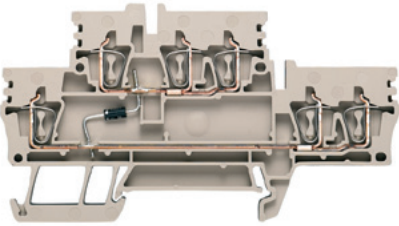
|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | DEK 5/6                         |
| Note                   |                                 |

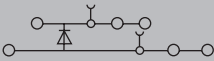
ZDK 2.5/3AN D2

4 mm<sup>2</sup>

Diode circuit



5.1 x 93 x 51.5  
/ 4  
0.05...4



| IEC 60947-7-1                                                                                                   |             |             |
|-----------------------------------------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                                                             | UL          | CSA         |
| 500                                                                                                             | 300 (C)     | 300 (C)     |
| 1                                                                                                               | 20 (C)      | 24 (C)      |
| 4                                                                                                               | AWG 30...12 | AWG 30...12 |
| 6 kV / 3                                                                                                        |             |             |
| A2 / V-0                                                                                                        |             |             |
|                                |             |             |
| 1000 / 1                                                                                                        |             |             |
| Rated connection                                                                                                |             |             |
| 0.5...4 / 1.5...2.5                                                                                             |             |             |
| 0.5...2.5 / 0.21...2.5                                                                                          |             |             |
| 10 / 0.6 x 3.5 mm                                                                                               |             |             |
| 2.5 mm <sup>2</sup> flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |             |             |

| Type                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------|------|------------|
| ZDK 2.5/3AN D2                                                                                               | 50   | 1924450000 |
|                                                                                                              |      |            |
| Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 2.5/2           | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3           | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4           | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10          | 24 A    | 20   | 1608940000 |
| ZQV 2.5/20          | 24 A    | 20   | 1908960000 |
| Width               |         |      |            |
| ZAP/TW ZDK 2.5/3AN  | 1.5 mm  | 20   | 1924910000 |
| ZEW 35/2            | 8 mm    | 20   | 8630740000 |
|                     |         |      |            |
| SDIS SL 0.6X3.5X100 |         | 1    | 1274660000 |
|                     |         |      |            |
| ZRH 1.5H/1          | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2          | 4.85 mm | 1000 | 1678800000 |

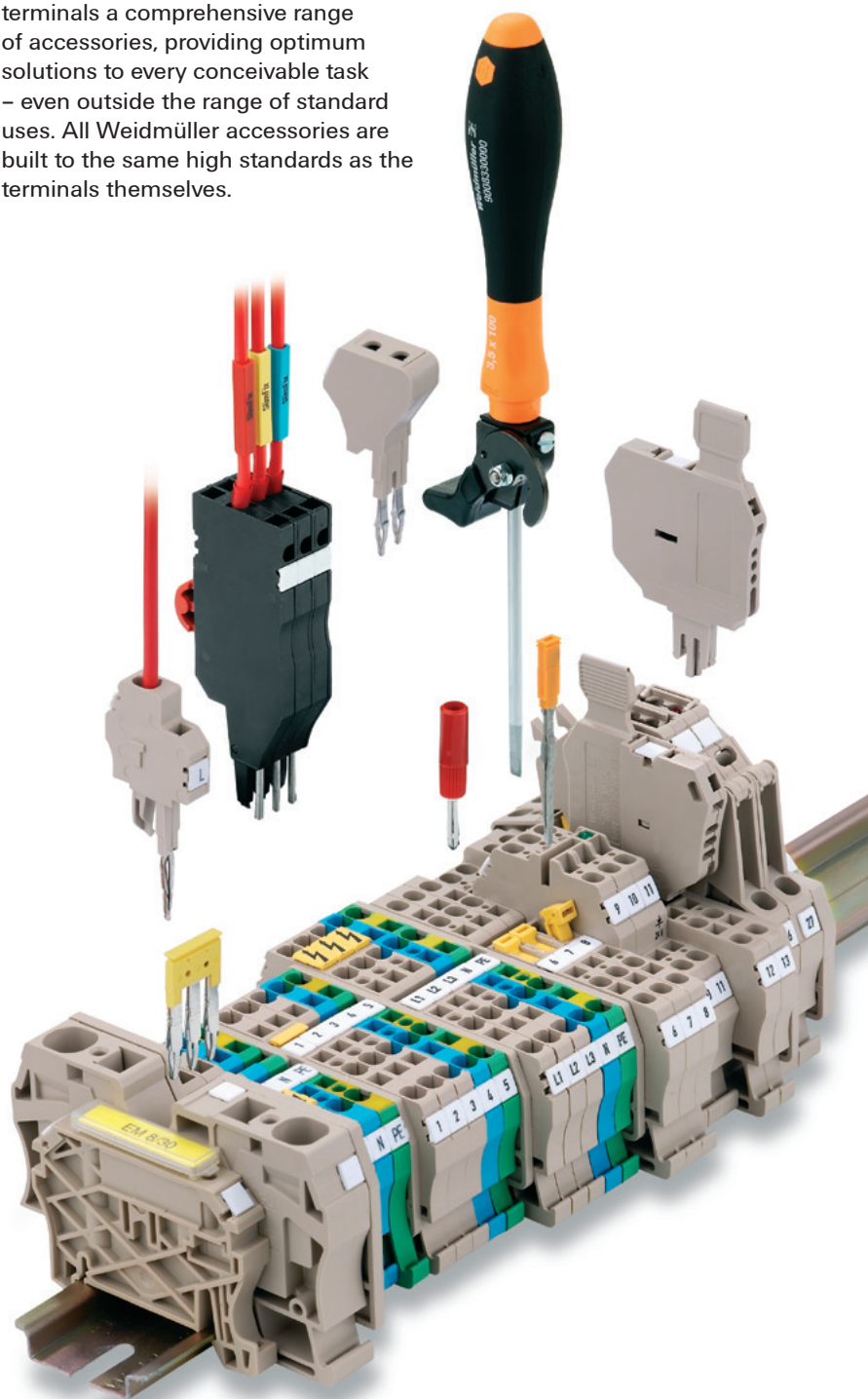
|                                                                                                                                                              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| DEK 5/5 / WS 10/5                                                                                                                                            |  |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |  |



## Extra functions

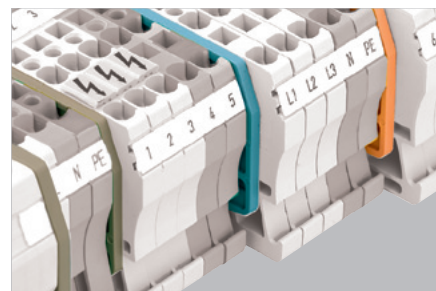
### Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard uses. All Weidmüller accessories are built to the same high standards as the terminals themselves.



### Visual separation

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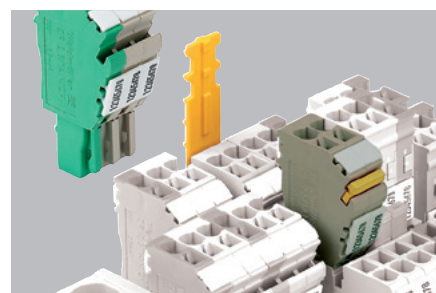


To guarantee "finger-safe" use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

### Pluggable terminals

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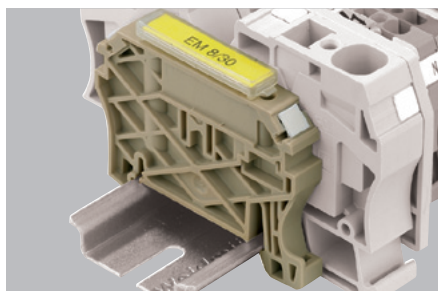
### WeiCoS

#### Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).

**Fastening**

Chapter F

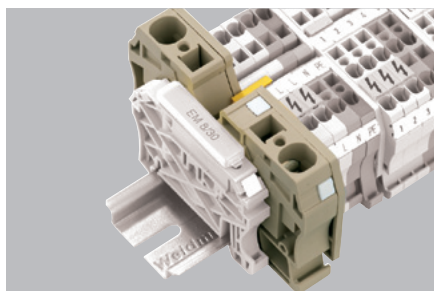


An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position.

The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

**Electrical supply**

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Weidmüller's tension clamp terminals have three supply terminals: ZEI 16 for standard terminals, ZEI 16-2/1 AN for Roof-Style terminals, ZEI 6 for ZDU 1.5. Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm<sup>2</sup> and then distributed across neighbouring terminals for 1.5 mm<sup>2</sup>, 2.5 mm<sup>2</sup>, 4 mm<sup>2</sup> and 6 mm<sup>2</sup> cross-sectional areas.

**Electrical distribution**

Page C.136

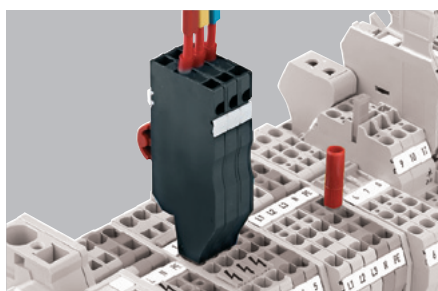


A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals.

The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be transmitted across the cross-section, depending on the rated voltage of the terminal.

**Testing / checking**

Page C.142



The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

**Identification and connecting**

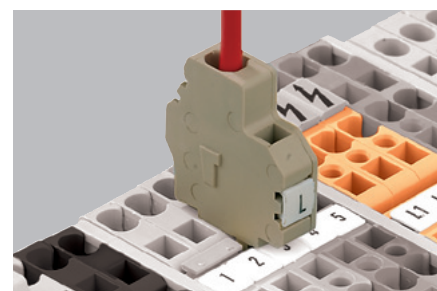
Page C.146



Weidmüller's identification systems in **chapter F** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter F**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.146.

**Specific functions/  
colour variations**

Page C.152

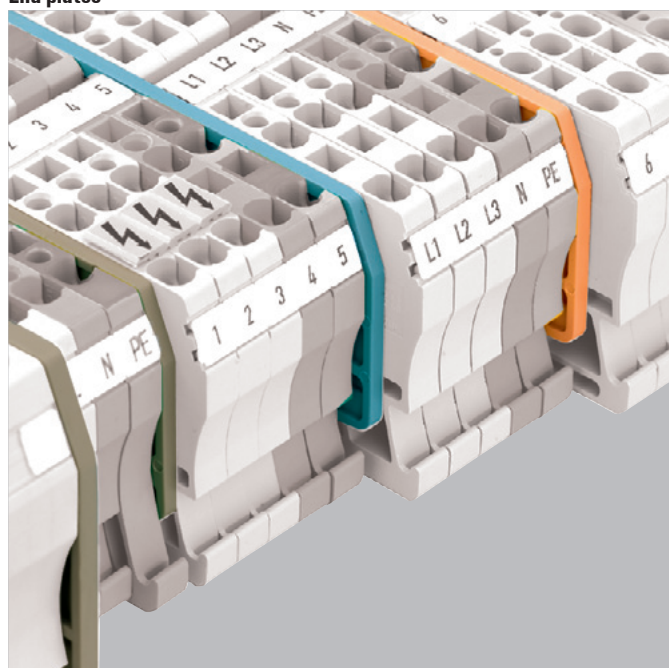


Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.
- Accessories for fuses
- Reducing sleeves



## End plates



## Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

## Optical separation

Coloured end plates are frequently used for distinguishing the circuits.

## Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

## Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

## Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

## ... for standard terminals

| Type                 | Width | 2 mm | Colour          | Qty. | Order No.  | For terminal:       |
|----------------------|-------|------|-----------------|------|------------|---------------------|
| ZAP/TW ZDU1.5/2AN    |       |      | beige           | 20   | 1776030000 | ZDU 1.5             |
| ZAP/TW ZDU1.5/2AN BL |       |      | blue            | 20   | 1776040000 | ZDU 1.5 BL          |
| ZAP/TW ZDU1.5/2AN OR |       |      | orange          | 20   | 1776050000 | ZPE 1.5             |
| <b>Width 2 mm</b>    |       |      |                 |      |            |                     |
| ZAP/TW ZDU1.5/3AN    |       |      | beige           | 20   | 1776060000 | ZDU 1.5/3 AN        |
| ZAP/TW ZDU1.5/3AN BL |       |      | blue            | 20   | 1776070000 | ZDU 1.5/3 AN/BL     |
| ZAP/TW ZDU1.5/3AN OR |       |      | orange          | 20   | 1776080000 | ZPE 1.5/3AN         |
| <b>Width 2 mm</b>    |       |      |                 |      |            |                     |
| ZAP/TW ZDU1.5/4AN    |       |      | beige           | 20   | 1776090000 | ZDU 1.5 2X2AN       |
| ZAP/TW ZDU1.5/4AN BL |       |      | blue            | 20   | 1776100000 | ZDU 1.5 2X2AN BL    |
| ZAP/TW ZDU1.5/4AN OR |       |      | orange          | 20   | 1776110000 | ZDU 1.5/4 AN        |
|                      |       |      |                 |      |            | ZDU 1.5/4 AN/BL     |
|                      |       |      |                 |      |            | ZPE 1.5/4AN         |
| <b>Width 2 mm</b>    |       |      |                 |      |            |                     |
| ZAP/TW ZDK1.5        |       |      | dark beige      | 20   | 1791160000 | ZDK 1.5             |
| ZAP/TW ZDK1.5 BL     |       |      | blue            | 20   | 1791170000 | ZDK 1.5 BL          |
|                      |       |      |                 |      |            | ZDK 1.5 PE          |
|                      |       |      |                 |      |            | ZDK 1.5DU-PE        |
|                      |       |      |                 |      |            | ZDK 1.5V            |
|                      |       |      |                 |      |            | ZDK 1.5V BL         |
| <b>Width 2 mm</b>    |       |      |                 |      |            |                     |
| ZAP/TW 1             |       |      | dark beige      | 50   | 1608740000 | ZDU 2.5             |
| ZAP/TW 1 BL          |       |      | blue/light blue | 50   | 1608750000 | ZDU 2.5 BL          |
| ZAP/TW 1 GN          |       |      | green           | 50   | 1683680000 | ZPE 2.5             |
| ZAP/TW 1 GR          |       |      | grey            | 50   | 1683710000 | ZTR 2.5             |
| ZAP/TW 1 OR          |       |      | orange          | 50   | 1608760000 | ZTR 2.5 BL          |
| ZAP/TW 1 RT          |       |      | red             | 50   | 1683660000 | ZTR 2.5/O. TNHE     |
| ZAP/TW 1 SW          |       |      | black           | 50   | 1683730000 |                     |
| <b>Width 2 mm</b>    |       |      |                 |      |            |                     |
| ZAP/TW 2 DB          |       |      | dark beige      | 50   | 1608770000 | ZDU 2.5/3AN         |
| ZAP/TW 2 BL          |       |      | blue/light blue | 50   | 1608780000 | ZDU 2.5/3AN BL      |
| ZAP/TW 2 GN          |       |      | green           | 50   | 1683760000 | ZPE 2.5/3AN         |
| ZAP/TW 2 OR          |       |      | orange          | 50   | 1608790000 |                     |
| ZAP/TW 2 RT          |       |      | red             | 50   | 1683740000 |                     |
| <b>Width 2 mm</b>    |       |      |                 |      |            |                     |
| ZAP/TW 3             |       |      | dark beige      | 50   | 1608800000 | ZDU 2.5/2X2AN       |
| ZAP/TW 3 BL          |       |      | blue/light blue | 50   | 1608810000 | ZSI 2.5             |
| ZAP/TW 3 GN          |       |      | green           | 50   | 1683840000 | ZSI 2.5/5X25        |
| ZAP/TW 3 GR          |       |      | grey            | 50   | 1683870000 | ZSI 2.5/LD 120AC    |
| ZAP/TW 3 OR          |       |      | orange          | 50   | 1608820000 | ZSI 2.5/LD 250AC    |
| ZAP/TW 3 RT          |       |      | red             | 50   | 1683820000 | ZSI 2.5/LD 28AC     |
| ZAP/TW 3 SW          |       |      | black           | 50   | 1683890000 | ZSI 2.5/LD 60AC     |
| ZAP/TW 3 WS          |       |      | white           | 50   | 1683880000 | ZTR 2.5/3AN         |
|                      |       |      |                 |      |            | ZTR 2.5/3AN BL      |
|                      |       |      |                 |      |            | ZTR 2.5/3AN/O.TNHE  |
|                      |       |      |                 |      |            | ZTR 2.5/4AN         |
|                      |       |      |                 |      |            | ZDU 2.5/2X2AN BL    |
|                      |       |      |                 |      |            | ZTR 2.5/4AN BL      |
|                      |       |      |                 |      |            | ZTR 2.5/4AN/O. TNHE |
|                      |       |      |                 |      |            | ZDU 2.5/2X2AN/D+    |
|                      |       |      |                 |      |            | ZDU 2.5/2X2AN/D-    |
|                      |       |      |                 |      |            | ZDU 2.5/2X2AN/LD+   |
|                      |       |      |                 |      |            | ZDU 2.5/2X2AN/LD-   |
|                      |       |      |                 |      |            | ZDU 2.5/4AN         |
|                      |       |      |                 |      |            | ZDU 2.5/4AN BL      |
|                      |       |      |                 |      |            | ZPE 2.5/4AN         |
| <b>Width 1.5 mm</b>  |       |      |                 |      |            |                     |
| ZAP/TW ZDK2.5        |       |      | dark beige      | 20   | 1674730000 | ZDK 2.5             |
| ZAP/TW ZDK2.5 BL     |       |      | blue/light blue | 20   | 1748800000 | ZDK 2.5/D/1         |
| ZAP/TW ZDK2.5 OR     |       |      | orange          | 20   | 1690080000 | ZDK 2.5/D/2         |
|                      |       |      |                 |      |            | ZDK 2.5/D/4         |
|                      |       |      |                 |      |            | ZDK 2.5/D/5         |
|                      |       |      |                 |      |            | ZDK 2.5/D/6         |
|                      |       |      |                 |      |            | ZDK 2.5/LD RT/1     |
|                      |       |      |                 |      |            | ZDK 2.5/LD RT/2     |
|                      |       |      |                 |      |            | ZDK 2.5V            |
|                      |       |      |                 |      |            | ZDK 2.5 BL          |
|                      |       |      |                 |      |            | ZDK 2.5 DU-PE       |
|                      |       |      |                 |      |            | ZDK 2.5 EM          |
|                      |       |      |                 |      |            | ZDK 2.5 N-DU        |
|                      |       |      |                 |      |            | ZDK 2.5 N-PE        |
|                      |       |      |                 |      |            | ZDK 2.5 OR          |
|                      |       |      |                 |      |            | ZDK 2.5 PE          |
|                      |       |      |                 |      |            | ZDK 2.5 V BL        |

## ... for standard terminals

| Type                 | Width         | Colour          | Qty. | Order No.         | For terminal:    |
|----------------------|---------------|-----------------|------|-------------------|------------------|
| ZAP/TW ZOLD2.5-2N    | 1.5 mm        | dark beige      | 20   | <b>1782340000</b> | ZOLD 2.5-2 N/BL  |
| ZAP/TW ZOLD2.5-2N BL |               | blue            | 20   | <b>1782350000</b> | ZOLD 2.5-2 VN    |
| ZAP/TW ZOLD2.5-2N OR |               | orange          | 20   | <b>1782360000</b> | ZOLD 2.5-2 VN/BL |
|                      |               |                 |      |                   | ZOLD 2.5-2 N     |
| <b>Width</b>         | <b>1.5 mm</b> |                 |      |                   |                  |
| ZAP ZMAK2.5          |               | dark beige      | 10   | <b>1768010000</b> | ZMAK 2.5         |
| <b>Width</b>         | <b>1.5 mm</b> |                 |      |                   |                  |
| AP ZDTR2.5           |               | dark beige      | 20   | <b>1745420000</b> | ZDTR 2.5         |
| AP ZDTR2.5 BL        |               | blue            | 20   | <b>1798340000</b> | ZDTR 2.5 BL      |
| <b>Width</b>         | <b>2 mm</b>   |                 |      |                   |                  |
| ZAP/TW 4 BL          |               | blue/light blue | 50   | <b>1632100000</b> | ZDU 4            |
| ZAP/TW 4             |               | dark beige      | 50   | <b>1632090000</b> | ZDU 4 BL         |
| ZAP/TW 4 GN          |               | green           | 50   | <b>1683920000</b> | ZPE 4            |
| ZAP/TW 4 OR          |               | orange          | 50   | <b>1632110000</b> |                  |
| <b>Width</b>         | <b>2 mm</b>   |                 |      |                   |                  |
| ZAP/TW 4/3AN BL      |               | blue            | 20   | <b>7904110000</b> | ZDU 4/3AN        |
| ZAP/TW 4/3AN OR      |               | orange          | 20   | <b>7904120000</b> | ZDU 4/3AN BL     |
| ZAP/TW 4/3AN         |               | dark beige      | 20   | <b>7904100000</b> | ZPE 4/3AN        |
| <b>Width</b>         | <b>2 mm</b>   |                 |      |                   |                  |
| ZAP/TW4/4AN          |               | dark beige      | 20   | <b>7904210000</b> | ZDU 4/4AN        |
| ZAP/TW4/4AN BL       |               | blue            | 20   | <b>7904220000</b> | ZDU 4/4AN BL     |
| ZAP/TW4/4AN OR       |               | orange          | 20   | <b>7904230000</b> | ZPE 4/4AN        |
| <b>Width</b>         | <b>2 mm</b>   |                 |      |                   |                  |
| ZAP/TW 5             |               | dark beige      | 50   | <b>1608830000</b> | ZDU 6            |
| ZAP/TW 5 BL          |               | blue/light blue | 50   | <b>1608840000</b> | ZDU 6 BL         |
| ZAP/TW 5 OR          |               | orange          | 50   | <b>1608850000</b> | ZPE 6            |
| <b>Width</b>         | <b>2 mm</b>   |                 |      |                   |                  |
| ZAP/TW6/3AN BL       |               | blue            | 20   | <b>7907380000</b> | ZDU 6/3AN        |
| ZAP/TW6/3AN OR       |               | orange          | 20   | <b>7907390000</b> | ZDU 6/3AN BL     |
| ZAP/TW6/3AN          |               | dark beige      | 20   | <b>7907370000</b> | ZPE 6/3AN        |
| <b>Width</b>         | <b>2.7 mm</b> |                 |      |                   |                  |
| ZAP/TW ZDU10         |               | beige           | 20   | <b>1748660000</b> | ZDU 10           |
| ZAP/TW ZDU10 BL      |               | blue/light blue | 20   | <b>1764110000</b> | ZDU 10 BL        |
|                      |               |                 |      |                   | ZPE 10           |
| <b>Width</b>         | <b>3 mm</b>   |                 |      |                   |                  |
| ZAP/TW 10/16         |               | beige           | 20   | <b>1749580000</b> | ZDU 10/3AN       |
| ZAP/TW 10/16 BL      |               | blue            | 20   | <b>1768520000</b> | ZDU 10/3AN BL    |
|                      |               |                 |      |                   | ZDU 16/3AN       |
|                      |               |                 |      |                   | ZDU 16/3AN BL    |
|                      |               |                 |      |                   | ZPE 10/3AN       |
|                      |               |                 |      |                   | ZPE 16/3AN       |
| <b>Width</b>         | <b>3 mm</b>   |                 |      |                   |                  |
| ZAP/TW ZDU16         |               | dark beige      | 20   | <b>1745150000</b> | ZDU 16           |
| ZAP/TW ZDU16 BL      |               | blue/light blue | 20   | <b>1764100000</b> | ZDU 16 BL        |
|                      |               |                 |      |                   | ZPE 16           |

## ... for roof-style terminals

| Type               | Width       | Colour          | Qty. | Order No.         | For terminal:    |
|--------------------|-------------|-----------------|------|-------------------|------------------|
| ZAP/TW7            | 2.5 mm      | dark beige      | 50   | <b>1706110000</b> | ZDU 2.5-2        |
| ZAP/TW7 BL         |             | blue/light blue | 50   | <b>1706120000</b> | ZDU 2.5-2 BL     |
| ZAP/TW7 OR         |             | orange          | 50   | <b>1706130000</b> | ZDU 2.5-2/3AN    |
|                    |             |                 |      |                   | ZDU 2.5-2/3AN BL |
|                    |             |                 |      |                   | ZDU 2.5-2/4AN    |
|                    |             |                 |      |                   | ZDU 2.5-2/4AN BL |
|                    |             |                 |      |                   | ZDU 2.5-2/D+     |
|                    |             |                 |      |                   | ZDU 2.5-2/D-     |
|                    |             |                 |      |                   | ZPE 2.5-2        |
|                    |             |                 |      |                   | ZPE 2.5-2/3AN    |
|                    |             |                 |      |                   | ZPE 2.5-2/4AN    |
|                    |             |                 |      |                   | ZTR 2.5-2        |
|                    |             |                 |      |                   | ZTR 2.5-2 BL     |
|                    |             |                 |      |                   | ZTR 2.5-2/0.TNHE |
| <b>Width</b>       | <b>2 mm</b> |                 |      |                   |                  |
| ZAP/TW ZDK2.5-2    |             | dark beige      | 20   | <b>1791050000</b> | ZDK 2.5-2        |
| ZAP/TW ZDK2.5-2 BL |             | blue            | 20   | <b>1791060000</b> | ZDK 2.5-2 BL     |
| ZAP/TW ZDK2.5-2 OR |             | orange          | 20   | <b>1791070000</b> | ZDK 2.5-2 PE     |
|                    |             |                 |      |                   | ZDK 2.5V         |
|                    |             |                 |      |                   | ZDK 2.5V BL      |

## ... for roof-style terminals

| Type              | Width         | Colour     | Qty. | Order No.         | For terminal:           |
|-------------------|---------------|------------|------|-------------------|-------------------------|
| ZAP/TW ZDKPE2.5-2 | 2 mm          | dark beige | 25   | <b>1805960000</b> | ZDKPE 2.5-2             |
|                   |               |            |      |                   | ZDKPE 2.5-2/N/L/PE      |
| <b>Width</b>      | <b>2 mm</b>   |            |      |                   |                         |
| ZAP ZDU4-2        |               | dark beige | 50   | <b>1770400000</b> | ZDU 4-2/2AN             |
| ZAP ZDU4-2 BL     |               | blue       | 50   | <b>1770880000</b> | ZDU 4-2/2AN BL          |
| ZAP ZDU4-2 OR     |               | orange     | 50   | <b>1770890000</b> | ZDU 4-2/3AN             |
|                   |               |            |      |                   | ZDU 4-2/3AN BL          |
|                   |               |            |      |                   | ZDU 4-2/3AN LSC         |
|                   |               |            |      |                   | ZPE 4-2/2AN             |
|                   |               |            |      |                   | ZPE 4-2/3AN             |
| <b>Width</b>      | <b>2 mm</b>   |            |      |                   |                         |
| ZAP ZDU4-2/4AN    |               | dark beige | 50   | <b>1807010000</b> | ZDU 4-2/4AN             |
| ZAP ZDU4-2/4AN BL |               | blue       | 50   | <b>1807020000</b> | ZDU 4-2/4AN BL          |
| ZAP ZDU4-2/4AN OR |               | orange     | 50   | <b>1807030000</b> | ZPE 4-2/4AN             |
| <b>Width</b>      | <b>2.5 mm</b> |            |      |                   |                         |
| ZAP ZDU6-2        |               | dark beige | 50   | <b>1771440000</b> | ZDU 6-2/2AN             |
| ZAP ZDU6-2 BL     |               | blue       | 50   | <b>1771450000</b> | ZSI 6-2 2X2.5/G20       |
| ZAP ZDU6-2 OR     |               | orange     | 50   | <b>1771460000</b> | ZSI 6-2 2X2.5/G20/LD1   |
| ZAP ZDU6-2 SW     |               | black      | 50   | <b>1814710000</b> | ZSI 6-2 2X2.5/G20/LD2   |
|                   |               |            |      |                   | ZSI 6-2 2X2.5/G20/LD3   |
|                   |               |            |      |                   | ZSI 6-2 2X2.5/G20/LD4   |
|                   |               |            |      |                   | ZSI 6-2/FC              |
|                   |               |            |      |                   | ZSI 6-2/FC LD           |
|                   |               |            |      |                   | ZTR 6-2                 |
|                   |               |            |      |                   | ZTR 6-2 E / 230V UC     |
|                   |               |            |      |                   | ZTR 6-2 E / 24V DC      |
|                   |               |            |      |                   | ZDU 6-2/2AN BL          |
|                   |               |            |      |                   | ZDU 6-2/3AN             |
|                   |               |            |      |                   | ZDU 6-2/3AN BL          |
|                   |               |            |      |                   | ZPE 6-2/2AN             |
|                   |               |            |      |                   | ZPE 6-2/3AN             |
|                   |               |            |      |                   | ZSI 2.5-2/2X2AN/G20     |
|                   |               |            |      |                   | ZSI 2.5-2/2X2AN/G20/LD1 |
|                   |               |            |      |                   | ZSI 2.5-2/2X2AN/G20/LD2 |
| <b>Width</b>      | <b>2.5 mm</b> |            |      |                   |                         |
| ZAP/Z...16-2/1AN  |               | dark beige | 10   | <b>1772970000</b> | ZPE 16-2/1AN            |

## ... for initiator-actuator terminals

| Type             | Width         | Colour     | Qty. | Order No.         | For terminal:    |
|------------------|---------------|------------|------|-------------------|------------------|
| ZAP/TW ZPV1.5    | 5.1 mm        | dark beige | 50   | <b>1674650000</b> | ZAP/TW ZPV1.5    |
|                  |               |            |      |                   | ZPV 1.5          |
| <b>Width</b>     | <b>5.1 mm</b> |            |      |                   |                  |
| ZAP/TW ZIA1.5/3L |               | beige      |      | <b>1649540000</b> | ZIA 1.5/3L-1S    |
|                  |               |            |      |                   | ZIA 1.5/3L-1S/LD |
|                  |               |            |      |                   | ZIA 1.5/3L-PE    |
| <b>Width</b>     | <b>5.1 mm</b> |            |      |                   |                  |
| ZAP/TW ZIA1.5/4L |               | beige      |      | <b>1649550000</b> | ZIA 1.5/4L-1S    |
|                  |               |            |      |                   | ZIA 1.5/4L-1S/LD |
|                  |               |            |      |                   | ZIA 1.5/4L-PE    |
| <b>Width</b>     | <b>5 mm</b>   |            |      |                   |                  |
| AP ZRV1.5 DB     |               | dark beige | 10   | <b>1698180000</b> |                  |

## Accessories Z-Series – Optical separation

## ... for installations terminals

| Type              | Width | 2 mm | Colour     | Qty. | Order No.         | For terminal:                                                                                                                        |
|-------------------|-------|------|------------|------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| ZAP ZDU10/16S     |       |      | dark beige | 20   | <b>1739660000</b> | ZDU 10/NT<br>ZDU 10S<br>ZDU 10S BL<br>ZDU 16S<br>ZDU 16S BL<br>ZNT 10S<br>ZNT 16S<br>ZPE 10S<br>ZPE 16S                              |
|                   |       |      |            |      |                   |                                                                                                                                      |
| <b>Width 2 mm</b> |       |      |            |      |                   |                                                                                                                                      |
| ZAP ZDU 2.5 S     |       |      | dark beige | 20   | <b>1808030000</b> | ZDU 2.5 S                                                                                                                            |
| ZAP ZDU 2.5 S BL  |       |      | blue       | 20   | <b>1808040000</b> | ZDU 2.5 S BL                                                                                                                         |
| ZAP ZDU 2.5 S OR  |       |      | orange     | 20   | <b>1808050000</b> | ZNT 2.5 S<br>ZPE 2.5 S                                                                                                               |
|                   |       |      |            |      |                   |                                                                                                                                      |
| <b>Width 2 mm</b> |       |      |            |      |                   |                                                                                                                                      |
| ZAP ZDU 4 S       |       |      | dark beige | 20   | <b>1808380000</b> | ZDU 4 S                                                                                                                              |
| ZAP ZDU 4 S BL    |       |      | blue       | 20   | <b>1808390000</b> | ZDU 4 S BL<br>ZNT 4 S<br>ZPE 4 S                                                                                                     |
|                   |       |      |            |      |                   |                                                                                                                                      |
| <b>Width 2 mm</b> |       |      |            |      |                   |                                                                                                                                      |
| ZAP ZDU 6 S       |       |      | dark beige | 20   | <b>1808250000</b> | ZDU 6 S                                                                                                                              |
| ZAP ZDU 6 S BL    |       |      | blue       | 20   | <b>1808260000</b> | ZDU 6 S BL<br>ZNT 6 S<br>ZPE 6 S                                                                                                     |
|                   |       |      |            |      |                   |                                                                                                                                      |
| <b>Width 3 mm</b> |       |      |            |      |                   |                                                                                                                                      |
| ZHP S             |       |      | blue       | 20   | <b>1808290000</b> | ZDU 2.5 S                                                                                                                            |
| ZHP S SO          |       |      | blue       | 20   | <b>1808280000</b> | ZPE 2.5 S<br>ZPE 4 S<br>ZPE 6 S<br>ZDU 2.5 S BL<br>ZDU 4 S<br>ZDU 4 S BL<br>ZDU 6 S<br>ZDU 6 S BL<br>ZNT 2.5 S<br>ZNT 4 S<br>ZNT 6 S |

## ... for mini-terminals

| Type                | Width | 1.5 mm | Colour          | Qty. | Order No.         | For terminal:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|-------|--------|-----------------|------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ZAP/TW ZDUA         |       |        | dark beige      | 50   | <b>1720960000</b> | ZDUA 2.5-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ZAP/TW ZDUA BL      |       |        | blue/light blue | 50   | <b>1720970000</b> | ZDUA 2.5-2 BL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ZAP/TW ZDUA OR      |       |        | orange          | 50   | <b>1720980000</b> | ZPEA 2.5-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Width 2.5 mm</b> |       |        |                 |      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ZAP/TW ZDUA2.5-2N   |       |        | dark beige      | 50   | <b>1808170000</b> | ZDUA 2.5-2N<br>ZDUA 2.5-2N BL<br>ZPEA 2.5-2N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                     |       |        |                 |      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Width 5 mm</b>   |       |        |                 |      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ZAP ZDUB            |       |        | dark beige      | 50   | <b>1704750000</b> | ZDUB 2.5-2/2AN/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ZAP ZDUB BL         |       |        | blue/light blue | 50   | <b>1704760000</b> | ZDUB 2.5-2/2AN/RC BL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ZAP ZDUB OR         |       |        | orange          | 50   | <b>1704770000</b> | ZDUB 2.5-2/2AN/RC GE<br>ZDUB 2.5-2/2AN/RC OR<br>ZDUB 2.5-2/4AN/15<br>ZDUB 2.5-2/4AN/15 BL<br>ZDUB 2.5-2/4AN/DB<br>ZDUB 2.5-2/4AN/DB BL<br>ZDUB 2.5-2/4AN/DB GE<br>ZDUB 2.5-2/4AN/DM<br>ZDUB 2.5-2/4AN/DM BL<br>ZDUB 2.5-2/2AN/15 BL<br>ZDUB 2.5-2/4AN/DM GE<br>ZDUB 2.5-2/4AN/RC<br>ZDUB 2.5-2/4AN/RC/BL<br>ZDUB 2.5-2/4AN/RC/GE<br>ZPEB 2.5-2/2AN<br>ZDUB 2.5-2/2AN/DB<br>ZDUB 2.5-2/2AN/DB BL<br>ZDUB 2.5-2/2AN/DB GE<br>ZDUB 2.5-2/2AN/DM<br>ZDUB 2.5-2/2AN/DM BL<br>ZDUB 2.5-2/2AN/DM GE<br>ZDUB 2.5-2/2AN/RC                                              |
|                     |       |        |                 |      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Width 5 mm</b>   |       |        |                 |      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ZTW ZDUB            |       |        | dark beige      | 50   | <b>1704340000</b> | ZDUB 2.5-2/2AN/15<br>ZDUB 2.5-2/2AN/RC BL<br>ZDUB 2.5-2/2AN/RC GE<br>ZDUB 2.5-2/2AN/RC OR<br>ZDUB 2.5-2/4AN/15<br>ZDUB 2.5-2/4AN/15 BL<br>ZDUB 2.5-2/4AN/DB<br>ZDUB 2.5-2/4AN/DB BL<br>ZDUB 2.5-2/4AN/DB GE<br>ZDUB 2.5-2/4AN/DM<br>ZDUB 2.5-2/4AN/DM BL<br>ZDUB 2.5-2/2AN/15 BL<br>ZDUB 2.5-2/4AN/DM GE<br>ZDUB 2.5-2/4AN/RC<br>ZDUB 2.5-2/4AN/RC/BL<br>ZDUB 2.5-2/4AN/RC/GE<br>ZPEB 2.5-2/2AN<br>ZDUB 2.5-2/2AN/DB<br>ZDUB 2.5-2/2AN/DB BL<br>ZDUB 2.5-2/2AN/DB GE<br>ZDUB 2.5-2/2AN/DM<br>ZDUB 2.5-2/2AN/DM BL<br>ZDUB 2.5-2/2AN/DM GE<br>ZDUB 2.5-2/2AN/RC |

## ... for WeiCoS pluggable terminals

| Type                  | Colour     | Qty. | Order No.         | For terminal:                                                      |
|-----------------------|------------|------|-------------------|--------------------------------------------------------------------|
| <b>Width 2.5 mm</b>   |            |      |                   |                                                                    |
| ZAP/TW ZT2.5/2AN      | dark beige | 50   | <b>1816030000</b> | ZT 2.5/2AN/1                                                       |
| ZAP/TW ZT2.5/2AN OR   | orange     | 50   | <b>1816040000</b> | ZTPE 2.5/2AN/1                                                     |
| <b>Width 2.5 mm</b>   |            |      |                   |                                                                    |
| ZAP/TW ZT2.5/3AN      | dark beige | 50   | <b>1816050000</b> | ZT 2.5/3AN/1<br>ZTPE 2.5/3AN/1                                     |
| <b>Width 2.5 mm</b>   |            |      |                   |                                                                    |
| ZAP/TW ZT2.5/4AN/2    | dark beige | 50   | <b>1816070000</b> | ZT 2.5/4AN/2                                                       |
| ZAP/TW ZT2.5/4AN/2 OR | orange     | 50   | <b>1816080000</b> | ZTPE 2.5/4AN/2                                                     |
| <b>Width 2.5 mm</b>   |            |      |                   |                                                                    |
| ZAP/TW ZT2.5/4AN/4    | dark beige | 50   | <b>1816090000</b> | ZT 2.5/4AN/4<br>ZTC 2.5/4AN/4<br>ZTCPE 2.5/4AN/4<br>ZTPE 2.5/4AN/4 |
| <b>Width 2.5 mm</b>   |            |      |                   |                                                                    |
| ZAP/TW ZDT2.5/2       | dark beige | 50   | <b>1816110000</b> | ZDT 2.5/2<br>ZDT 2.5/2 DU-PE<br>ZDT 2.5/2 PE                       |
| <b>Width</b>          |            |      |                   |                                                                    |
| ZAP/TW ZTTR2.5        | dark beige | 50   | <b>1865520000</b> | ZTTR 2.5<br>ZTTR 2.5/O. TNHE                                       |

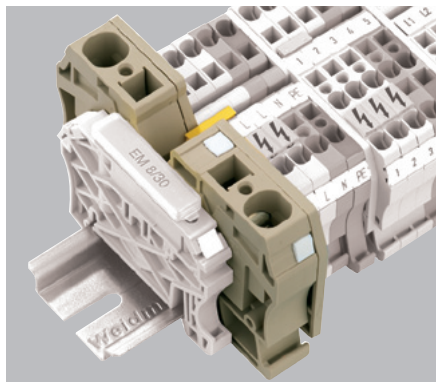
## ... for double- / multi-layer terminal blocks

| Type                | Colour     | Qty. | Order No.         | For terminal: |
|---------------------|------------|------|-------------------|---------------|
| <b>Width 1.5 mm</b> |            |      |                   |               |
| ZAP ZVLD 2.5        | dark beige | 10   | <b>1210410000</b> | ZVLD 2.5      |

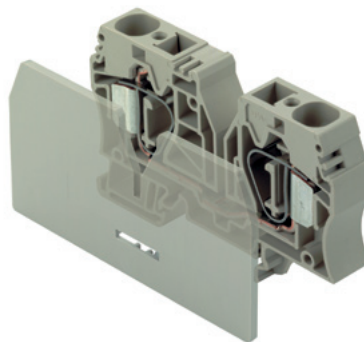
## ... for custom applications

| Type                | Colour     | Qty. | Order No.         | For terminal:                                                                                           |
|---------------------|------------|------|-------------------|---------------------------------------------------------------------------------------------------------|
| <b>Width 2 mm</b>   |            |      |                   |                                                                                                         |
| ZTW ZTL6            | dark beige | 20   | <b>1771870000</b> | ZTD 6                                                                                                   |
| ZTW ZTL6 OR         | orange     | 20   | <b>1771880000</b> | ZTD 6/STB<br>ZTL 6<br>ZTL 6/STB                                                                         |
| <b>Width 1.5 mm</b> |            |      |                   |                                                                                                         |
| ZAP ZDU4/NT         | dark beige | 20   | <b>1757970000</b> | ZDU 4/NT<br>ZDU 4/NT DB                                                                                 |
| <b>Width 2.5 mm</b> |            |      |                   |                                                                                                         |
| ZAP ZDU10/16S       | dark beige | 20   | <b>1739660000</b> | ZDU 10/NT<br>ZDU 10S<br>ZDU 10S BL<br>ZDU 16S<br>ZDU 16S BL<br>ZNT 10S<br>ZNT 16S<br>ZPE 10S<br>ZPE 16S |

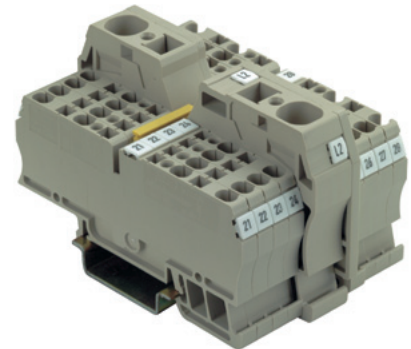
## ZEI 16 supply terminal



## Integrated partition plate



## Output possible on left and right



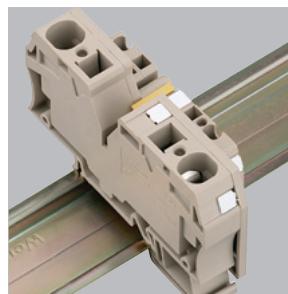
The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm<sup>2</sup>. Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

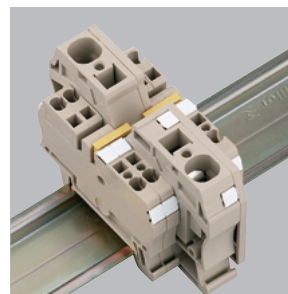
### Output options and corresponding cross-connections

| Feed terminal | Output terminal | Cross-connection | Supply left | Supply right |
|---------------|-----------------|------------------|-------------|--------------|
| ZEI 16        | ZDU 2.5         | ZQV 2.5/...      | •           | •            |
|               | ZDU 2.5/4AN     | ZQV 2.5/...      | •           | •            |
|               | ZDU 2.5N        | ZQV 2.5/...      | •           | •            |
|               | ZDU 2.5N/3AN    | ZQV 2.5/...      | •           | •            |
|               | ZDU 2.5N/4AN    | ZQV 2.5/...      | •           | •            |
|               | ZDU 4           | ZQV 4/...        | •           | •            |
|               | ZDU 4/3AN       | ZQV 4/...        | •           | • 1)         |
|               | ZDU 4/4AN       | ZQV 4/...        | •           | • 1)         |
|               | ZDU 6           | ZQV 6/...        | •           | •            |
|               | ZDU 6/3AN       | ZQV 6/...        | •           | • 1)         |
|               | ZTR 2.5         | ZQV 2.5/...      | • 2)        | • 2)         |
|               | ZTR 2.5/3AN     | ZQV 2.5/...      | • 2)        | • 2)         |
|               | ZTR 2.5/4AN     | ZQV 2.5/...      | •           | •            |
| Feed terminal | Output terminal | Cross-connection | Supply left | Supply right |
| ZEI 6         | ZDU 1.5         | ZQV 1.5/...      | •           | •            |
|               | ZDU 1.5/3AN     | ZQV 1.5/...      | •           | •            |
|               | ZDU 1.5/4AN     | ZQV 1.5/...      | •           | •            |

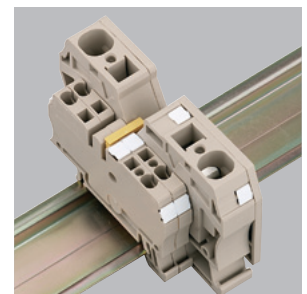
1) with IEPL 2) with QVAR



$$I_{\max} = \sum I_n \text{ (links)}$$



$$I_{\max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{\max} = \sum I_n \text{ (right)}$$

### Ordering data

| Type      | Colour     | Qty. | Order No.  |
|-----------|------------|------|------------|
| ZEI 16    | dark beige | 20   | 1745350000 |
| ZEI 16 BL | blue       | 20   | 1766240000 |
| IEPL      | dark beige | 20   | 1859570000 |
| QVAR      | dark beige | 20   | 1836370000 |

### Maximum current flow $I_{\max}$ only with ZEI 16

| Feed terminal | Cross-connection | Supply conductor cross-section area | Supply left or right | Supply middle |
|---------------|------------------|-------------------------------------|----------------------|---------------|
| ZDU 2.5       | ZQV 2.5          | 16 mm <sup>2</sup>                  | 48 A                 | 76 A          |
|               |                  | 25 mm <sup>2</sup>                  | 48 A                 | 89 A          |
| ZDU 2.5/4AN   | ZQV 2.5          | 16 mm <sup>2</sup>                  | 48 A                 | 76 A          |
|               |                  | 25 mm <sup>2</sup>                  | 48 A                 | 89 A          |
| ZDU 4         | ZQV 4            | 16 mm <sup>2</sup>                  | 64 A                 | 76 A          |
|               |                  | 25 mm <sup>2</sup>                  | 66 A                 | 100 A         |
| ZDU 6         | ZQV 6            | 16 mm <sup>2</sup>                  | 76 A                 | 76 A          |
|               |                  | 25 mm <sup>2</sup>                  | 82 A                 | 100 A         |

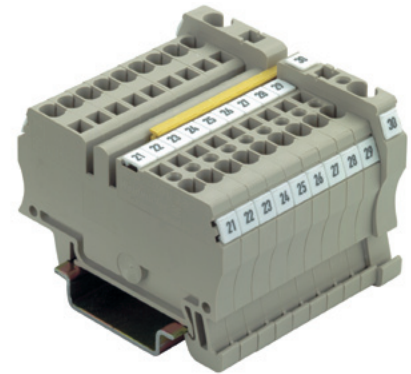
### Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it "short-circuit proof".

### Supply on the left



### Supply on the right



### Supply options and corresponding cross-connections

| <div>Output terminals</div> <div>Supply terminals</div> |  | on the right |             |             |          |              |              |       |           |           |  |         |             |             |
|---------------------------------------------------------|--|--------------|-------------|-------------|----------|--------------|--------------|-------|-----------|-----------|--|---------|-------------|-------------|
|                                                         |  | ZDU 2.5      | ZDU 2.5/3AN | ZDU 2.5/4AN | ZDU 2.5N | ZDU 2.5N/3AN | ZDU 2.5N/4AN | ZDU 4 | ZDU 4/3AN | ZDU 4/4AN |  | ZTR 2.5 | ZTR 2.5/3AN | ZTR 2.5/4AN |
| on the left                                             |  |              |             |             |          |              |              |       |           |           |  |         |             |             |
| ZDU 4                                                   |  | •            | • 2)        | •           | •        | • 2)         | •            | •     | •         | •         |  | • 2)    | • 2)        | •           |
| ZDU 4/3AN                                               |  | • 1)         | • 2)        | • 1)        | • 1)     | • 2)         | • 1)         |       | •         |           |  | • 2)    | • 2)        | •           |
| ZDU 4/4AN                                               |  | • 1)         | • 2)        | • 1)        | • 1)     | • 2)         | • 1)         |       |           | •         |  | • 2)    | • 2)        | • 1)        |
|                                                         |  |              |             |             |          |              |              |       |           |           |  |         |             |             |
| ZDU 6                                                   |  | • 3)         | • 2)        | •           | •        | • 2)         | •            | •     | •         | •         |  | • 2)    | • 2)        | •           |
| ZDU 6/3AN                                               |  | • 1)         |             | • 1)        | • 1)     |              | • 1)         |       |           |           |  |         |             | • 1)        |
| <div>Output terminals</div> <div>Supply terminals</div> |  | on the left  |             |             |          |              |              |       |           |           |  |         |             |             |
|                                                         |  | ZDU 2.5      | ZDU 2.5/3AN | ZDU 2.5/4AN | ZDU 2.5N | ZDU 2.5N/3AN | ZDU 2.5N/4AN | ZDU 4 | ZDU 4/3AN | ZDU 4/4AN |  | ZTR 2.5 | ZTR 2.5/3AN | ZTR 2.5/4AN |
| on the right                                            |  |              |             |             |          |              |              |       |           |           |  |         |             |             |
| ZDU 4                                                   |  | •            | • 2)        | • 1)        | •        | • 2)         | • 1)         | •     |           |           |  | • 2)    | • 2)        | • 1)        |
| ZDU 4 / 3 AN                                            |  | •            | • 2)        | • 1)        | •        | • 2)         | • 1)         | •     | •         |           |  | • 2)    | • 2)        | • 1)        |
| ZDU 4 / 4 AN                                            |  | •            | • 2)        | • 1)        | •        | • 2)         | • 1)         | •     | •         | •         |  | • 2)    | • 2)        | • 1)        |
|                                                         |  |              |             |             |          |              |              |       |           |           |  |         |             |             |
| ZDU 6                                                   |  | • 3)         | • 2)        | • 1)        | •        | • 2)         | • 1)         | •     |           |           |  | • 2)    | • 2)        | • 1)        |
| ZDU 6 / 3 AN                                            |  | •            | • 2)        | • 1)        | •        | • 2)         | • 1)         | •     | •         |           |  | • 2)    | • 2)        | •           |

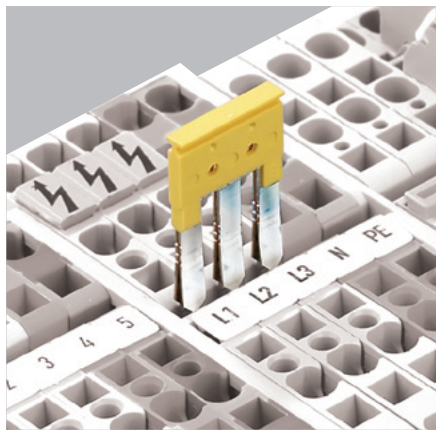
1) with IEPL 2) with QVAR

3) Maximum current value at the smallest cross-section:

- ZDU 6 with ZDU 2.5/3 to ZDU 2.5: 55 A
- ZDU 6 with ZDU 2.5/4 to ZDU 2.5: 57 A



### Pluggable Cross-Connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV 2.5N/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-pole)
- **ZQV 10, ZQV 16 and ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16 and ZQV 16-10** used as a reducer cross-connector distributes current from terminals with larger cross-connections to terminals with smaller cross-section.

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

### Breaking out contact elements

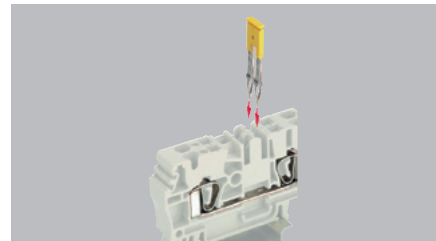
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.



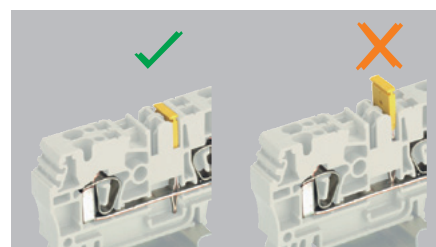
### Fitting and changing crossconnections

The fitting and changing of cross-connections is a trouble-free and fast operation:

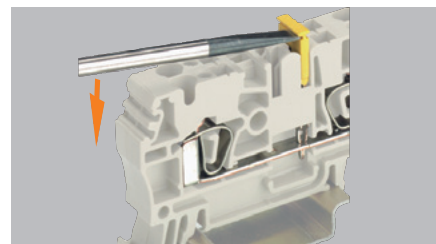
- Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

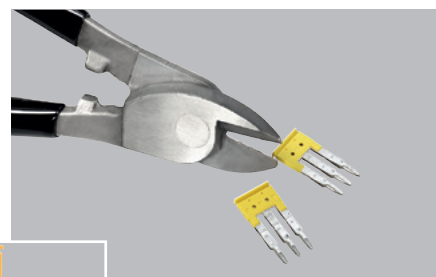


- Remove a cross-connection by simply prising it out with a screwdriver.



### Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



### Caution:

Contact elements must not be deformed!



If the user shortens the cross-connections it is necessary to use isolating or end plates (ZAP/TW...) with the terminals in order to maintain the rated voltage of 250 V. (On the bare, cut edges of the cross-connector.)

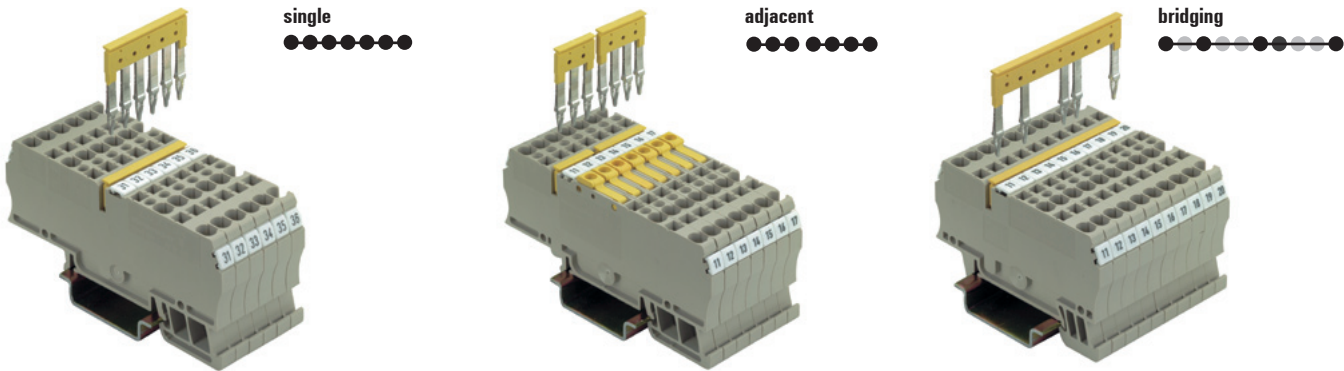






Possible combinations

In one cross-connection channel



In two cross-connection channels

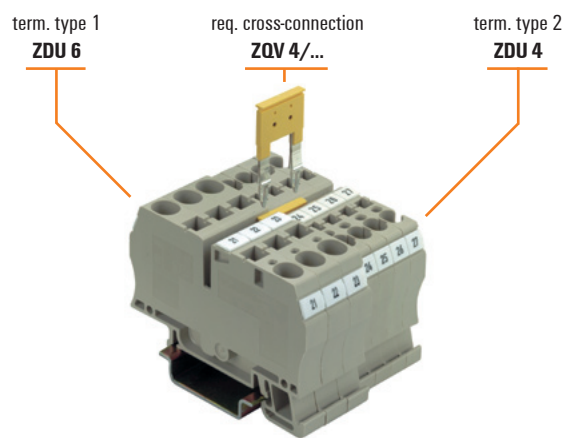
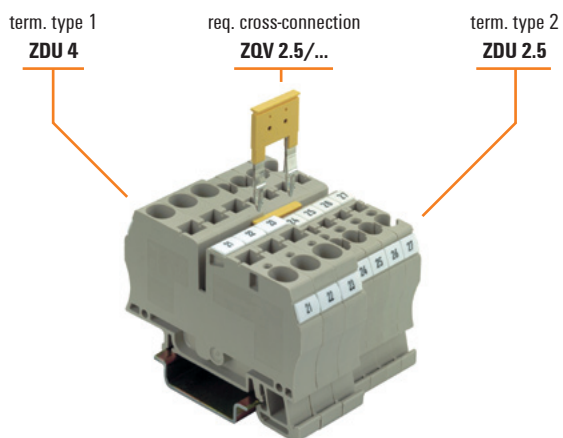


Possible cross-connections of terminals of the same type with corresponding cross-connections

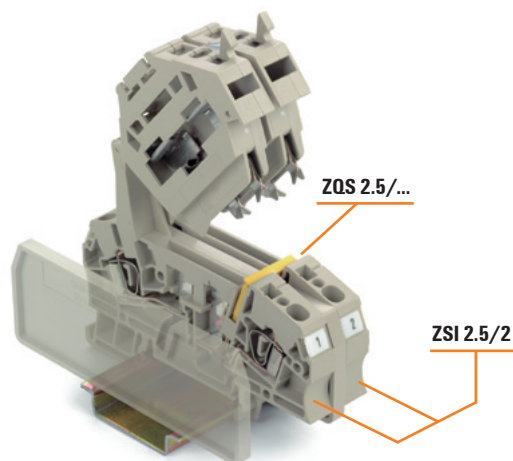
| Terminal type          | Querverbindung | single | adjacent | bridging | Kettenbrücke | parallel bridging | parallel lengthening |
|------------------------|----------------|--------|----------|----------|--------------|-------------------|----------------------|
| Standard terminals     |                |        |          |          |              |                   |                      |
| ZDU 2.5                | ZQV 2.5/...    | •      | •        | •        | •            | •                 | •                    |
| ZDU 2.5 / 3 AN         | ZQV 2.5/...    | •      | •        | •        |              |                   |                      |
| ZDU 2.5 / 4 AN         | ZQV 2.5/...    | •      | •        | •        |              |                   |                      |
| ZDU 2.5N               | ZQV 2.5/...    | •      | •        | •        | •            | •                 | •                    |
| ZDU 2.5N / 3 AN        | ZQV 2.5/...    | •      | •        | •        |              |                   |                      |
| ZDU 2.5N / 4 AN        | ZQV 2.5/...    | •      | •        | •        |              |                   |                      |
| ZTR 2.5 ...            | ZQV 2.5/...    | •      | •        | •        |              |                   |                      |
| ZSI 2.5 ...            | ZQV 2.5/...    | •      | •        | •        |              |                   |                      |
| ZDU 4 ...              | ZQV 4/...      | •      | •        | •        |              |                   |                      |
| ZDU 6 ...              | ZQV 6/...      | •      | •        | •        |              |                   |                      |
| ZDU 10, ZDU 16, ZDU 35 | ZQV 10/2       | •      |          |          | •            |                   |                      |
| ZPE 2.5                | ZQV 2.5/...    |        |          | •        |              | •                 | •                    |
| ZPE 4                  | ZQV 4/...      |        |          | •        |              |                   |                      |
| ZPE 6                  | ZQV 6/...      |        |          | •        |              |                   |                      |
| ZPE 10, ZPE 16, ZPE 35 | ZQV 10         | •      |          |          | •            |                   |                      |
| Roof-Style terminals   |                |        |          |          |              |                   |                      |
| ZDU 2.5-2              | ZQV 2.5/...    | •      | •        | •        | •            | •                 | •                    |
| ZDU 2.5-2 / 3 AN       | ZQV 2.5/...    | •      | •        | •        | •            | •                 | •                    |
| ZDU 4-2/...            | ZQV 4/...      | •      | •        | •        | •            | •                 | •                    |
| ZDU 6-2/...            | ZQV 6/...      | •      | •        | •        |              |                   |                      |
| ZPE 2.5-2              | ZQV 2.5/...    |        |          | •        |              | •                 |                      |
| ZPE 2.5-2 / 3 AN       | ZQV 42.5/...   |        |          | •        |              | •                 |                      |
| ZPE 4-2/...            | ZQV 4/...      |        |          | •        |              | •                 |                      |
| ZPE 6-2/...            | ZQV 6/...      |        |          | •        |              |                   |                      |

## Alternative cross-connections available

## Terminals with different rated cross-section



## Fuse terminals with same rated cross-section



It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

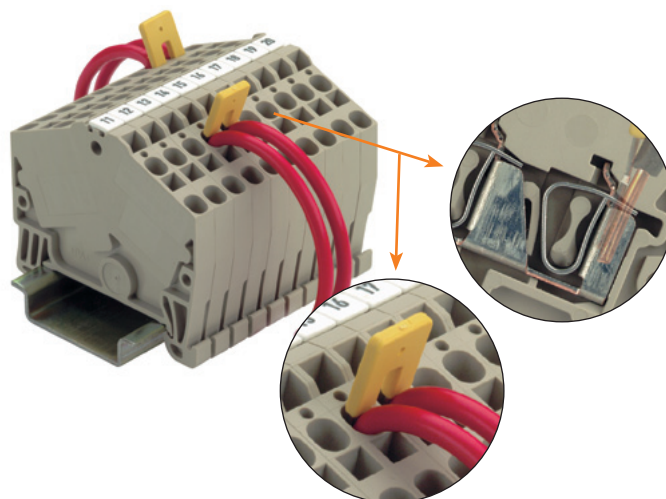


## Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross-connection channels, use the ZQB 2.5 cross-connection bridge to provide a simple cross-connection solution.

The illustration shows how to fit **ZQB 2.5** correctly.

Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.  
The conductor cross-sections is reduced to 1.5 mm<sup>2</sup> "e" and "f" as a result of using ZQB 2.5.



Cross-connections  
according to dimensions

## ZQV 1.5



| Technical data    |   |
|-------------------|---|
| Current / Current | A |
| Ordering data     |   |
| 2-pole            |   |
| 3-pole            |   |
| 4-pole            |   |
| 5-pole            |   |
| 6-pole            |   |
| 7-pole            |   |
| 8-pole            |   |
| 9-pole            |   |
| 10-pole           |   |
| 20-pole           |   |
| 32-pole           |   |

| 17.5 / 17.5 |      |            |
|-------------|------|------------|
| Type        | Qty. | Order No.  |
| ZQV 1.5/2   | 60   | 1776120000 |
| ZQV 1.5/3   | 60   | 1776130000 |
| ZQV 1.5/4   | 60   | 1776140000 |
| ZQV 1.5/5   | 20   | 1776150000 |
|             |      |            |
|             |      |            |
|             |      |            |
|             |      |            |
|             |      |            |
| ZQV 1.5/10  | 20   | 1776200000 |
|             |      |            |

## For terminal:

ZDU 1.5 ...  
ZDK 1.5 ...  
ZEI 6

## ZQV 2.5



| 24 / 24    |      |            |
|------------|------|------------|
| Type       | Qty. | Order No.  |
| ZQV 2.5/2  | 60   | 1608860000 |
| ZQV 2.5/3  | 60   | 1608870000 |
| ZQV 2.5/4  | 60   | 1608880000 |
| ZQV 2.5/5  | 20   | 1608890000 |
| ZQV 2.5/6  | 20   | 1608900000 |
| ZQV 2.5/7  | 20   | 1608910000 |
| ZQV 2.5/8  | 20   | 1608920000 |
| ZQV 2.5/9  | 20   | 1608930000 |
| ZQV 2.5/10 | 20   | 1608940000 |
| ZQV 2.5/20 | 20   | 1908960000 |

## For terminal:

ZDU 2.5 ... ZDK 2.5-2  
ZDK 2.5 ... ZTR 2.5-2 ...  
ZTR 2.5 ... ZDL 2.5-2 ...  
ZDTR 2.5 ZDKPE 2.5-2  
ZTSI 2.5 ... ZDU 2.5N ...  
ZRV 2.5 ... ZNT 2.5/3AN ...  
ZIA 2.5 ... ZEI 16-2/1 AN  
ZEI 16 ZDU 2.5 S  
ZDU 2.5-2 ... ZTN 2.5 S

## ZQV 4



| 32 / 32     |      |            |
|-------------|------|------------|
| Type        | Qty. | Order No.  |
| ZQV 4/2 GE  | 60   | 1608950000 |
| ZQV 4/3 GE  | 60   | 1608960000 |
| ZQV 4/4 GE  | 60   | 1608970000 |
| ZQV 4/5 GE  | 20   | 1608980000 |
| ZQV 4/6 GE  | 20   | 1608990000 |
| ZQV 4/7 GE  | 20   | 1609000000 |
| ZQV 4/8 GE  | 20   | 1609010000 |
| ZQV 4/9 GE  | 20   | 1609020000 |
| ZQV 4/10 GE | 20   | 1609030000 |
| ZQV 4/20 GE | 20   | 1909010000 |

## For terminal:

ZDU 4 ... ZDU 4-2 ...  
ZDK 4/S ... ZDU 4 S  
ZEI 16 ZNT 4 S  
ZEI 16-2/1 AN

Cross-connections  
according to dimensions

## ZQV 35-10

## Reducing cross-connection



| Technical data    |   |
|-------------------|---|
| Current / Current | A |
| Ordering data     |   |
| 2-pole            |   |
| 3-pole            |   |
| 4-pole            |   |
| 5-pole            |   |
| 6-pole            |   |
| 7-pole            |   |
| 8-pole            |   |
| 9-pole            |   |
| 10-pole           |   |
| 20-pole           |   |
| 32-pole           |   |

| 57 / 105  |      |            |
|-----------|------|------------|
| Type      | Qty. | Order No.  |
| ZQV 35-10 | 10   | 7920100000 |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |

## For terminal:

ZDU 10 ... ZDU 10 S  
ZPE 10 ... ZNT 10 S  
ZDU 35  
ZPE 35

## ZQV 2.5N



| 24 / 24        |      |            |
|----------------|------|------------|
| Type           | Qty. | Order No.  |
| ZQV 2.5N/2 GE  | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 60   | 1693820000 |
| ZQV 2.5N/5 GE  | 20   | 1693830000 |
| ZQV 2.5N/6 GE  | 20   | 1693840000 |
| ZQV 2.5N/7 GE  | 20   | 1693850000 |
| ZQV 2.5N/8 GE  | 20   | 1693860000 |
| ZQV 2.5N/9 GE  | 20   | 1693870000 |
| ZQV 2.5N/10 GE | 20   | 1693880000 |

## For terminal:

ZT 2.5 ... ZDUA 2.5-2 ...  
ZDT 2.5 ... ZDUA 2.5-2N ...  
ZP 2.5 ... ZDL 2.5 ...  
ZTTQ 2.5 ... ZDL 2.5 S  
ZTC ...

## ZQB 2.5



| 24 / 24   |      |            |
|-----------|------|------------|
| Type      | Qty. | Order No.  |
| ZQB 2.5-2 | 50   | 1677120000 |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |

## For terminal:

ZDUB 2.5-2/4 AN  
ZDU 2.5-2/4 AN

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.

The ZBW tools is used for opening the terminal points. (order no. 1650670000)

## ZQV 6



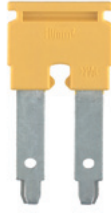
41 / 41

| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZQV 6/2 GE | 60   | 1627850000 |
| ZQV 6/3 GE | 60   | 1627860000 |
| ZQV 6/4 GE | 60   | 1627870000 |
| ZQV 6/24   | 10   | 1908990000 |
|            |      |            |
|            |      |            |
|            |      |            |
|            |      |            |
|            |      |            |

## For terminal:

|             |               |
|-------------|---------------|
| ZDU 6 ...   | ZDU 6-2 ...   |
| ZDK 6/S ... | ZDU 6 S       |
| ZTL 6 ...   | ZNT 6 S       |
| ZEI 16 ZEI  | ZEI 16-2/1 AN |

## ZQV 10/2



57 / 57\*

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZQV 10/2 | 25   | 1739680000 |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |

## For terminal:

|            |          |
|------------|----------|
| ZDU 10 ... | ZDU 10 S |
| ZDU 10 NT  | ZNT 10 S |

\* Only with use of 2 dummy cables

## ZQV 16/2



76 / 76\*

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZQV 16/2 | 25   | 1739690000 |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |

## For terminal:

|        |          |
|--------|----------|
| ZDU 16 | ZDU 16 S |
| ZPE 16 | ZPE 16 S |
|        | ZNT 16 S |

\* Only with use of 2 dummy cables

## ZQV 35/2



105 / 105

| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZQV 35/2 | 10   | 1739700000 |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |
|          |      |            |

## For terminal:

|          |
|----------|
| ZDU 35   |
| ZPE 35   |
| ZNT 35/S |

## ZQS 2.5



/ 10

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| ZQS 2.5/2 | 20   | 1633200000 |
| ZQS 2.5/3 | 20   | 1633210000 |
| ZQS 2.5/4 | 20   | 1633220000 |
| ZQS 2.5/5 | 20   | 1633230000 |
|           |      |            |
|           |      |            |
|           |      |            |
|           |      |            |

## For terminal:

ZSI 2.5/2 ...

## ZVQ 2.5/1.5



/ 23

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZVQ 2.5/1.5 | 50   | 1720700000 |
|             |      |            |
|             |      |            |
|             |      |            |
|             |      |            |
|             |      |            |
|             |      |            |
|             |      |            |

## For terminal:

|             |                |
|-------------|----------------|
| ZDK 2.5 ... | ZDLD 2.5-2 ... |
| ZDT 2.5/2   |                |

## Accessories – Testing / checking

## Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| Dimensions                            |                   |
|---------------------------------------|-------------------|
| Width / Length / Height <sup>1)</sup> | mm                |
| Stripping length                      | mm                |
| Rated data                            |                   |
| Rated voltage                         | V                 |
| Rated current                         | A                 |
| Rated cross-section                   | mm <sup>2</sup>   |
| Clamped conductors (H05V/H07V)        |                   |
| solid / stranded                      | mm <sup>2</sup>   |
| flexible / Flexible with ferrule      | mm <sup>2</sup>   |
| Ordering data                         |                   |
|                                       | 1-pole            |
|                                       | With snap-in pegs |

## ZTA 1

For terminal width 5.1 mm



| 5.1 / 31.5            |      |            |
|-----------------------|------|------------|
| 6                     |      |            |
| 250                   |      |            |
| 9                     |      |            |
| 1.5                   |      |            |
| 0.5...1.5             |      |            |
| 0.5...1.5 / 0.5...1.5 |      |            |
| Type                  | Qty. | Order No.  |
| ZTA 1                 | 25   | 1609040000 |
| ZTA 1/ZA              | 25   | 1609050000 |
| For terminal:         |      |            |
| ZDU 2.5 ...           |      |            |
| ZTR 2.5 ...           |      |            |
| ZSI 2.5 ...           |      |            |
| ZSI 2.5/2             |      |            |

## ZTA 2

For terminal width 6.1 mm



| 6.1 / 31.5            |      |            |
|-----------------------|------|------------|
| 6                     |      |            |
| 250                   |      |            |
| 9                     |      |            |
| 1.5                   |      |            |
| 0.5...1.5             |      |            |
| 0.5...1.5 / 0.5...1.5 |      |            |
| Type                  | Qty. | Order No.  |
| ZTA 2 ZDU4            | 25   | 1609060000 |
| ZTA 2/ZA ZDU4         | 25   | 1609070000 |
| For terminal:         |      |            |
| ZDU 4 ...             |      |            |

## ZTA 3

For terminal width 8.1 mm



| 8.1 / 31.5            |      |            |
|-----------------------|------|------------|
| 6                     |      |            |
| 250                   |      |            |
| 9                     |      |            |
| 1.5                   |      |            |
| 0.5...1.5             |      |            |
| 0.5...1.5 / 0.5...1.5 |      |            |
| Type                  | Qty. | Order No.  |
| ZTA 3 ZDU6            | 25   | 1654050000 |
| For terminal:         |      |            |
| ZDU 6 ...             |      |            |

## Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| Dimensions                            |                   |
|---------------------------------------|-------------------|
| Width / Length / Height <sup>1)</sup> | mm                |
| Stripping length                      | mm                |
| Rated data                            |                   |
| Rated voltage                         | V                 |
| Rated current                         | A                 |
| Rated cross-section                   | mm <sup>2</sup>   |
| Clamped conductors (H05V/H07V)        |                   |
| solid / stranded                      | mm <sup>2</sup>   |
| flexible / Flexible with ferrule      | mm <sup>2</sup>   |
| Ordering data                         |                   |
|                                       | 1-pole            |
|                                       | With snap-in pegs |

## ZTA 6

For terminal width 6.1 mm



| 6.1 / 31.5            |      |            |
|-----------------------|------|------------|
| 6                     |      |            |
| 250                   |      |            |
| 17.5                  |      |            |
| 1.5                   |      |            |
| 0.5...1.5             |      |            |
| 0.5...1.5 / 0.5...1.5 |      |            |
| Type                  | Qty. | Order No.  |
| ZTA 6/ZA              | 25   | 1780660000 |
| For terminal:         |      |            |
| ZDU 4-2 ...           |      |            |

## ZTA 7

For terminal width 8.1 mm



| 8.1 / 31.5            |      |            |
|-----------------------|------|------------|
| 6                     |      |            |
| 250                   |      |            |
| 9                     |      |            |
| 1.5                   |      |            |
| 0.5...1.5             |      |            |
| 0.5...1.5 / 0.5...1.5 |      |            |
| Type                  | Qty. | Order No.  |
| ZTA 7/ZA              | 25   | 1780670000 |
| For terminal:         |      |            |
| ZDU 6-2 ...           |      |            |

## ZTA ZT2.5

For terminal width 5.1 mm



| 5.1 / 20      |      |            |
|---------------|------|------------|
| 10            |      |            |
| 250           |      |            |
| 17.5          |      |            |
| 1.5           |      |            |
| 0.5...1.5     |      |            |
| 0.5...1.5     |      |            |
| Type          | Qty. | Order No.  |
| ZTA ZT2.5     | 25   | 1827080000 |
| ZTA ZT2.5/ZA  | 25   | 1847600000 |
| For terminal: |      |            |
| ZT 2.5 ...    |      |            |

Note: 1) The height is dependent on the terminal type

**ZTA 4**

For terminal width 5.1 mm



| 5.1 / 31              |      |            |
|-----------------------|------|------------|
| 10                    |      |            |
| 250                   |      |            |
| 11                    |      |            |
| 1.5                   |      |            |
| 0.5...1.5             |      |            |
| 0.5...1.5 / 0.5...1.5 |      |            |
| Type                  | Qty. | Order No.  |
| ZTA 4                 | 25   | 1688110000 |
| For terminal:         |      |            |
| ZDK 2.5 ...           |      |            |
| ZTR 2.5/4 AN ...      |      |            |

**ZTA 5**

For terminal width 3.5 mm



| 3.5 / 20          |      |            |
|-------------------|------|------------|
| 10                |      |            |
| 200               |      |            |
| 13.5              |      |            |
| 1                 |      |            |
| 0.5...1           |      |            |
| 0.5...1 / 0.5...1 |      |            |
| Type              | Qty. | Order No.  |
| ZTA 5             | 25   | 1776210000 |
| ZTA 5/ZA          | 25   | 1776220000 |
| For terminal:     |      |            |
| ZDU 1.5 ...       |      |            |
| ZDK 1.5 ...       |      |            |

**ZTA ZVLD**

For terminal width 5.1 mm



| 5.1 / 69      |      |            |
|---------------|------|------------|
| 6             |      |            |
| 250           |      |            |
| 6             |      |            |
| 1.5           |      |            |
| 0.5...1.5     |      |            |
| Type          | Qty. | Order No.  |
| ZTA ZVLD      | 25   | 1210390000 |
| ZTA ZVLD/ZA   | 25   | 1271870000 |
| For terminal: |      |            |
| ZVLD ...      |      |            |

**Test plug**

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

| Technical data    |           |
|-------------------|-----------|
| Current / Current | -         |
| Ordering data     |           |
|                   | Test plug |

**PS**

Plug diameter 2.0 mm



| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| PS 2.0 OR       | 20   | 0293800000 |
| For terminal:   |      |            |
| ZDU/ZPE 2.5/... |      |            |
| ZDU/ZPE 4/...   |      |            |
| ZDU/ZPE 6/3 AN  |      |            |
| ZDU/ZPE 10/...  |      |            |
| ZDU/ZPE 16/...  |      |            |
| ZDU/ZPE 35      |      |            |
| ZEI 16          |      |            |
| ZTR 2.5/...     |      |            |
| ZTR 2.5 .../D   |      |            |
| ZDTR 2.5        |      |            |
| ZTR 2.5/SI      |      |            |
| ZDL 2.5/SI ...  |      |            |
| ZTRR 2.5/2AN/1  |      |            |

**PS 2.3 RT**

Plug diameter 2.3 mm



| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| PS 2.3 RT       | 20   | 0180400000 |
| For terminal:   |      |            |
| ZDU/ZPE 2.5/... |      |            |
| ZDU/ZPE 4/...   |      |            |
| ZDU/ZPE 10/...  |      |            |
| ZDU/ZPE 18/...  |      |            |
| ZDU/ZPE 35      |      |            |
| ZDU/ZPE 4-2     |      |            |
| ZDU/ZPE 6-2     |      |            |
| ZTR 2.5...      |      |            |
| ZTR 2.5.../D    |      |            |
| ZDTR 2.5        |      |            |
| ZTR 2.5/SI      |      |            |
| ZDL 2.5/SI...   |      |            |
| ZTRR 2.5/2AN/1  |      |            |

PS ZQV test probes

PS ZQV test probes

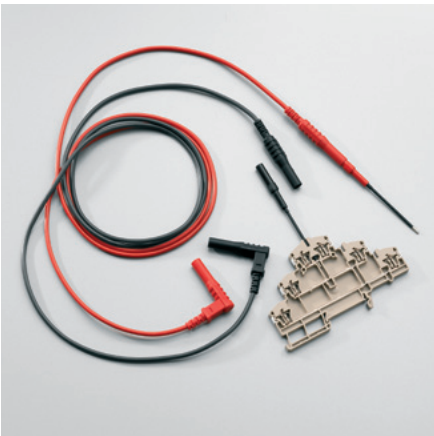
The PS ZQV test probes allow you to use only one product to test PUSH IN terminals.

PS ZQV

Test probes



- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.



Technical data

|                            |
|----------------------------|
| DC voltage measuring range |
| AC voltage measuring range |
| Weight                     |

|             |
|-------------|
| Test probes |
| 1000 V      |
| 1000 V      |
|             |
|             |
|             |
|             |
|             |
|             |
|             |

|      |
|------|
| Note |
|------|

|  |
|--|
|  |
|--|

Ordering data

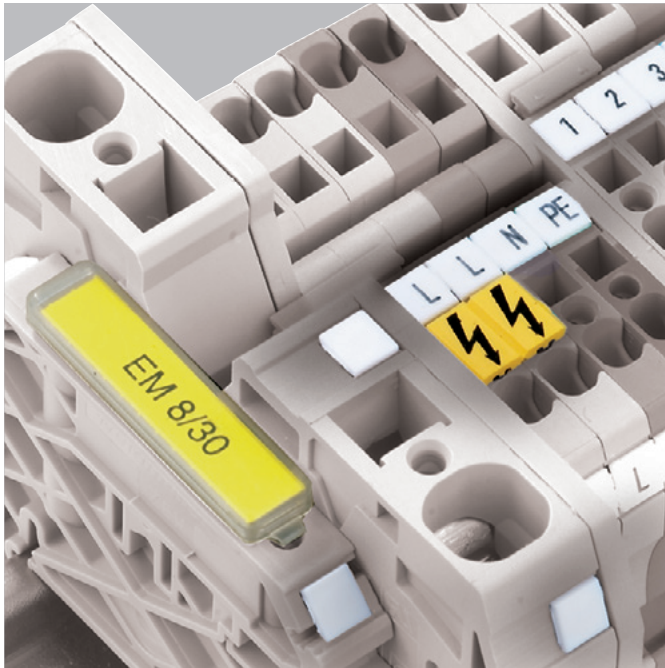
|         |
|---------|
| Version |
|         |
| Note    |

| Type                                                                                                                                                   | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| **PS_ZQV_SET                                                                                                                                           | 1    | 1116710000 |
| *PS_ZQV                                                                                                                                                | 1    | 1121740000 |
| Included in delivery: * 2 test probes (red and black)<br>** 2 test probes (red and black), 2 silicone safety-measurement cables (1.2 m, red and black) |      |            |





## Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash“ symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

## Operating tool

The fully-insulated **ZBW1** to **ZBW6** and **ZBWW** tools are used for opening 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> terminal points. They can be used to simultaneously open multiple terminal points.

The **ZBWW** tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

## Cover

| Type    | Colour | Qty. | Order No.  | For terminal:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|--------|------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width   |        |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ZAD 7/4 |        | 20   | 1781940000 | ZDK 1.5<br>ZDK 1.5 BL<br>ZDK 1.5DU-PE<br>ZDK 1.5V<br>ZDK 1.5V BL<br>ZDU 1.5<br>ZDU 1.5 2X2AN<br>ZDU 1.5 2X2AN BL<br>ZDU 1.5 BL<br>ZDU 1.5/3 AN<br>ZDU 1.5/3 AN/BL<br>ZDU 1.5/4 AN<br>ZDU 1.5/4 AN/BL<br>ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZEI 16<br>ZEI 16 BL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Width   |        |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ZAD 1/4 |        | 20   | 1609110000 | ZDK 4-2<br>ZDU 2.5 BL<br>ZDU 2.5/2X2AN<br>ZDU 2.5/2X2AN BL<br>ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZDU 2.5/2X2AN/LD+<br>ZDU 2.5/2X2AN/LD-<br>ZDU 2.5/3AN<br>ZDU 2.5/3AN BL<br>ZDU 2.5/4AN<br>ZDK 4-2 BL<br>ZDU 2.5/4AN BL<br>ZDU 4-2/2AN<br>ZDU 4-2/2AN BL<br>ZDU 4-2/3AN<br>ZDU 4-2/3AN BL<br>ZDU 4-2/3AN LSC<br>ZDU 4-2/4AN<br>ZDU 4-2/4AN BL<br>ZDUA 2.5-2N<br>ZDUA 2.5-2N BL<br>ZDK 4-2 PE<br>ZEI 16<br>ZEI 16 BL<br>ZPE 4-2/4AN<br>ZPEA 2.5-2N<br>ZSI 2.5-2/2X2AN/G20<br>ZSI 2.5-2/2X2AN/G20/LD1<br>ZSI 2.5-2/2X2AN/G20/LD2<br>ZSI 6-2 2X2.5/G20<br>ZSI 6-2 2X2.5/G20/LD1<br>ZSI 6-2 2X2.5/G20/LD2<br>ZDK 4-2 V<br>ZSI 6-2 2X2.5/G20/LD3<br>ZSI 6-2 2X2.5/G20/LD4<br>ZTR 2.5/4AN<br>ZTR 2.5/4AN BL<br>ZTR 2.5/4AN/O TNHE<br>ZDK 4-2/D forward<br>ZDK 4-2/D reverse<br>ZDK 4-2/DU-PE<br>ZDK 4-2/N/L<br>ZDU 2.5 |

## Cover

| Type<br>Width | Colour | Qty. | Order No.         | For terminal:                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|--------|------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ZAD 1/4-2 GE  |        | 20   | <b>1764560000</b> | ZDK 2.5-2<br>ZDK 2.5-2 BL<br>ZDK 2.5-2 PE<br>ZDK 2.5V<br>ZDK 2.5V BL<br>ZDKPE 2.5-2<br>ZDKPE 2.5-2/N/L/PE<br>ZDU 2.5-2<br>ZDU 2.5-2 BL<br>ZDU 2.5-2/3AN<br>ZDU 2.5-2/3AN BL<br>ZDU 2.5-2/4AN<br>ZDU 2.5-2/4AN BL<br>ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZEI 16<br>ZEI 16 BL<br>ZTR 2.5-2<br>ZTR 2.5-2 BL<br>ZTR 2.5-2/O.TNHE                                                |
| <b>Width</b>  |        |      |                   |                                                                                                                                                                                                                                                                                                                                                                                 |
| ZAD 2/4       |        | 20   | <b>1609080000</b> | ZDU 2.5/2X2AN/D+<br>ZEI 16 BL<br>ZSI 2.5-2/2X2AN/G20<br>ZSI 2.5-2/2X2AN/G20/LD1<br>ZSI 2.5-2/2X2AN/G20/LD2<br>ZSI 6-2 2X2.5/G20<br>ZSI 6-2 2X2.5/G20/LD1<br>ZSI 6-2 2X2.5/G20/LD2<br>ZSI 6-2 2X2.5/G20/LD3<br>ZSI 6-2 2X2.5/G20/LD4<br>ZSI 6-2/FC<br>ZDU 2.5/2X2AN/D-<br>ZSI 6-2/FC LD<br>ZDU 4<br>ZDU 4 BL<br>ZDU 4/3AN<br>ZDU 4/3AN BL<br>ZDU 4/4AN<br>ZDU 4/4AN BL<br>ZEI 16 |
| <b>Width</b>  |        |      |                   |                                                                                                                                                                                                                                                                                                                                                                                 |
| ZAD 3/4       |        | 20   | <b>1609120000</b> | ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZDU 6<br>ZDU 6 BL<br>ZDU 6/3AN<br>ZDU 6/3AN BL<br>ZEI 16<br>ZEI 16 BL<br>ZEI 6                                                                                                                                                                                                                                                          |
| <b>Width</b>  |        |      |                   |                                                                                                                                                                                                                                                                                                                                                                                 |
| ZAD 4/5       |        | 20   | <b>1746730000</b> | ZDU 10<br>ZDU 10 BL<br>ZDU 10/3AN<br>ZDU 10/3AN BL<br>ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZEI 16<br>ZEI 16 BL                                                                                                                                                                                                                                                               |
| <b>Width</b>  |        |      |                   |                                                                                                                                                                                                                                                                                                                                                                                 |
| ZAD 5/5       |        | 20   | <b>1745210000</b> | ZDU 16<br>ZEI 16-2/1AN BL<br>ZDU 16 BL<br>ZDU 16/3AN<br>ZDU 16/3AN BL<br>ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZEI 16<br>ZEI 16 BL<br>ZEI 16-2/1AN                                                                                                                                                                                                                            |

## Cover

| Type<br>Width | Colour | Qty. | Order No.         | For terminal:                                                                                              |
|---------------|--------|------|-------------------|------------------------------------------------------------------------------------------------------------|
| ZAD 6/5       |        | 20   | <b>1752620000</b> | ZDU 2.5/2X2AN/D+<br>ZDU 2.5/2X2AN/D-<br>ZDU 35<br>ZDU 35 BL<br>ZEI 16<br>ZEI 16 BL                         |
| <b>Width</b>  |        |      |                   |                                                                                                            |
| ZAD 9/4       |        | 20   | <b>1934160000</b> | ZDU 2.5N<br>ZDU 2.5N/3AN<br>ZDU 2.5N/4AN<br>ZDK 2.5<br>ZDK 2.5/3AN<br>ZDK 2.5V<br>ZDUA 2.5-2<br>ZPEA 2.5-2 |

## Operating tool

| Type<br>Width | Colour | Qty. | Order No.         | For terminal:                                                                                                             |
|---------------|--------|------|-------------------|---------------------------------------------------------------------------------------------------------------------------|
| ZBW 1/3.5     |        | 1    | <b>1781930000</b> | ZDK 1.5DU-PE<br>ZDK 2.5-2<br>ZDK 2.5-2 BL<br>ZDK 2.5-2 PE<br>ZDK 2.5V<br>ZDK 2.5V BL<br>ZDKPE 2.5-2<br>ZDKPE 2.5-2/N/L/PE |
| <b>Width</b>  |        |      |                   |                                                                                                                           |
| ZBW 1         |        | 1    | <b>1669620000</b> | ZDK 2.5-2                                                                                                                 |
| ZBW 2         |        | 1    | <b>1650670000</b> | ZDK 2.5-2 BL                                                                                                              |
| ZBW 3         |        | 1    | <b>1650680000</b> | ZDK 2.5-2 PE                                                                                                              |
| ZBW 4         |        | 1    | <b>1650690000</b> | ZDK 2.5V                                                                                                                  |
| ZBW-6         |        | 1    | <b>1650700000</b> | ZDK 2.5V BL                                                                                                               |
| ZBWW          |        | 1    | <b>1669630000</b> | ZDKPE 2.5-2<br>ZDKPE 2.5-2/N/L/PE                                                                                         |

## Accessories – Other functions

## Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.

Packaged in sets of 100 x 10-pole strips

| Technical data |                                        |  |
|----------------|----------------------------------------|--|
| Product type   |                                        |  |
| Ordering data  |                                        |  |
|                | 0.13...0.2 mm <sup>2</sup> , white     |  |
|                | 0.25...0.5 mm <sup>2</sup> , grey      |  |
|                | 0.75...1.0 mm <sup>2</sup> , dark grey |  |

## ZRH 1.5 S



| Reducing sleeve |      |            |
|-----------------|------|------------|
| Type            | Qty. | Order No.  |
| ZRH 1.5S/1      | 500  | 1781950000 |
| ZRH 1.5S/2      | 500  | 1781960000 |

## For terminal:

ZDU 1.5/...  
ZPE 1.5/...

## ZRH 1.5 H



| Reducing sleeve |      |            |
|-----------------|------|------------|
| Type            | Qty. | Order No.  |
| ZRH 1.5H/1      | 1000 | 1678810000 |
| ZRH 1.5H/2      | 1000 | 1678800000 |

## For terminal:

ZDK 2.5... ZDL 2.5-2...  
ZDK 2.5 PE ZDU 2.5-2/...  
ZDTR 2.5 ZPE 2.5-2/...  
ZTR 2.5-2...

## ZRH 1.5 N



| Reducing sleeve |      |            |
|-----------------|------|------------|
| Type            | Qty. | Order No.  |
| ZRH 1.5N/1      | 1000 | 1632140000 |
| ZRH 1.5N/2      | 1000 | 1632130000 |

## For terminal:

ZRV 1.5  
ZRV 1.5 PEZVL 1.5  
ZIA 1.5/3 L ...  
ZIA 1.5/4 L ...

## ZRH 2.5



| Reducing sleeve |      |            |
|-----------------|------|------------|
| Type            | Qty. | Order No.  |
| ZRH 2.5/1 WS    | 1000 | 1614300000 |
| ZRH 2.5/2 GR/VO | 1000 | 1614290000 |
| ZRH 2.5/3       | 1000 | 1614280000 |

## For terminal:

ZDU 2.5/...  
ZTR 2.5/...

## ZRH 4



| Reducing sleeve |      |            |
|-----------------|------|------------|
| Type            | Qty. | Order No.  |
| ZRH 4/1 WS      | 1000 | 1636640000 |
| ZRH 4/2         | 1000 | 1636650000 |

## For terminal:

ZDU 4/...  
ZPE 4/...

## Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

| Technical data |                        |
|----------------|------------------------|
| Product type   |                        |
| Ordering data  |                        |
|                | One-sided, without peg |
|                | One-sided, with peg    |
|                | Two-sided without pin  |
|                | Two-sided, with pin    |

## BZT 1/BZT 2



| Marker holder    |      |            |
|------------------|------|------------|
| Type             | Qty. | Order No.  |
| BZT 1 WS 10/5    | 100  | 1805490000 |
| BZT 1 ZA WS 10/5 | 100  | 1805520000 |
| BZT 2 WS 10/5    | 100  | 1805480000 |
| BZT 2 ZA WS 10/5 | 100  | 1805530000 |

## For terminal:

ZDU 2.5/...  
ZDU 4/...  
ZDU 6/...  
ZDU A 2.5/...

### Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

| Dimensions              |                 |
|-------------------------|-----------------|
| Width / Length / Height | mm              |
| Stripping length        | mm              |
| Rated data              |                 |
| Rated voltage           | V               |
| Rated current           | A               |
| Rated cross-section     | mm <sup>2</sup> |
| Rated impulse voltage   | kV              |
| Pollution severity      |                 |
| Ordering data           |                 |
| With snap-in pegs       |                 |

### ZZA 2.5



| 6.1 / 21 / 23 (50)    |      |            |
|-----------------------|------|------------|
| Rated data            |      |            |
| Rated voltage         | 400  |            |
| Rated current         | 17.5 |            |
| Rated cross-section   | 2.5  |            |
| Rated impulse voltage | 6    |            |
| Pollution severity    | 3    |            |
| Type                  | Qty. | Order No.  |
| ZZA 2.5/ZA            | 50   | 1649350000 |
| ZZA 2.5               | 50   | 1646690000 |
| For terminal:         |      |            |
| ZDU 2.5               |      |            |
| ZDU 2.5/3 AN          |      |            |
| ZDU 2.5/4 AN          |      |            |
| ZTR 2.5               |      |            |
| ZTR 2.5/3 AN          |      |            |

### Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

| Dimensions              |    |
|-------------------------|----|
| Width / Length / Height | mm |
| Stripping length        | mm |
| Rated data              |    |
| Rated voltage           | V  |
| Rated voltage with LED  |    |
| Rated current           | A  |
| Rated current with LED  |    |
| Rated impulse voltage   | kV |
| Pollution severity      |    |
| Ordering data           |    |
| For holding 2 LEDs      |    |

### ZBS



| 10 / 22.3 / 48         |      |            |
|------------------------|------|------------|
| Rated data             |      |            |
| Rated voltage          | 250  |            |
| Rated voltage with LED | 30 V |            |
| Rated current          | 6    |            |
| Rated current with LED | 1 A  |            |
| Rated impulse voltage  | 4    |            |
| Pollution severity     | 3    |            |
| Type                   | Qty. | Order No.  |
| ZBS1 F.D SET           | 10   | 1764550000 |
| For terminal:          |      |            |
| ZDK 2.5                |      |            |

### Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

| Dimensions              |    |
|-------------------------|----|
| Width / Length / Height | mm |
| Ordering data           |    |

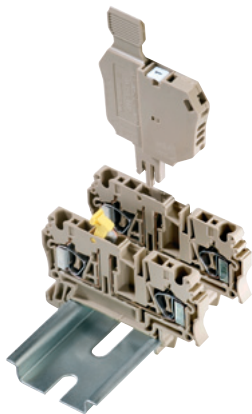
### ZDUS

#### Shield conductor - connection terminals



| 4.8 / 83.5 / 33.5 |      |            |
|-------------------|------|------------|
| Type              | Qty. | Order No.  |
| ZDUS              | 20   | 1676640000 |
| For terminal:     |      |            |

SIHA fuse holder



**For 5 x 20 G-fuse cartridges**  
 The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time. Simply remove the isolating lever and insert the fuse plug.

- ESimple handling – no tools required
- Housing made of Wemid (VO)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

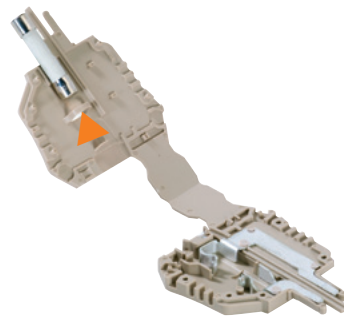
- Even fits on 5 mm wide terminals when fitted in offset arrangement



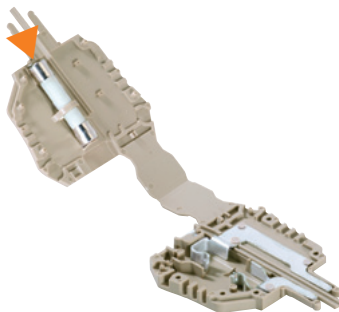
- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



1. Open fuse holder with fingers or screwdriver.



2. Press out old fuse.



3. Position new fuse.



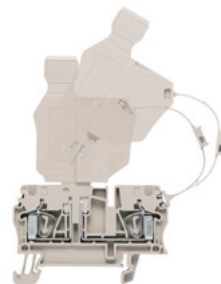
4. Press fuse holder together again with fingers or screwdriver.

SIHA 3



|                                        | Qty.          | Order No.  |
|----------------------------------------|---------------|------------|
| without LED                            |               |            |
| SIHA3/G20                              | 400 V 1       | 7921560000 |
| with LED (red)                         |               |            |
| SIHA3/G20                              | 10 - 36 V 1   | 7921570000 |
|                                        | 35 - 70 V 1   | 7921580000 |
|                                        | 60 - 150 V 1  | 7921590000 |
|                                        | 140 - 250 V 1 | 7921600000 |
| For test-disconnect terminals versions |               |            |
| ZTR 2.5/4 AN                           |               |            |
| ZTR 2.5...                             |               |            |
| ZTR 2.5-2                              |               |            |

SIHA STRAP

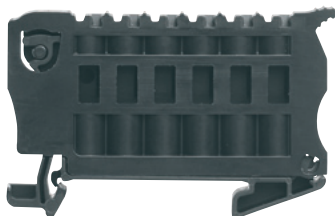


|            | Qty. | Order No.  |
|------------|------|------------|
| with strap |      |            |
| SIHA STRAP | 20   | 9537680000 |

- Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
  - Integrated marking position on the strap
  - Slots into fuse holder either on the left or on the right

**ZST 1 fuse-carrier / ZST multi-carrier****ZST 1**

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

**Dimensions**

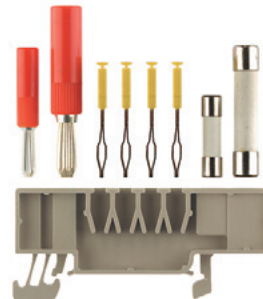
|                         |    |             |
|-------------------------|----|-------------|
| Width / Length / Height | mm | 8 / 62 / 40 |
|-------------------------|----|-------------|

**Ordering data**

| Type  | Qty. | Order No.  |
|-------|------|------------|
| ZST 1 | 25   | 1269070000 |

**ZST**

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

**Dimensions**

|                         |    |                  |
|-------------------------|----|------------------|
| Width / Length / Height | mm | 10 / 61.1 / 27.5 |
|-------------------------|----|------------------|

**Ordering data**

| Type | Qty. | Order No.  |
|------|------|------------|
| ZST  | 10   | 1678680000 |

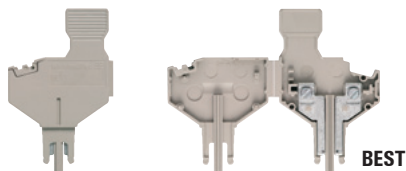
**Component isolating plugs**

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

**Component plug (up to 250 V)**

can be reversed

**BEST****Ordering data**

| Type                     | Fitted with... | Qty. | Order No.  |
|--------------------------|----------------|------|------------|
| BEST                     | -              | 25   | 1833100000 |
| BEST/DRBR                | wire jumper    | 25   | 1878570000 |
| BEST/D                   | diode 1N4007   | 25   | 1878560000 |
| <b>For terminal type</b> |                |      |            |
| PTR 2.5/4...             |                |      |            |
| PDL 4 TR/...             |                |      |            |

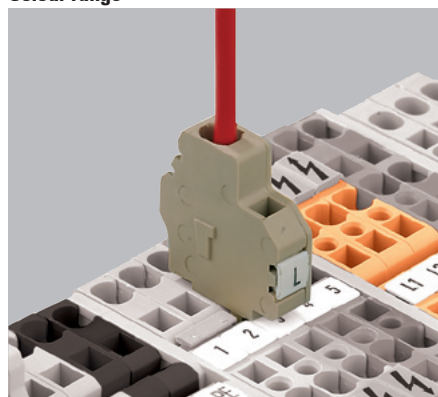
**Isolating plug**

Isolating plug

**Ordering data**

| Type                     | Colour       | Qty. | Order No.  |
|--------------------------|--------------|------|------------|
| TNST                     | yellow Wemid | 25   | 1833090000 |
| <b>For terminal type</b> |              |      |            |
| ZTR 2.5...               |              |      |            |
| ZTR 2.5-2                |              |      |            |
| ZDL 2.5/TR               |              |      |            |
| ZDL 2.5/SI               |              |      |            |

## Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

| 1.5 mm <sup>2</sup> |        |      |            |
|---------------------|--------|------|------------|
| ZDU 1.5             | Colour | Qty. | Order No.  |
| ZDU 1.5 BL          | blue   | 100  | 1775490000 |
| ZDU 1.5 OR          | orange | 100  | 1775500000 |
| ZDU 1.5/2X2AN       |        |      |            |
| ZDU 1.5/2X2AN BL    | blue   | 100  | 1826990000 |
| ZDU 1.5/2X2AN OR    | orange | 100  | 1827000000 |
| ZDU 1.5/3AN         |        |      |            |
| ZDU 1.5/3AN BL      | blue   | 100  | 1775540000 |
| ZDU 1.5/3AN OR      | orange | 100  | 1775550000 |
| ZDU 1.5/4AN         |        |      |            |
| ZDU 1.5/4AN BL      | blue   | 100  | 1775600000 |
| ZDU 1.5/4AN OR      | orange | 100  | 1775610000 |

| 2.5 mm <sup>2</sup> |              |      |            |
|---------------------|--------------|------|------------|
| ZDU 2.5             | Colour       | Qty. | Order No.  |
| ZDU 2.5 BL          | blue         | 100  | 1608520000 |
| ZDU 2.5 BR          | braun        | 100  | 1683300000 |
| ZDU 2.5 GE          | yellow       | 100  | 1683270000 |
| ZDU 2.5 GE/GN       | yellow/green | 100  | 1698780000 |
| ZDU 2.5 GN          | green        | 100  | 1683280000 |
| ZDU 2.5 GR          | grey         | 100  | 1683310000 |
| ZDU 2.5 OR          | orange       | 100  | 1636780000 |
| ZDU 2.5 RT          | red          | 100  | 1683260000 |
| ZDU 2.5 SW          | black        | 100  | 1683330000 |
| ZDU 2.5 VI          | violet       | 100  | 1683290000 |
| ZDU 2.5 WS          | white        | 100  | 1683320000 |
| ZDU 2.5/2X2         |              |      |            |
| ZDU 2.5/2X2AN BL    | blue         |      | 1608610000 |
| ZDU 2.5/2X2AN OR    | orange       |      | 1636810000 |
| ZDU 2.5/3AN         |              |      |            |
| ZDU 2.5/3AN BL      | blue         | 100  | 1608550000 |
| ZDU 2.5/3AN GE      | yellow       | 100  | 1683350000 |
| ZDU 2.5/3AN GE/GN   | yellow/green | 100  | 1698790000 |
| ZDU 2.5/3AN GN      | green        | 100  | 1683360000 |
| ZDU 2.5/3AN GR      | grey         | 100  | 1683390000 |
| ZDU 2.5/3AN OR      | orange       | 100  | 1636790000 |
| ZDU 2.5/3AN RT      | red          | 100  | 1683340000 |
| ZDU 2.5/3AN SW      | black        | 100  | 1683410000 |
| ZDU 2.5/3AN WS      | white        | 100  | 1683400000 |
| ZDU 2.5/4AN         |              |      |            |
| ZDU 2.5/4AN BL      | blue         |      | 1608580000 |
| ZDU 2.5/4AN BR      | braun        | 100  | 1683460000 |
| ZDU 2.5/4AN GE      | yellow       | 100  | 1683430000 |
| ZDU 2.5/4AN GE/GN   | yellow/green | 100  | 1692240000 |
| ZDU 2.5/4AN GN      | green        | 100  | 1683440000 |
| ZDU 2.5/4AN GR      | grey         | 100  | 1683470000 |
| ZDU 2.5/4AN OR      | orange       | 100  | 1636800000 |
| ZDU 2.5/4AN RT      | red          | 100  | 1683420000 |
| ZDU 2.5/4AN SW      | black        | 100  | 1683490000 |
| ZDU 2.5/4AN WS      | white        | 100  | 1683480000 |
| ZDU 2.5 2X2AN       |              |      |            |
| ZDU 2.5/2X2AN       |              |      | 1608600000 |
| ZDU 2.5-2           |              |      |            |
| ZDU 2.5-2 BL        | blue         |      | 1772070000 |
| ZDU 2.5-2 OR        | orange       | 100  | 1772080000 |
| ZDU 2.5-2/3AN       |              |      |            |
| ZDU 2.5-2/3AN BL    | blue         |      | 1706040000 |
| ZDU 2.5-2/3AN GE    | yellow       |      | 1946240000 |
| ZDU 2.5-2/3AN OR    | orange       | 100  | 1706050000 |
| ZDU 2.5-2/3AN RT    | red          |      | 1946220000 |
| ZDU 2.5-2/3AN SW    | black        |      | 1946210000 |
| ZDU 2.5-2/3AN WS    | white        |      | 1946230000 |
| ZDU 2.5-2/4AN       |              |      |            |
| ZDU 2.5-2/4AN BL    | blue         |      | 1706070000 |
| ZDU 2.5-2/4AN OR    | orange       | 100  | 1706080000 |
| ZTR 2.5             |              |      |            |
| ZTR 2.5 OR          | orange       | 100  | 8731680000 |
| ZTR 2.5/3AN         |              |      |            |
| ZTR 2.5/3AN OR      | orange       | 50   | 8731690000 |
| ZTR 2.5/4AN         |              |      |            |
| ZTR 2.5/4AN OR      | orange       | 100  | 7920940000 |
| ZTR 2.5-2           |              |      |            |
| ZTR 2.5-2 OR        | orange       | 100  | 1779130000 |
| ZDK 2.5             |              |      |            |
| ZDK 2.5 OR          | orange       | 50   | 1694140000 |
| ZDK 2.5-2           |              |      |            |
| ZDK 2.5-2 OR        | orange       | 50   | 1831260000 |



| 4 mm <sup>2</sup>  |              |      |            |
|--------------------|--------------|------|------------|
|                    | Colour       | Qty. | Order No.  |
| <b>ZDU 4</b>       |              |      |            |
| ZDU 4 BL           | blue         |      | 1632060000 |
| ZDU 4 BR           | braun        | 100  | 1683620000 |
| ZDU 4 GE           | yellow       | 100  | 1683590000 |
| ZDU 4 GE/GN        | yellow/green | 100  | 1698770000 |
| ZDU 4 GR           | grey         | 100  | 1683630000 |
| ZDU 4 OR           | orange       | 100  | 1636830000 |
| ZDU 4 RT           | red          | 100  | 1683580000 |
| ZDU 4 SW           | black        | 100  | 1683650000 |
| ZDU 4 WS           | white        | 100  | 1683640000 |
| <b>ZDU 4/3AN</b>   |              |      |            |
| ZDU 4/3AN BL       | blue         |      | 7904190000 |
| ZDU 4/4AN OR       | orange       |      | 8670210000 |
| <b>ZDU 4-2/2AN</b> |              |      |            |
| ZDU 4-2/2AN BL     | blue         |      | 1770840000 |
| <b>ZDU 4-2/3AN</b> |              |      |            |
| ZDU 4-2/3AN BL     | blue         |      | 1770860000 |
| ZDU 4-2/3AN OR     | orange       | 100  | 1770870000 |

| 6 mm <sup>2</sup>  |        |      |            |
|--------------------|--------|------|------------|
|                    | Colour | Qty. | Order No.  |
| <b>ZDU 6</b>       |        |      |            |
| ZDU 6 BL           | blue   |      | 1608630000 |
| ZDU 6 OR           | orange | 50   | 1636820000 |
| ZDU 6 RT           | red    | 50   | 1830420000 |
| <b>ZDU 6/3AN</b>   |        |      |            |
| ZDU 6/3AN BL       | blue   |      | 7907420000 |
| ZDU 6/3AN OR       | orange |      | 8670420000 |
| <b>ZDU 6-2/2AN</b> |        |      |            |
| ZDU 6-2/2AN BL     | blue   |      | 1771390000 |
| ZDU 6-2/2AN OR     | orange | 50   | 1771400000 |
| <b>ZDU 6-2/3AN</b> |        |      |            |
| ZDU 6-2/3AN BL     | blue   |      | 1771420000 |
| ZDU 6-2/3AN OR     | orange | 50   | 1771430000 |

| 10 mm <sup>2</sup> |        |      |            |
|--------------------|--------|------|------------|
|                    | Colour | Qty. | Order No.  |
| <b>ZDU 10</b>      |        |      |            |
| ZDU 10 BL          | blue   |      | 1746760000 |
| ZDU 10 OR          | orange | 25   | 1830610000 |
| <b>ZDU 10/3AN</b>  |        |      |            |
| ZDU 10/3AN BL      | blue   |      | 1767700000 |

| 16 mm <sup>2</sup> |        |      |            |
|--------------------|--------|------|------------|
|                    | Colour | Qty. | Order No.  |
| <b>ZDU 16</b>      |        |      |            |
| ZDU 16 BL          | blue   |      | 1745240000 |
| ZDU 16 OR          | orange | 25   | 1830680000 |
| ZDU 16 SW          | black  |      | 1830650000 |
| <b>ZDU 16/3AN</b>  |        |      |            |
| ZDU 16/3AN BL      | blue   |      | 1768330000 |

| 35 mm <sup>2</sup> |        |      |            |
|--------------------|--------|------|------------|
|                    | Colour | Qty. | Order No.  |
| <b>ZDU 35</b>      |        |      |            |
| ZDU 35 BL          | blue   |      | 1739630000 |
| ZDU 35 OR          | orange | 10   | 1830760000 |

| Mini terminals        |        |      |            |
|-----------------------|--------|------|------------|
| 2.5 mm <sup>2</sup>   |        |      |            |
|                       | Colour | Qty. | Order No.  |
| <b>ZDUA 2.5-2</b>     |        |      |            |
| ZDUA 2.5-2 BL         | blue   |      | 1808180000 |
| ZDUA 2.5-2 OR         | orange | 100  | 1720940000 |
| ZDUA 2.5-2N BL        | blue   |      | 1808180000 |
| <b>ZDUB 2.5-2/2AN</b> |        |      |            |
| ZDUB 2.5-2/2AN/DB BL  | blue   |      | 1704510000 |
| ZDUB 2.5-2/2AN/DB GE  | yellow |      | 1704530000 |
| ZDUB 2.5-2/2AN/DM BL  | blue   |      | 1704360000 |
| ZDUB 2.5-2/2AN/DM GE  | yellow |      | 1704380000 |
| ZDUB 2.5-2/2AN/DM OR  | orange | 100  | 1704370000 |
| <b>ZDUB 2.5-2/4AN</b> |        |      |            |
| ZDUB 2.5-2/4AN/DB BL  | blue   |      | 1704700000 |
| ZDUB 2.5-2/4AN/DB GE  | yellow |      | 1704720000 |
| ZDUB 2.5-2/4AN/DM BL  | blue   |      | 1704550000 |
| ZDUB 2.5-2/4AN/DM GE  | yellow |      | 1704570000 |
| ZDUB 2.5-2/4AN/DM OR  | orange | 100  | 1704560000 |





# Terminals, W-Series

|                                      |                                                     |        |
|--------------------------------------|-----------------------------------------------------|--------|
| <b>Terminals, W-Series</b>           | Overview W-Series                                   | D.2    |
|                                      | Feed-through terminals                              | D.4    |
|                                      | Double-level terminals                              | D. 16  |
|                                      | PE terminals                                        | D. 22  |
|                                      | Fuse terminals                                      | D. 32  |
|                                      | Test-disconnect terminals                           | D. 54  |
|                                      | Earth wire disconnect terminals                     | D. 77  |
|                                      | Installation terminals                              | D. 78  |
|                                      | Terminals with spring-loaded cable clamps           | D. 86  |
|                                      | Initiator and actuator terminals                    | D. 92  |
|                                      | Motor connection terminals                          | D. 96  |
|                                      | Plug-in modular terminals                           | D. 98  |
|                                      | Multi-functional terminals                          | D. 104 |
|                                      | Terminals for temperature measuring circuits        | D. 114 |
|                                      | Terminals for retrofitting of electronic components | D. 115 |
|                                      | Terminals with electronic components                | D. 116 |
|                                      | Power distribution blocks WPDB                      | D. 122 |
| <b>Terminals, TS 15</b>              | Mini terminals TS 15                                | D. 130 |
| <b>Terminals for direct mounting</b> | Multi-pole terminal strips for direct mounting      | D. 134 |
| <b>Stud terminals</b>                | Overview Stud terminals                             | D. 140 |
|                                      | Overview Stud terminals – ST 4000                   | D. 142 |
|                                      | Single-/twin stud terminals – WF/WFF                | D. 144 |
|                                      | Twin stud terminals – ST 4000                       | D. 152 |
| <b>Accessories</b>                   | Accessories W-Series                                | D. 154 |
| <b>Terminals, SAK-Series</b>         | Overview SAK-Series                                 | D. 184 |

# Terminal blocks with clamping yoke and screw connection system

## High contact reliability for all standard electrical functions

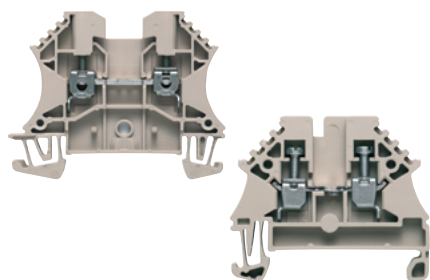
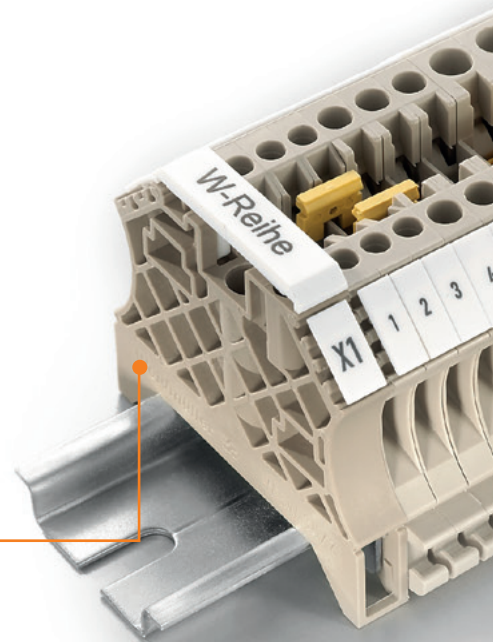
For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard.

The W-Series offers solutions for conductor cross-sections between 0.05 and 300 mm<sup>2</sup>. The cross-connectors are pluggable (ZQV) or screwable (WQV) in a terminal block. The combination of benefits is unequalled and puts the W-Series in a leading position on the market.

Thanks to the patented design of Weidmüller's W-Series screw connection technology, it is possible for two conductors of the same cross-section to be connected in one and the same clamping point without difficulty.

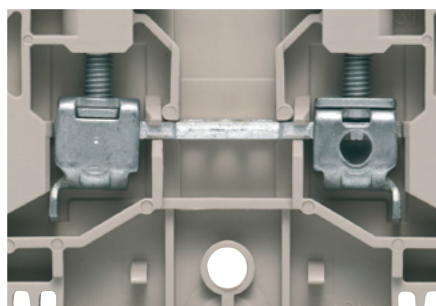
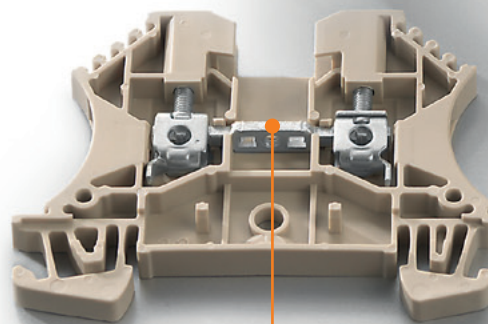
### Designs

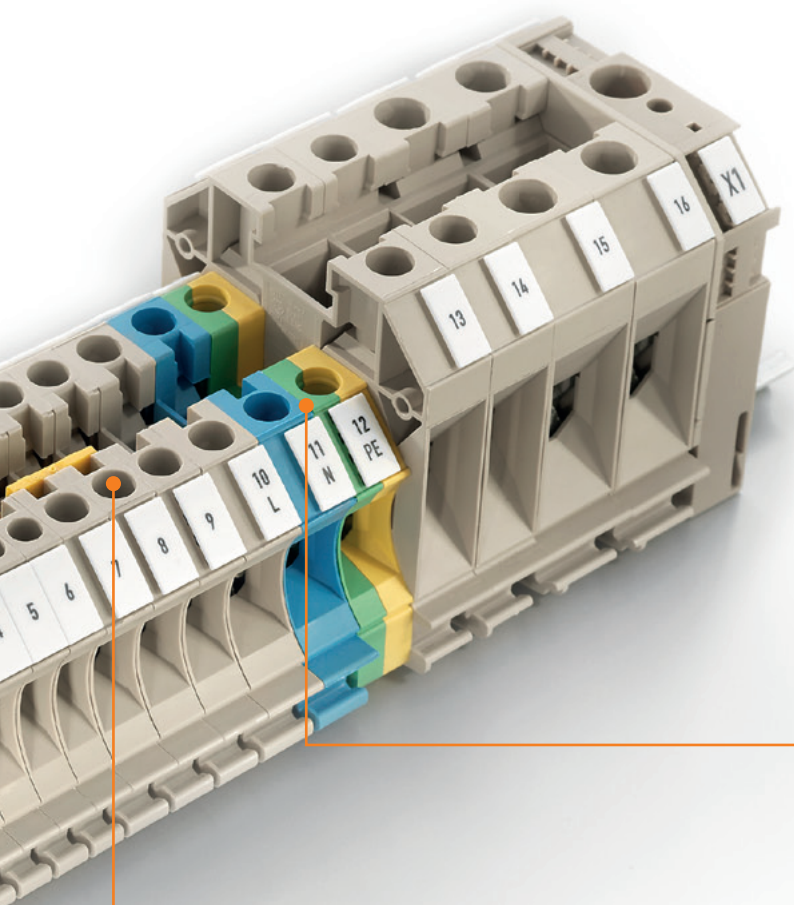
The W-Series is offered in standard and compact designs. The compact design is impressive with its small size for the design cross-sectional capacity.



### Connections proven a million times

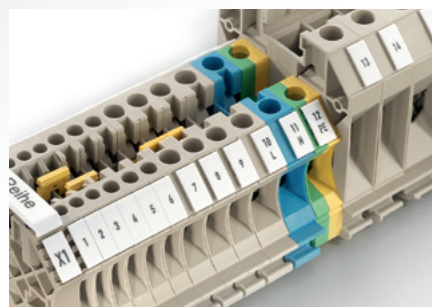
The terminal unit consists of hardened steel, for very high contact force. The busbar is made of copper, which gives a low voltage drop. The tin-plated surface ensures minimum contact resistances.





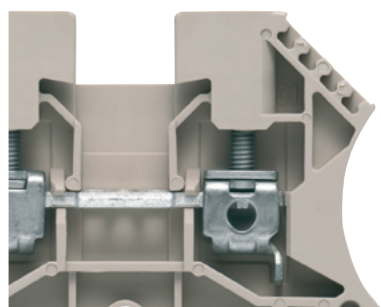
#### Efficiency thanks to equal contours

Uniform size of the terminal block bodies from 2.5 to 10 mm<sup>2</sup> means fewer accessories, lowers the cost, offers logistical advantages and enables simple installation.



#### Safe operation

The terminal blocks are supplied with open clamping units, this enables quick assembly. In addition, the misplugging safeguard prevents conductors from being inserted incorrectly. Embossing on the clamping yoke and current bar engage so that even the smallest conductors are reliably contacted; large conductors and also 2 conductors are gripped in the middle.



## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage                                           | V               |
| Rated current                                           | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity    |                 |
| Gauge to IEC 60947-1 / Flammability class UL94          |                 |
| Approvals                                               |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| Solid / stranded                                        | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                        | mm <sup>2</sup> |
| Tightening torque range (terminal screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| Solid / stranded                                        | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                        | mm <sup>2</sup> |
| <b>Note</b>                                             |                 |

## Ordering data

|                |                                |
|----------------|--------------------------------|
| <b>Version</b> | Dark beige Wemid<br>Blue Wemid |
| <b>Note</b>    |                                |

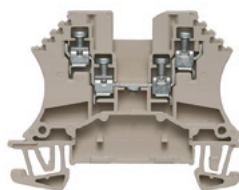
## Accessories

|                                                                                     |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
| <b>Pluggable cross-connection</b>                                                   |                             |
|  | 2-pole                      |
|                                                                                     | 3-pole                      |
|                                                                                     | 4-pole                      |
|                                                                                     | 10-pole                     |
| 20-/24-pole                                                                         |                             |
| <b>Screwable cross-connection</b>                                                   |                             |
|  | 2-pole                      |
|                                                                                     | 3-pole                      |
|                                                                                     | 4-pole                      |
|                                                                                     | 10-pole                     |
| <b>End plate / Partition plate</b>                                                  |                             |
|                                                                                     | Dark beige Wemid            |
|                                                                                     | Blue Wemid                  |
|                                                                                     | Dark beige Wemid            |
|                                                                                     | Blue Wemid                  |
| <b>End bracket</b>                                                                  |                             |
|                                                                                     | Dark beige Wemid            |
|                                                                                     | Dark beige Wemid            |
| <b>Testing / Checking</b>                                                           |                             |
|                                                                                     | Standard                    |
|                                                                                     | With assembly peg           |
| <b>Cover</b>                                                                        |                             |
|  | With lightning flash symbol |
|                                                                                     | Blank, white                |
|                                                                                     | Blank, yellow               |
| <b>Identification systems</b> (see assortment in catalogue 7)                       |                             |
|                                                                                     | Marking tags                |
| <b>Note</b>                                                                         |                             |

## WDU 1.5/ZZ

**1.5 mm<sup>2</sup>**

### Twin connection



5.1 x 60 x 47  
23 / 2.5  
0.13...2.5

IEC 60947-7-1

Ex e II



II 2 G D

| IEC                                                                                                                                                                                                                                                                                                                                                                                                                                    | UL          | CSA                   | EN 60079-7        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-------------------|
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300 (C)     | 300 (C)               | 550               |
| 17.5                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25 (C)      | 10 (C)                | 15                |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                    | AWG 22...12 | AWG 26...12           | 1.5               |
| 8 kV / 3                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                       |                   |
| A1 / V-0                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                       |                   |
| <div>      </div> |             |                       | KEMA 98ATEX1685 U |
| Rated connection                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Further connection    |                   |
| 0.5...2.5 / 0.5...2.5                                                                                                                                                                                                                                                                                                                                                                                                                  |             | AWG...2.5             |                   |
| 0.5...1.5 / 0.5...1.5                                                                                                                                                                                                                                                                                                                                                                                                                  |             | 0.5...1.5 / 0.5...1.5 |                   |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                       |                   |
| 7 / 0.6 x 3.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                       |                   |
| 0.5...1                                                                                                                                                                                                                                                                                                                                                                                                                                |             |                       |                   |
| 0.5...1 / 0.5...0.75                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                       |                   |
| <div>Note the max. current of the terminal (23 A) when using the WQV cross-connector!</div>                                                                                                                                                                                                                                                                                                                                            |             |                       |                   |

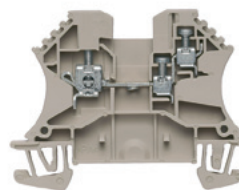
| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WDU 1.5/ZZ    | 100  | 1031400000 |
| WDU 1.5/ZZ BL | 100  | 1031480000 |
|               |      |            |

| Type                                                      | current | Qty.  | Order No.  |
|-----------------------------------------------------------|---------|-------|------------|
| ZQV 2.5N/2 GE                                             | 24 A    | 60    | 1693800000 |
| ZQV 2.5N/3 GE                                             | 24 A    | 60    | 1693810000 |
| ZQV 2.5N/4 GE                                             | 24 A    | 60    | 1693820000 |
| ZQV 2.5N/10 GE                                            | 24 A    | 20    | 1693880000 |
| ZQV 2.5N/20 GE                                            | 24 A    | 20    | 1909000000 |
|                                                           |         |       |            |
| WQV 2.5/2                                                 | 32 A    | 50    | 1053660000 |
| WQV 2.5/3                                                 | 32 A    | 50    | 1053760000 |
| WQV 2.5/4                                                 | 32 A    | 50    | 1053860000 |
| WQV 2.5/10                                                | 32 A    | 20    | 1054460000 |
|                                                           |         |       |            |
|                                                           |         | Width |            |
| WAP 2.5-10                                                | 1.5 mm  | 50    | 1050000000 |
| WAP 2.5-10 BL                                             | 1.5 mm  | 50    | 1050080000 |
| WAP 16+35 WTW 2.5-10                                      | 1.5 mm  | 20    | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL                                   | 1.5 mm  | 20    | 1050180000 |
|                                                           |         |       |            |
| WEW 35/2                                                  | 8 mm    | 100   | 1061200000 |
|                                                           |         |       |            |
|                                                           |         |       |            |
| WTA 2 WDU2.5-10                                           | 5 mm    | 25    | 1632320000 |
| WTA 2/ZA WDU2.5-10                                        | 5 mm    | 25    | 1632330000 |
|                                                           |         |       |            |
| WAD 4 GE BED                                              | 4.5 mm  | 50    | 1072000000 |
| WAD 4 WS                                                  | 4.5 mm  | 50    | 1072100000 |
|                                                           |         |       |            |
|                                                           |         |       |            |
|                                                           |         |       |            |
| DEK 5/5 / WS 12/5                                         |         |       |            |
| Socket and test plug, see section "W-Series accessories". |         |       |            |

## WDU 2.5/1.5/ZR

**2.5 mm<sup>2</sup>**

**Supplementary connection, right**



5.1 x 60 x 47  
32 / 4  
0.05...4

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |             |                           |                                                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------------------------|----------------------------------------------------------------------------------------------|--|
| IEC 60947-7-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | Ex e II     |                           |  II 2 G D |  |
| <b>IEC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>UL</b>   | <b>CSA</b>  | <b>EN 60079-7</b>         |                                                                                              |  |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 300 (C)     | 300 (C)     | 550                       |                                                                                              |  |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20 (C)      | 20 (C)      | 21                        |                                                                                              |  |
| 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AWG 30...12 | AWG 26...14 | 2.5                       |                                                                                              |  |
| 8 kV / 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |             |                           |                                                                                              |  |
| A3, A1 / V-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |             |                           |                                                                                              |  |
|       |             |             | KEMA 98ATEX1685 U         |                                                                                              |  |
| <b>Rated connection</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             | <b>Further connection</b> |                                                                                              |  |
| 0.5...4 / 1.5...4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |             | 0.5...4                   |                                                                                              |  |
| 0.5...4 / 0.5...2.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             | 0.5...0.5 / 0.5...2.5     |                                                                                              |  |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |             |                           |                                                                                              |  |
| 10 / 0.6 x 3.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |             |                           |                                                                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |             |                           |                                                                                              |  |
| 0.5...1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |                           |                                                                                              |  |
| 0.5...1.5 / 0.5...1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |                           |                                                                                              |  |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).                                                                                                                                                                                                                                                                                                                                                            |             |             |                           |                                                                                              |  |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WDU 2.5/1.5/ZR    | 100  | 1024700000 |
| WDU 2.5/1.5/ZR BL | 100  | 1024780000 |

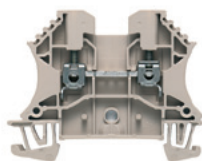
The rated voltage is 400 V when using ZQV cross-connection, additional connection (right 1.5 mm<sup>2</sup>).

| Type                    | current | Qty.  | Order No.  |
|-------------------------|---------|-------|------------|
| ZQV 2.5N/2 GE           | 24 A    | 60    | 1693800000 |
| ZQV 2.5N/3 GE           | 24 A    | 60    | 1693810000 |
| ZQV 2.5N/4 GE           | 24 A    | 60    | 1693820000 |
| ZQV 2.5N/10 GE          | 24 A    | 20    | 1693880000 |
| ZQV 2.5N/20 GE          | 24 A    | 20    | 1909000000 |
|                         |         |       |            |
| WQV 2.5/2               | 32 A    | 50    | 1053660000 |
| WQV 2.5/3               | 32 A    | 50    | 1053760000 |
| WQV 2.5/4               | 32 A    | 50    | 1053860000 |
| WQV 2.5/10              | 32 A    | 20    | 1054460000 |
|                         |         |       |            |
|                         |         | Width |            |
| WAP 2.5-10              | 1.5 mm  | 50    | 1050000000 |
| WAP 2.5-10 BL           | 1.5 mm  | 50    | 1050080000 |
| WAP 16+35 WTW 2.5-10    | 1.5 mm  | 20    | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm  | 20    | 1050180000 |
|                         |         |       |            |
| WEW 35/2                | 8 mm    | 100   | 1061200000 |
|                         |         |       |            |
|                         |         |       |            |
| WTA 2 WDU2.5-10         | 5 mm    | 25    | 1632320000 |
| WTA 2/ZA WDU2.5-10      | 5 mm    | 25    | 1632330000 |
|                         |         |       |            |
|                         |         |       |            |
|                         |         |       |            |
|                         |         |       |            |
|                         |         |       |            |

DEK 5/5 / WS 12/5

Use a 2.5 / 1 mm<sup>2</sup> conductor when using the WQB.

## WDU 2.5

2.5 mm<sup>2</sup>

5.1 x 60 x 47  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (C)     | 550        |
| 24  | 25 (C)      | 20 (C)      | 21         |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5        |

8 kV / 3  
A3 / V-0

KEMA 98ATEX1683 U

| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDU 2.5    | 100  | 1020000000 |
| WDU 2.5 BL | 100  | 1020080000 |

Rated voltage is 400 V when using cross-connection ZQV  
Refer to the W-Series Accessories section for colour versions.

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| ZQV 2.5N/2 GE           | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE           | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE           | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE          | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE          | 24 A    | 20   | 1909000000 |
|                         |         |      |            |
| WQV 2.5/2               | 32 A    | 50   | 1053660000 |
| WQV 2.5/3               | 32 A    | 50   | 1053760000 |
| WQV 2.5/4               | 32 A    | 50   | 1053860000 |
| WQV 2.5/10              | 32 A    | 20   | 1054460000 |
|                         |         |      |            |
| Width                   |         |      |            |
| WAP 2.5-10              | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 BL           | 1.5 mm  | 50   | 1050080000 |
| WAP 16+35 WTW 2.5-10    | 1.5 mm  | 20   | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm  | 20   | 1050180000 |
|                         |         |      |            |
| WEW 35/2                | 8 mm    | 100  | 1061200000 |
|                         |         |      |            |
| WTA 2 WDU2.5-10         | 5 mm    | 25   | 1632320000 |
| WTA 2/ZA WDU2.5-10      | 5 mm    | 25   | 1632330000 |
|                         |         |      |            |
| WAD 5 MC NE WS          | 5 mm    | 48   | 1112910000 |
| WAD 5 MC NE GE          | 5 mm    | 48   | 1112920000 |

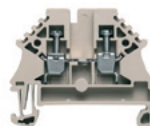
DEK 5/5 / WS 12/5

Ensure 2.5 mm<sup>2</sup> max. when using the WQB. Only 400 V when using the shielding rail LS 2.8 1056400000.

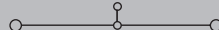
## WDU 2.5N

2.5 mm<sup>2</sup>

With screwable cross-connection  
Compact design



5.1 x 44 x 37.5  
32 / 4  
0.05...4



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 500 | 300 (D)     | 300 (D)     | 440        |
| 24  | 10 (D)      | 10 (D)      | 21         |
| 2.5 | AWG 22...12 | AWG 26...12 | 2.5        |

6 kV / 3  
A3 / V-0

KEMA 98ATEX1683 U

| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WDU 2.5N    | 100  | 1023700000 |
| WDU 2.5N BL | 100  | 1023780000 |

Colour variants listed under the W-Series accessories section,  
"Specific functions".

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
|                   |         |      |            |
| WQV 2.5/2         | 32 A    | 50   | 1053660000 |
| WQV 2.5/3         | 32 A    | 50   | 1053760000 |
| WQV 2.5/4         | 32 A    | 50   | 1053860000 |
| WQV 2.5/10        | 32 A    | 20   | 1054460000 |
|                   |         |      |            |
| Width             |         |      |            |
| WAP WDU2.5N/4N    | 1.5 mm  | 50   | 1060000000 |
| WAP WDU2.5N/4N BL | 1.5 mm  | 50   | 1060080000 |
|                   |         |      |            |
| EW 35             | 8.5 mm  | 50   | 0383560000 |
|                   |         |      |            |
| WTA 1 WDU1.5      | 5 mm    | 25   | 1632290000 |
| WTA 1/ZA WDU1.5   | 5 mm    | 25   | 1632300000 |
|                   |         |      |            |
| WAD 4 GE BED      | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS          | 4.5 mm  | 50   | 1072100000 |

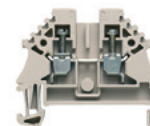
DEK 5/5 / WS 12/5

Socket and test plug, see section "W-Series accessories".

## WDU 2.5N/ZQV

2.5 mm<sup>2</sup>

With pluggable cross-connection  
Compact design



5.1 x 44 x 37.5  
32 / 4  
0.05...4



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 600 (C)     | 300 (C)     |
| 24  | 25 (C)      | 25 (C)      |
| 2.5 | AWG 22...12 | AWG 26...12 |

6 kV / 3  
A3 / V-0

KEMA 98ATEX1683 U

| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WDU 2.5N ZQV    | 100  | 1040800000 |
| WDU 2.5N ZQV BL | 100  | 1040880000 |

Rated voltage is 400 V when using the ZQV cross-connector.

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZQV 2.5N/2 GE     | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE     | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE     | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE    | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE    | 24 A    | 20   | 1909000000 |
|                   |         |      |            |
| Width             |         |      |            |
| WAP WDU2.5N/4N    | 1.5 mm  | 50   | 1060000000 |
| WAP WDU2.5N/4N BL | 1.5 mm  | 50   | 1060080000 |
|                   |         |      |            |
| EW 35             | 8.5 mm  | 50   | 0383560000 |
|                   |         |      |            |
| WTA 1 WDU1.5      | 5 mm    | 25   | 1632290000 |
| WTA 1/ZA WDU1.5   | 5 mm    | 25   | 1632300000 |
|                   |         |      |            |
| WAD 4 GE BED      | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS          | 4.5 mm  | 50   | 1072100000 |

DEK 5/5 / WS 12/5



## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |

**Note**

## Ordering data

| Version          |  |
|------------------|--|
| Dark beige Wemid |  |
| Blue Wemid       |  |
| Note             |  |

## Accessories

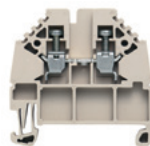
| Pluggable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
|                             | 20-/24-pole                     |
| Screwable cross-connection  |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Blue Wemid                      |
|                             | Dark beige Wemid                |
|                             | Blue Wemid                      |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
|                             | Dark beige Wemid                |
| Testing / Checking          |                                 |
|                             | Standard                        |
|                             | With assembly peg               |
| Cover                       |                                 |
|                             | With lightning flash symbol     |
|                             | Blank, white                    |
|                             | Blank, yellow                   |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

## WDU 2.5N/600 UL

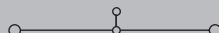
2.5 mm<sup>2</sup>

600V UL/CSA

Compact design



5.1 x 44 x 43.5  
32 / 4  
0.05...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 800      | 600 (C)     | 600 (C)     |
| 24       | 25 (C)      | 20 (C)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 8 kV / 3 |             |             |
| A3 / V-0 |             |             |



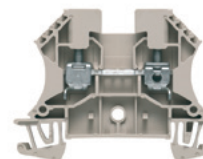
| Rated connection      | Further connection |
|-----------------------|--------------------|
| 0.5...4 / 1.5...4     |                    |
| 0.5...4 / 0.5...2.5   |                    |
| 0.4...0.6 Nm (M 2.5)  |                    |
| 10 / 0.6 x 3.5 mm     |                    |
| 0.5...1.5             |                    |
| 0.5...1.5 / 0.5...1.5 |                    |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

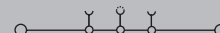
| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WDU 2.5N/600UL | 100  | 1730940000 |

| Type                                                      | current | Qty. | Order No.  |
|-----------------------------------------------------------|---------|------|------------|
| WQV 2.5/2                                                 | 32 A    | 50   | 1053660000 |
| WQV 2.5/3                                                 | 32 A    | 50   | 1053760000 |
| WQV 2.5/4                                                 | 32 A    | 50   | 1053860000 |
| WQV 2.5/10                                                | 32 A    | 20   | 1054460000 |
| Width                                                     |         |      |            |
| WAP WDU2.5N/4N                                            | 1.5 mm  | 50   | 1060000000 |
| WAP WDU2.5N/4N BL                                         | 1.5 mm  | 50   | 1060080000 |
| Width                                                     |         |      |            |
| WEW 35/2                                                  | 8 mm    | 100  | 1061200000 |
| Width                                                     |         |      |            |
| WTA 1 WDU1.5                                              | 5 mm    | 25   | 1632290000 |
| WTA 1/ZA WDU1.5                                           | 5 mm    | 25   | 1632300000 |
| Width                                                     |         |      |            |
| WAD 4 GE BED                                              | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS                                                  | 4.5 mm  | 50   | 1072100000 |
| Width                                                     |         |      |            |
| DEK 5/5 / WS 12/5                                         |         |      |            |
| Socket and test plug, see section "W-Series accessories". |         |      |            |

## WDU 4

4 mm<sup>2</sup>

6.1 x 60 x 47  
41 / 6  
0.13...6



IEC 60947-7-1

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     | 690        |
| 32       | 35 (C)      | 35 (C)      | 28         |
| 4        | AWG 22...10 | AWG 26...10 | 4          |
| 8 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |



KEMA 98ATEX1683 U

| Rated connection      | Further connection |
|-----------------------|--------------------|
| 0.5...6 / 1.5...6     |                    |
| 0.5...6 / 0.5...4     |                    |
| 0.5...1 Nm (M 3)      |                    |
| 10 / 0.6 x 3.5 mm     |                    |
| 0.5...2.5             |                    |
| 0.5...1.5 / 0.5...1.5 |                    |

Rated voltage is 400 V when using the ZQV cross-connector.  
Note max. current of terminal (41 A) when using WQV!

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDU 4    | 100  | 1020100000 |
| WDU 4 BL | 100  | 1020180000 |

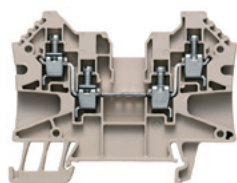
1000 V DC rated voltage tested.  
Refer to the W-Series Accessories section for colour versions.

| Type                                                                                                                   | current | Qty. | Order No.  |
|------------------------------------------------------------------------------------------------------------------------|---------|------|------------|
| ZQV 4N/2 GE                                                                                                            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE                                                                                                            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE                                                                                                            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE                                                                                                           | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE                                                                                                           | 32 A    | 20   | 1909020000 |
| Width                                                                                                                  |         |      |            |
| WQV 4/2                                                                                                                | 32 A    | 50   | 1051960000 |
| WQV 4/3                                                                                                                | 32 A    | 50   | 1054560000 |
| WQV 4/4                                                                                                                | 32 A    | 50   | 1054660000 |
| WQV 4/10                                                                                                               | 41 A    | 20   | 1052060000 |
| Width                                                                                                                  |         |      |            |
| WAP 2.5-10                                                                                                             | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 BL                                                                                                          | 1.5 mm  | 50   | 1050080000 |
| WAP 16+35 WTW 2.5-10                                                                                                   | 1.5 mm  | 20   | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL                                                                                                | 1.5 mm  | 20   | 1050180000 |
| Width                                                                                                                  |         |      |            |
| WEW 35/2                                                                                                               | 8 mm    | 100  | 1061200000 |
| Width                                                                                                                  |         |      |            |
| WTA 3 WDU4                                                                                                             | 6 mm    | 25   | 1632350000 |
| WTA 3/ZA WDU4                                                                                                          | 6 mm    | 25   | 1632360000 |
| Width                                                                                                                  |         |      |            |
| WAD 5 MC NE WS                                                                                                         | 5 mm    | 48   | 1112910000 |
| WAD 5 MC NE GE                                                                                                         | 5 mm    | 48   | 1112920000 |
| Width                                                                                                                  |         |      |            |
| WS 12/6                                                                                                                |         |      |            |
| Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000. |         |      |            |

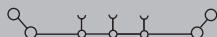
## WDU 4/ZZ

4 mm<sup>2</sup>

Twin connection



6.1 x 70 x 53.5  
32 / 6  
0.05...6



IEC 60947-7-1

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     |            |
| 32       | 30 (C)      | 30 (C)      |            |
| 4        | AWG 30...10 | AWG 30...10 | 4          |
| 8 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |



| Rated connection   | Further connection |
|--------------------|--------------------|
| 0.5...6 / 0.5...6  | 0.5...6            |
| 0.5...4 / 0.5...4  | 0.5...4 / 0.5...4  |
| 0.5...0.8 Nm (M 3) |                    |
| 10 / 0.6 x 3.5 mm  |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDU 4/ZZ | 50   | 1905060000 |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZQV 4N/2 GE  | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE  | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE  | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE | 32 A    | 20   | 1909020000 |

| Type            | Width  | Qty. | Order No.  |
|-----------------|--------|------|------------|
| WAP WDU/WTR4/ZR | 1.5 mm | 50   | 1905070000 |

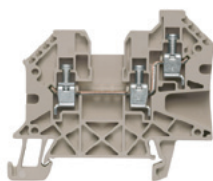
| Type     | current | Qty. | Order No.  |
|----------|---------|------|------------|
| WEW 35/2 | 8 mm    | 100  | 1061200000 |

DEK 5/6 / WS 12/6

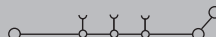
## WDU 4/ZR

4 mm<sup>2</sup>

Supplementary connection, right



6.1 x 63.5 x 53.5  
32 / 6  
0.05...6



IEC 60947-7-1

Ex e II  II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 600 (C)     |            |
| 32       | 30 (C)      | 30 (C)      |            |
| 4        | AWG 30...10 | AWG 30...10 | 4          |
| 8 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |



| Rated connection   | Further connection |
|--------------------|--------------------|
| 0.5...6 / 0.5...6  | 0.5...6            |
| 0.5...4 / 0.5...4  | 0.5...4 / 0.5...4  |
| 0.5...0.8 Nm (M 3) |                    |
| 10 / 0.6 x 3.5 mm  |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDU 4/ZR | 50   | 1905140000 |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZQV 4N/2 GE  | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE  | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE  | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE | 32 A    | 20   | 1909020000 |

| Type            | Width  | Qty. | Order No.  |
|-----------------|--------|------|------------|
| WAP WDU/WTR4/ZR | 1.5 mm | 50   | 1905070000 |

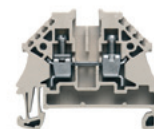
| Type     | current | Qty. | Order No.  |
|----------|---------|------|------------|
| WEW 35/2 | 8 mm    | 100  | 1061200000 |

DEK 5/6 / WS 12/6

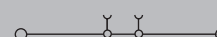
## WDU 4N

4 mm<sup>2</sup>

Compact design



6.1 x 44 x 38.5  
39 / 6  
0.13...6



IEC 60947-7-1

Ex e II  II 2 G D

| IEC      | UL          | CSA | EN 60079-7 |
|----------|-------------|-----|------------|
| 500      | 300 (D)     |     | 440        |
| 32       | 10 (D)      |     | 27         |
| 4        | AWG 26...10 |     | 4          |
| 6 kV / 3 |             |     |            |
| A4 / V-0 |             |     |            |



| Rated connection  | Further connection |
|-------------------|--------------------|
| 0.5...6 / 1.5...6 |                    |
| 0.5...4 / 0.5...4 |                    |
| 0.5...1 Nm (M 3)  |                    |
| 11 / 0.6 x 3.5 mm |                    |

0.5...1.5

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WDU 4N    | 100  | 1042600000 |
| WDU 4N BL | 100  | 1042680000 |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZQV 4N/2 GE  | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE  | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE  | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE | 32 A    | 20   | 1909020000 |

| Type              | Width  | Qty. | Order No.  |
|-------------------|--------|------|------------|
| WAP WDU2.5N/4N    | 1.5 mm | 50   | 1060000000 |
| WAP WDU2.5N/4N BL | 1.5 mm | 50   | 1060080000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WTA 1 WDU1.5    | 5 mm    | 25   | 1632290000 |
| WTA 1/ZA WDU1.5 | 5 mm    | 25   | 1632300000 |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| WAD 4 GE BED | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS     | 4.5 mm  | 50   | 1072100000 |

DEK 5/6 / WS 12/6



## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

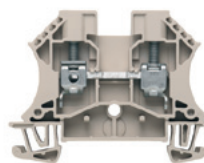
| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

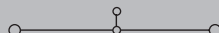
| Screwable cross-connection  |                             |
|-----------------------------|-----------------------------|
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
| End plate / Partition plate |                             |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
| End bracket                 |                             |
|                             | Dark beige Wemid            |
| Testing / Checking          |                             |
|                             | Standard                    |
| Cover                       |                             |
|                             | With lightning flash symbol |
|                             | Blank, white                |
|                             | Blank, yellow               |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WDU 6

6 mm<sup>2</sup>

7.9 x 60 x 47  
57 / 10  
0.22...10



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL         | CSA        | EN 60079-7 |
|-----|------------|------------|------------|
| 800 | 600 (C)    | 600 (C)    | 550        |
| 41  | 50 (C)     | 50 (C)     | 36         |
| 6   | AWG 22...8 | AWG 22...8 | 6          |

8 kV / 3

A5 / V-0

KEMA 98ATEX1683 U

| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...10 / 1.5...10  |                    |
| 0.5...10 / 0.5...6   |                    |
| 0.8...1.6 Nm (M 3.5) |                    |
| 12 / 4.0 x 0.8 mm    |                    |

0.5...2.5  
0.5...2.5 / 0.5...2.5

Note max. current of terminal (57 A) when using WQV! Conductor connection H07V...10 and AWG 8 tighten with 1.4-1.6 Nm.

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDU 6    | 100  | 1020200000 |
| WDU 6 BL | 100  | 1020280000 |

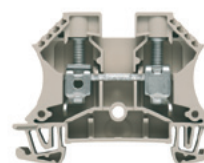
1000 V DC rated voltage tested.  
Refer to the W-Series Accessories section for colour versions.

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| WQV 6/2                 | 57 A    | 50   | 1052360000 |
| WQV 6/3                 | 57 A    | 50   | 1054760000 |
| WQV 6/4                 | 57 A    | 50   | 1054860000 |
| WQV 6/10                | 57 A    | 20   | 1052260000 |
| Width                   |         |      |            |
| WAP 2.5-10              | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 BL           | 1.5 mm  | 50   | 1050080000 |
| WAP 16+35 WTW 2.5-10    | 1.5 mm  | 20   | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm  | 20   | 1050180000 |
| Width                   |         |      |            |
| WEW 35/2                | 8 mm    | 100  | 1061200000 |
| Width                   |         |      |            |
| WTA 5/1                 | 5 mm    | 25   | 1051260000 |
| Width                   |         |      |            |
| WAD 8 MC NE WS          | 8 mm    | 48   | 1112940000 |
| WAD 8 MC NE GE          | 8 mm    | 48   | 1112950000 |

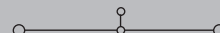
DEK 5/8 / WS 12/6,5

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.

## WDU 10

10 mm<sup>2</sup>

9.9 x 60 x 47  
76 / 16  
1.31...16



IEC 60947-7-1

Ex e II II 2 G D

| IEC  | UL         | CSA        | EN 60079-7 |
|------|------------|------------|------------|
| 1000 | 600 (C)    | 600 (C)    | 550        |
| 57   | 65 (C)     | 65 (C)     | 50         |
| 10   | AWG 18...6 | AWG 18...6 | 10         |

8 kV / 3

B6 / V-0

KEMA 98ATEX1683 U

| Rated connection    | Further connection |
|---------------------|--------------------|
| 1.5...16 16         |                    |
| 1.5...16 / 1.5...16 |                    |
| 1.2...2.4 Nm (M 4)  |                    |
| 12 / 1.0 x 5.5 mm   |                    |

1.5...6 / 0.5...6  
0.5...6 / 0.5...6

Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WDU 10    | 50   | 1020300000 |
| WDU 10 BL | 50   | 1020380000 |

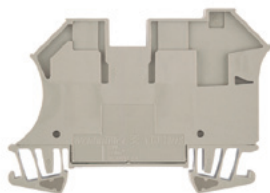
For colour variants, refer to the W-Series accessories section, "Specific functions".

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| WQV 10/2                | 57 A    | 50   | 1052560000 |
| WQV 10/3                | 57 A    | 50   | 1054960000 |
| WQV 10/4                | 57 A    | 50   | 1055060000 |
| WQV 10/10               | 57 A    | 20   | 1052460000 |
| Width                   |         |      |            |
| WAP 2.5-10              | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 BL           | 1.5 mm  | 50   | 1050080000 |
| WAP 16+35 WTW 2.5-10    | 1.5 mm  | 20   | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm  | 20   | 1050180000 |
| Width                   |         |      |            |
| WEW 35/2                | 8 mm    | 100  | 1061200000 |
| Width                   |         |      |            |
| WTA 5/1                 | 5 mm    | 25   | 1051260000 |
| Width                   |         |      |            |
| WAD 8 MC NE WS          | 8 mm    | 48   | 1112940000 |
| WAD 8 MC NE GE          | 8 mm    | 48   | 1112950000 |

DEK 5/5 / WS 12/6,5

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.

## WDU 10/ZR

10 mm<sup>2</sup>Supplementary connection, right (4 mm<sup>2</sup>)

9.9 x 70 x 49.5

76 / 16

1.31...16



IEC 60947-7-1

| IEC          | UL         | CSA        |
|--------------|------------|------------|
| 800          | 600 (C)    | 600 (C)    |
| 57           | 65 (C)     | 65 (C)     |
| 10           | AWG 16...6 | AWG 16...6 |
| 8 kV / 3     |            |            |
| B6, A4 / V-0 |            |            |



| Rated connection    | Further connection |
|---------------------|--------------------|
| 1.5...16 / 1.5...16 | 0.5...6 / 1.5...4  |
| 1...6 / 1.5...16    | 0.5...4 / 0.5...4  |
| 1.2...2.4 Nm (M 4)  |                    |
| 12 / 0.6 x 3.5 mm   | 10 / 0.6 x 3.5 mm  |

1.5...6

1...6 / 1...6

Note max. current of terminal (76 A) when using WQV, AWG 6/7 and H07V-R16 secured with 2.4 Nm. ZR connection top right A 4.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WDU 10/ZR    | 50   | 1042400000 |
| WDU 10/ZR BL | 50   | 1042480000 |

The rated specifications refer to the 10 mm<sup>2</sup> connection.

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| WQV 10/2  | 57 A    | 50   | 1052560000 |
| WQV 10/3  | 57 A    | 50   | 1054960000 |
| WQV 10/4  | 57 A    | 50   | 1055060000 |
| WQV 10/10 | 57 A    | 20   | 1052460000 |

| Width |  |
|-------|--|
|       |  |

|                         |        |    |            |
|-------------------------|--------|----|------------|
| WAP 16+35 WTW 2.5-10    | 1.5 mm | 20 | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |

|          |      |     |            |
|----------|------|-----|------------|
| WEW 35/2 | 8 mm | 100 | 1061200000 |
|----------|------|-----|------------|

|         |      |    |            |
|---------|------|----|------------|
| WTA 5/1 | 5 mm | 25 | 1051260000 |
|---------|------|----|------------|

|                |       |    |            |
|----------------|-------|----|------------|
| WAD 12 M. BL.  | 12 mm | 50 | 1055960000 |
| WAD 12 NEUTRAL | 12 mm | 50 | 1056260000 |

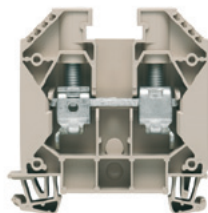
DEK 5/5 / WS 12/6,5

Socket and test plug, see section "W-Series accessories".

## WDU 16

16 mm<sup>2</sup>

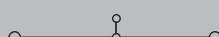
With peg for higher connection stability



11.9 x 60 x 63

101 / 25

0.82...25



IEC 60947-7-1

Ex e II II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 1000     | 600 (C)    | 600 (C)    | 690        |
| 76       | 85 (C)     | 85 (C)     | 66         |
| 16       | AWG 18...4 | AWG 18...6 | 16         |
| 8 kV / 3 |            |            |            |
| B7 / V-0 |            |            |            |



KEMA 98ATEX1683 U

| Rated connection    | Further connection |
|---------------------|--------------------|
| 1.5...16 / 1.5...25 |                    |
| 1.5...25 / 1.5...16 |                    |
| 3...4 Nm (M 5)      |                    |
| 16 / 1.0 x 5.5 mm   |                    |

1.5...4

1.5...4 / 1.5...4

Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WDU 16/ZA    | 50   | 1028900000 |
| WDU 16/ZA BL | 50   | 1028980000 |

Order no. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| WQV 16/2  | 76 A    | 50   | 1053260000 |
| WQV 16/3  | 76 A    | 50   | 1055160000 |
| WQV 16/4  | 76 A    | 50   | 1055260000 |
| WQV 16/10 | 76 A    | 10   | 1053360000 |

| Width |  |
|-------|--|
|       |  |

|                         |        |    |            |
|-------------------------|--------|----|------------|
| WAP 16+35 WTW 2.5-10    | 1.5 mm | 20 | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |

|          |       |    |            |
|----------|-------|----|------------|
| WEW 35/1 | 12 mm | 50 | 1059000000 |
|----------|-------|----|------------|

|                |       |    |            |
|----------------|-------|----|------------|
| WAD 12 M. BL.  | 12 mm | 50 | 1055960000 |
| WAD 12 NEUTRAL | 12 mm | 50 | 1056260000 |

DEK 5/5 / WS 12/6,5

Socket and test plug, see section "W-Series accessories".

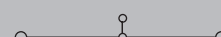
## WDU 16N

16 mm<sup>2</sup>Suitable for power distribution  
Compact design

12 x 60 x 47

101 / 25

1.5...25



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 690      | 300 (C)    | 300 (C)    |
| 76       | 70 (C)     | 70 (C)     |
| 16       | AWG 14...6 | AWG 14...6 |
| 8 kV / 3 |            |            |
| B7 / V-0 |            |            |



| Rated connection    | Further connection |
|---------------------|--------------------|
| 1.5...16 / 1.5...25 |                    |
| 1.5...16 / 1.5...16 |                    |
| 1.2...2.4 Nm (M 4)  |                    |
| 12 / 1.0 x 5.5 mm   |                    |

1.5...4

1.5...4 / 1.5...4

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDU 16N    | 50   | 1036100000 |
| WDU 16N BL | 50   | 1036180000 |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| WQV 16N/2 | 76 A    | 50   | 1636560000 |
| WQV 16N/3 | 76 A    | 50   | 1636570000 |
| WQV 16N/4 | 76 A    | 50   | 1636580000 |

| Width |  |
|-------|--|
|       |  |

|        |      |    |            |
|--------|------|----|------------|
| WTW EN | 3 mm | 20 | 1058800000 |
|--------|------|----|------------|

|          |      |     |            |
|----------|------|-----|------------|
| WEW 35/2 | 8 mm | 100 | 1061200000 |
|----------|------|-----|------------|

|                 |      |    |            |
|-----------------|------|----|------------|
| WTA 2 WDU2.5-10 | 5 mm | 25 | 1632320000 |
|-----------------|------|----|------------|

|                |       |    |            |
|----------------|-------|----|------------|
| WAD 12N GE BED | 12 mm | 50 | 1073200000 |
| WAD 12 NEUTRAL | 12 mm | 50 | 1056260000 |

DEK 5/5 / WS 10/12

Socket and test plug, see section "W-Series accessories".

## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

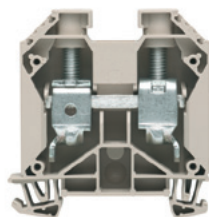
| Screwable cross-connection  |                             |
|-----------------------------|-----------------------------|
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
| End plate / Partition plate |                             |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
| End bracket                 |                             |
|                             | Dark beige Wemid            |
| Testing / Checking          |                             |
|                             | Standard                    |
| Cover                       |                             |
|                             | With lightning flash symbol |
|                             | Blank, white                |
|                             | Blank, yellow               |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDU 35

35 mm<sup>2</sup>

Clamping screw / spigot for good connection stability



|              |  |
|--------------|--|
| 16 x 60 x 63 |  |
| 150 / 50     |  |
| 2.5...50     |  |

IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 1000     | 1000 (C)   | 1000 (C)   | 690        |
| 125      | 150 (C)    | 150 (C)    | 109        |
| 35       | AWG 12...0 | AWG 12...2 | 35         |
| 8 kV / 3 |            |            |            |
| B8 / V-0 |            |            |            |

KEMA 98ATEX1683 U

| Rated connection    | Further connection |
|---------------------|--------------------|
| 2.5...16 / 2.5...50 |                    |
| 2.5...35 / 2.5...35 |                    |
| 4...5 Nm (M 6)      |                    |
| 18 / 6.5 x 1.2 mm   |                    |

|                     |
|---------------------|
| 2.5...10 / 16...16  |
| 2.5...16 / 2.5...16 |

| Type                                                                       | Qty. | Order No.  |
|----------------------------------------------------------------------------|------|------------|
| WDU 35/ZA                                                                  | 40   | 1028800000 |
| WDU 35/ZA BL                                                               | 40   | 1028880000 |
| Order no. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.) |      |            |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| WQV 35/2  | 135 A   | 50   | 1053060000 |
| WQV 35/3  | 112 A   | 50   | 1055360000 |
| WQV 35/4  | 112 A   | 50   | 1055460000 |
| WQV 35/10 | 112 A   | 10   | 1053160000 |

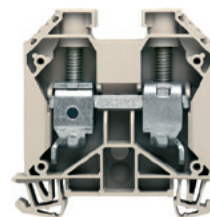
| Width                   |        |    |            |
|-------------------------|--------|----|------------|
|                         |        |    |            |
| WAP 16+35 WTW 2.5-10    | 1.5 mm | 20 | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |
|                         |        |    |            |
| WEW 35/1                | 12 mm  | 50 | 1059000000 |
|                         |        |    |            |
| WAD 12 M. BL.           | 12 mm  | 50 | 1055960000 |
| WAD 12 NEUTRAL          | 12 mm  | 50 | 1056260000 |

|                                                           |
|-----------------------------------------------------------|
| DEK 5/5 / WS 12/6,5                                       |
| Socket and test plug, see section "W-Series accessories". |

## WDU 35 IK

35 mm<sup>2</sup>

Hexagonal socket / spigot for good connection stability



|              |  |
|--------------|--|
| 16 x 60 x 63 |  |
| 150 / 50     |  |
| 2.5...50     |  |

IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL          | CSA        | EN 60079-7 |
|----------|-------------|------------|------------|
| 1000     | 600 (C)     | 600 (C)    | 690        |
| 125      | 150 (C)     | 120 (C)    | 109        |
| 35       | AWG 12...12 | AWG 12...2 | 35         |
| 8 kV / 3 |             |            |            |
| B8 / V-0 |             |            |            |

KEMA 98ATEX1683 U

| Rated connection    | Further connection |
|---------------------|--------------------|
| 2.5...16 / 2.5...50 |                    |
| 2.5...35 / 2.5...35 |                    |
| 4...6 Nm (M 6)      |                    |
| 18 / S6 (DIN 6911)  |                    |

|                     |
|---------------------|
| 2.5...10 / 16...16  |
| 2.5...16 / 2.5...16 |

| Type                                                                       | Qty. | Order No.  |
|----------------------------------------------------------------------------|------|------------|
| WDU 35/IK/ZA                                                               | 25   | 1029000000 |
| Order no. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.) |      |            |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| WQV 35/2  | 135 A   | 50   | 1053060000 |
| WQV 35/3  | 112 A   | 50   | 1055360000 |
| WQV 35/4  | 112 A   | 50   | 1055460000 |
| WQV 35/10 | 112 A   | 10   | 1053160000 |

| Width                   |        |    |            |
|-------------------------|--------|----|------------|
|                         |        |    |            |
| WAP 16+35 WTW 2.5-10    | 1.5 mm | 20 | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |
|                         |        |    |            |
| WEW 35/1                | 12 mm  | 50 | 1059000000 |
|                         |        |    |            |
| WAD 12 M. BL.           | 12 mm  | 50 | 1055960000 |
| WAD 12 NEUTRAL          | 12 mm  | 50 | 1056260000 |

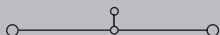
|                                                           |
|-----------------------------------------------------------|
| DEK 5/5 / WS 12/6,5                                       |
| Socket and test plug, see section "W-Series accessories". |

**WDU 35N****35 mm<sup>2</sup>**

Suitable for power distribution  
Compact design



16 x 66 x 51

**150 / 50****2.5...50**

IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 500      | 1000 (C)   | 300 (D)    |
| 125      | 150 (C)    | 10 (D)     |
| 35       | AWG 12...0 | AWG 12...2 |
| 6 kV / 3 |            |            |
| B8 / V-0 |            |            |

| Rated connection    | Further connection |
|---------------------|--------------------|
| 2.5...16 / 2.5...50 |                    |
| 2.5...35 / 2.5...35 |                    |
| 4...5 Nm (M 6)      |                    |
| 18 / 6.5 x 1.2 mm   |                    |
| 2.5...6             |                    |
| 2.5...6 / 2.5...6   |                    |

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WDU 35N                                                                                                              | 20   | <b>1040400000</b> |
| WDU 35N BL                                                                                                           | 20   | <b>1040480000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

| Type           | current | Qty. | Order No.         |
|----------------|---------|------|-------------------|
| WQV 35N/2      | 135 A   | 20   | <b>1079200000</b> |
| WQV 35N/3      | 101 A   | 20   | <b>1079300000</b> |
| WQV 35N/4      | 101 A   | 20   | <b>1079400000</b> |
| Width          |         |      |                   |
| WTW EN         | 3 mm    | 20   | <b>1058800000</b> |
| WEW 35/2       | 8 mm    | 100  | <b>1061200000</b> |
| WAD 16N GE BED | 15.8 mm | 50   | <b>1083600000</b> |

DEK 5/5 / WS 12/6,5

## Feed-through terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages! The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

| Screwable cross-connection                                                          |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
|  | 2-pole                      |
|                                                                                     | 3-pole                      |
|                                                                                     | 4-pole                      |
| End bracket                                                                         |                             |
|                                                                                     | Dark beige Wemid            |
| Cover                                                                               |                             |
|  | With lightning flash symbol |
| Additional connection                                                               |                             |
|                                                                                     | 10 mm <sup>2</sup>          |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

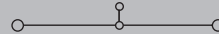
## WDU 50N

50 mm<sup>2</sup>

## Compact design



18.5 x 70 x 70.6  
192 / 70  
10...70



IEC 60947-7-1

Ex e II



II 2 G D

| IEC  | UL         | CSA       | EN 60079-7 |
|------|------------|-----------|------------|
| 1000 | 600 (C)    | 600 (C)   | 690        |
| 150  | 150 (C)    | 150 (C)   | 126        |
| 50   | AWG 10...0 | AWG 8...0 | 50         |

8 kV / 3

B10 / V-0



KEMA 98ATEX1685 U

| Rated connection   | Further connection |
|--------------------|--------------------|
| 10...16 / 10...70  |                    |
| 10...50 / 10...50  |                    |
| 3.5...6 Nm (M 6)   |                    |
| 24 / S4 (DIN 6911) |                    |

...16 / 6...16

6...16 / 6...16

Copper straps can be used; see online catalogue for possible connections.

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 50N                                                                                                              | 10   | 1820840000 |
| WDU 50N BL                                                                                                           | 10   | 1820850000 |
| 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. |      |            |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 50N/2     | 150 A   | 5    | 1834060000 |
| WQV 50N/3     | 150 A   | 5    | 1834070000 |
| WQV 50N/4     | 150 A   | 5    | 1834080000 |
| Width         |         |      |            |
| WEW 35/1      | 12 mm   | 50   | 1059000000 |
| WAD 20 GE WSD | 18 mm   | 10   | 9512260000 |
| WZAD 50N      | 12.5 mm | 5    | 1872720000 |

DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm<sup>2</sup>, 41 A).

## WDU 50N IR

50 mm<sup>2</sup>

## Six-lobe socket



NEW

18.5 x 70 x 70.6  
192 / 70  
10...70

IEC 60947-7-1

| IEC  | UL | CSA |
|------|----|-----|
| 1000 |    |     |
| 150  |    |     |
| 50   |    |     |

8 kV / 3

B10 / V-0



| Rated connection  | Further connection |
|-------------------|--------------------|
| 10...16 / 10...70 |                    |
| 10...50 / 10...50 |                    |
| 3...6 Nm (M 6)    |                    |
| 24 /              |                    |

...16 / 6...16

6...16 / 6...16

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 50N IR                                                                                                           | 10   | 1186630000 |
| 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. |      |            |

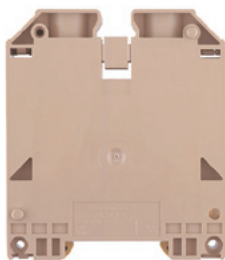
| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 50N/2     | 150 A   | 5    | 1834060000 |
| WQV 50N/3     | 150 A   | 5    | 1834070000 |
| WQV 50N/4     | 150 A   | 5    | 1834080000 |
| Width         |         |      |            |
| WEW 35/1      | 12 mm   | 50   | 1059000000 |
| WAD 20 GE WSD | 18 mm   | 10   | 9512260000 |
| WZAD 50N      | 12.5 mm | 5    | 1872720000 |

DEK 5/5 / WS 12/6,5

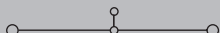
## WDU 70N

70 mm<sup>2</sup>

Compact design



20.5 x 75 x 86  
232 / 95  
10...95



IEC 60947-7-1

Ex e II  II 2 G D

| IEC       | UL          | CSA         | EN 60079-7 |
|-----------|-------------|-------------|------------|
| 1000      | 600 (C)     | 600 (C)     | 690        |
| 192       | 195 (C)     | 205 (C)     | 167        |
| 70        | AWG 6...000 | AWG 6...000 | 70         |
| 8 kV / 3  |             |             |            |
| B11 / V-0 |             |             |            |



KEMA 98ATEX1683 U

| Rated connection   | Further connection |
|--------------------|--------------------|
| 10...16 / 10...95  |                    |
| 10...70 / 10...70  |                    |
| 6...12 Nm (M 8)    |                    |
| 22 / S6 (DIN 6911) |                    |
| 10...16 / 10...    |                    |
| 10...25 / 6...25   |                    |

Copper straps can be used; see online catalogue for possible connections.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WDU 70N/35    | 10   | 9512190000 |
| WDU 70N/35 BL | 10   | 9512420000 |

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 70N/2     | 192 A   | 5    | 9512240000 |
| WQV 70N/3     | 192 A   | 5    | 9512250000 |
| WQV 70N/4     | 192 A   | 5    | 9531290000 |
| Width         |         |      |            |
| WEW 35/1      | 12 mm   | 50   | 1059000000 |
| WAD 20 GE WSD | 18 mm   | 10   | 9512260000 |
| WZAD 70N      | 12.5 mm | 5    | 1964830000 |

DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm<sup>2</sup>, 41 A).

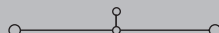
## WDU 95N/120N

120 mm<sup>2</sup>

Compact design



27 x 91 x 91  
290 / 150  
16...150



IEC 60947-7-1

Ex e II  II 2 G D

| IEC       | UL          | CSA          | EN 60079-7 |
|-----------|-------------|--------------|------------|
| 1000      | 1000 (C)    | 1000 (C)     | 880        |
| 269       | 228 (C)     | 220 (C)      | 243        |
| 120       | AWG 4...250 | AWG 4...0000 | 120        |
| 8 kV / 3  |             |              |            |
| B13 / V-0 |             |              |            |



KEMA 98ATEX1683 U

| Rated connection   | Further connection |
|--------------------|--------------------|
| 16...16 / 16...150 |                    |
| 16...120 / 16...95 |                    |
| 12...20 Nm M 10    |                    |
| 27 / S6 (DIN 6911) |                    |
| 16...16 / 10...35  |                    |
| 16...35 / 10...35  |                    |

Copper straps can be used. See online cat. When connecting AWG conductor of 250 kcmil, use stripping length 30 mm and tightening torque 16 Nm.

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WDU 95N/120N    | 5    | 1820550000 |
| WDU 95N/120N BL | 5    | 1820560000 |

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 95/120/2  | 269 A   | 5    | 1826890000 |
| WQV 95/120/3  | 269 A   | 5    | 1826900000 |
| WQV 95/120/4  | 269 A   | 5    | 1826910000 |
| Width         |         |      |            |
| WEW 35/1      | 12 mm   | 50   | 1059000000 |
| WAD 20 GE WSD | 18 mm   | 10   | 9512260000 |
| WZAD 95N/120N | 12.5 mm | 5    | 1859580000 |

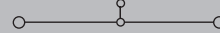
DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm<sup>2</sup>, 41 A).

## WDU 240

240 mm<sup>2</sup>

36 x 100 x 124  
415 / 240  
70...240



IEC 60947-7-1

Ex e II  II 2 G D

| IEC       | UL      | CSA         | EN 60079-7 |
|-----------|---------|-------------|------------|
| 1000      | 600 (C) | 600 (C)     | 1100       |
| 415       | 380 (C) | 400 (C)     | 300        |
| 240       |         | AWG 0...500 | 240        |
| 8 kV / 3  |         |             |            |
| B15 / V-0 |         |             |            |



KEMA 01ATEX2186 U

| Rated connection    | Further connection |
|---------------------|--------------------|
| 70...240 / 70...240 |                    |
| 70...240 / 70...185 |                    |
| 25...30 Nm M 10     |                    |
| 40 / S8 (DIN 6911)  |                    |
| / 35...95           |                    |
| 50...95 / 35...50   |                    |

Copper straps can be used; see online catalogue for possible connections.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDU 240    | 2    | 1802780000 |
| WDU 240 BL | 2    | 1822210000 |

| Type      | current  | Qty. | Order No.  |
|-----------|----------|------|------------|
| WQB 240/2 | 320 A    | 5    | 1802790000 |
| WQB 240/3 | 320 A    | 5    | 1802800000 |
| Width     |          |      |            |
| WEW 35/1  | 12 mm    | 50   | 1059000000 |
| WZAD 240  | 10.15 mm | 5    | 1802810000 |

DEK 5/5 / WS 12/6,5

Aux. connection for extra conductor "WZAD 240", Order no. 1802810000 (up to 10 mm<sup>2</sup>, 57 A) ELPF insertion profile, for ribbon cable, Order no. 1824680000.

## Feed-through terminals

Wires with large cross-sections do not need forceful pushing in. Instead they can be simply inserted into the terminal block.

Direct mounting is possible using the elongated slots in the bottom of the terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

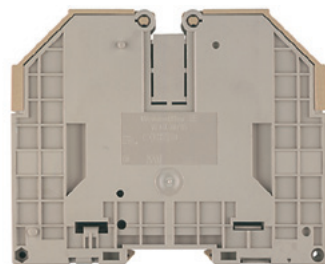
| Screwable cross-connection                                                          |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
|  | 2-pole                      |
|                                                                                     | 3-pole                      |
| End bracket                                                                         |                             |
|                                                                                     | Dark beige Wemid            |
| Cover                                                                               |                             |
|  | With lightning flash symbol |
|                                                                                     | Blank, white                |
| Additional connection                                                               |                             |
|                                                                                     | 4 mm <sup>2</sup>           |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WDU 70/95

95 mm<sup>2</sup>

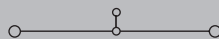
Conductor can be inserted from above / leaf spring



27 x 132 x 115.5

232 / 120

13.3...120



IEC 60947-7-1

Ex e II  II 2 G D

| IEC       | UL         | CSA        | EN 60079-7 |
|-----------|------------|------------|------------|
| 1000      | 1000 (C)   | 600 (C)    | 690        |
| 232       | 175 (C)    | 205 (C)    | 202        |
| 95        | AWG 6...00 | AWG 6...00 | 95         |
| 8 kV / 3  |            |            |            |
| B12 / V-0 |            |            |            |

     KEMA 98ATEX1686 U

| Rated connection   | Further connection |
|--------------------|--------------------|
| 16...16 / 16...120 |                    |
| 16...95 / 16...95  |                    |
| 6...12 Nm (M 8)    |                    |
| 30 / S6 (DIN 6911) |                    |
|                    |                    |
| 16...16 / 16...35  |                    |
| 16...35 / 16...35  |                    |
|                    |                    |

| Type                                                                                                                                             | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 70/95                                                                                                                                        | 10   | 1024600000 |
| WDU 70/95 BL                                                                                                                                     | 10   | 1024680000 |
| Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting. |      |            |

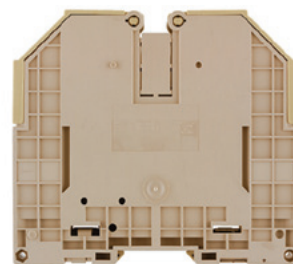
| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| WQV 70/95/2    | 192 A   | 5    | 1063500000 |
| WQV 70/95/3    | 232 A   | 5    | 1063600000 |
| Width          |         |      |            |
| WEW 35/1       | 12 mm   | 50   | 1059000000 |
|                |         |      |            |
| WAD 27 M. BL.  | 27 mm   | 10   | 1062860000 |
| WAD 27 NEUTRAL | 27 mm   | 10   | 1062960000 |
|                |         |      |            |
| WZAD 70/95     | 19.7 mm | 10   | 1066000000 |

|                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 12/6,5                                                                                                 |
| Auxiliary connection for the additional conductor "WZAD 70", Order no. 1066000000 (up to 4 mm <sup>2</sup> , 32 A). |

## WDU 120/150

150 mm<sup>2</sup>

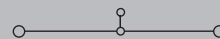
Conductor can be inserted from above / leaf spring



32 x 132 x 125.5

309 / 150

33.63...150



IEC 60947-7-1

Ex e II  II 2 G D

| IEC       | UL          | CSA         | EN 60079-7 |
|-----------|-------------|-------------|------------|
| 1000      | 1000 (C)    | 600 (C)     | 1100       |
| 309       | 225 (C)     | 285 (C)     | 234        |
| 150       | AWG 2...250 | AWG 2...250 | 150        |
| 8 kV / 3  |             |             |            |
| B13 / V-0 |             |             |            |

     KEMA 98ATEX1686 U

| Rated connection    | Further connection |
|---------------------|--------------------|
| / 35...150          |                    |
| 35...150 / 35...150 |                    |
| 10...20 Nm M 10     |                    |
| 35 / S6 (DIN 6911)  |                    |
|                     |                    |
| ...16 / 35...70     |                    |
| 35...70 / 35...70   |                    |
|                     |                    |

| Type                                                                                                                                             | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 120/150                                                                                                                                      | 10   | 1024500000 |
| WDU 120/150 BL                                                                                                                                   | 10   | 1024580000 |
| Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting. |      |            |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| WQV 120/2      | 269 A   | 5    | 1063300000 |
| WQV 120/3      | 269 A   | 5    | 1063400000 |
| Width          |         |      |            |
| WEW 35/1       | 12 mm   | 50   | 1059000000 |
|                |         |      |            |
| WAD 27 M. BL.  | 27 mm   | 10   | 1062860000 |
| WAD 27 NEUTRAL | 27 mm   | 10   | 1062960000 |
|                |         |      |            |
| WZA D120       | 24 mm   | 10   | 1066100000 |

|                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 12/6,5                                                                                                  |
| Auxiliary connection for the additional conductor "WZAD 120", Order no. 1066100000 (up to 4 mm <sup>2</sup> , 32 A). |





## Double-level terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

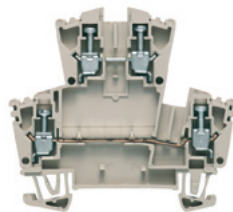
| Pluggable cross-connection  |                             |
|-----------------------------|-----------------------------|
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
|                             | 20-/24-pole                 |
| Screwable cross-connection  |                             |
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
| End plate / Partition plate |                             |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
|                             | Dark beige Wemid            |
| End bracket                 |                             |
|                             | Dark beige Wemid            |
| Screwdriver                 |                             |
|                             | Standard                    |
| Cover                       |                             |
|                             | With lightning flash symbol |
|                             | Blank, white                |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WDK 2.5 ZQV

2.5 mm<sup>2</sup>

## Plug-in cross-connection



|                   |  |
|-------------------|--|
| 5.1 x 65.4 x 63.5 |  |
| 32 / 4            |  |
| 0.05...4          |  |

IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 400      | 300 (C)     | 300 (C)     | 275        |
| 24       | 20 (C)      | 25 (C)      | 21         |
| 2.5      | AWG 30...12 | AWG 26...12 | 2.5        |
| 6 kV / 3 |             |             |            |
| A3 / V-0 |             |             |            |

| Rated connection                                                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 0.5...4 / 1.5...4                                                                                                                                           |  |
| 0.5...4 / 0.5...2.5                                                                                                                                         |  |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                        |  |
| 10 / 0.6 x 3.5 mm                                                                                                                                           |  |
| 0.5...1.5                                                                                                                                                   |  |
| 0.5...1.5 / 0.5...1.5                                                                                                                                       |  |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) |  |

| Type                                                           | Qty. | Order No.  |
|----------------------------------------------------------------|------|------------|
| WDK 2.5 ZQV                                                    | 100  | 1041100000 |
| WDK 2.5 ZQV BL                                                 | 100  | 1041180000 |
| Rated voltage is 400 V when using cross-connection ZQV         |      |            |
| Refer to the W-Series Accessories section for colour versions. |      |            |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5N/2 GE  | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 24 A    | 20   | 1909000000 |

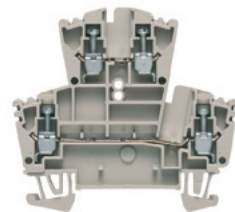
| Width         |        |    |            |
|---------------|--------|----|------------|
| WAP WDK2.5    | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 1059180000 |
| WTW EN        | 3 mm   | 20 | 1058800000 |
| WEW 35/1      | 12 mm  | 50 | 1059000000 |
| WAD 4 GE BED  | 4.5 mm | 50 | 1072000000 |
| WAD 4 WS      | 4.5 mm | 50 | 1072100000 |

| DEK 5/5 / WS 8/5                                         |  |
|----------------------------------------------------------|--|
| Test plug and socket, see section "W-Series accessories" |  |
| Ensure 2.5 mm <sup>2</sup> max. when using the WQB.      |  |

## WDK 2.5

2.5 mm<sup>2</sup>

## Screwable cross-connection



|                 |  |
|-----------------|--|
| 5.1 x 69 x 63.5 |  |
| 32 / 4          |  |
| 0.05...4        |  |

IEC 60947-7-1 Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 400      | 300 (C)     | 300 (C)     | 275        |
| 24       | 20 (C)      | 10 (C)      | 21         |
| 2.5      | AWG 30...12 | AWG 26...12 | 2.5        |
| 6 kV / 3 |             |             |            |
| A3 / V-0 |             |             |            |

| Rated connection                                                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 0.5...4 / 1.5...4                                                                                                                                           |  |
| 0.5...4 / 0.5...2.5                                                                                                                                         |  |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                        |  |
| 10 / 0.6 x 3.5 mm                                                                                                                                           |  |
| 0.5...1.5                                                                                                                                                   |  |
| 0.5...1.5 / 0.5...1.5                                                                                                                                       |  |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) |  |

| Type                                                                                 | Qty. | Order No.  |
|--------------------------------------------------------------------------------------|------|------------|
| WDK 2.5                                                                              | 100  | 1021500000 |
| WDK 2.5 BL                                                                           | 100  | 1021580000 |
| For colour variants, refer to the W-Series accessories section, "Specific functions" |      |            |

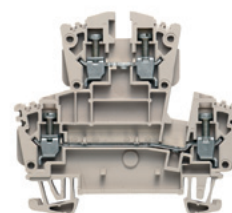
| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| WDQ 2.5/2  | 32 A    | 50   | 1053660000 |
| WDQ 2.5/3  | 32 A    | 50   | 1053760000 |
| WDQ 2.5/4  | 32 A    | 50   | 1053860000 |
| WDQ 2.5/10 | 32 A    | 20   | 1054460000 |

| Width         |        |    |            |
|---------------|--------|----|------------|
| WAP WDK2.5    | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 1059180000 |
| WTW EN        | 3 mm   | 20 | 1058800000 |
| WEW 35/1      | 12 mm  | 50 | 1059000000 |
| WAD 4 GE BED  | 4.5 mm | 50 | 1072000000 |
| WAD 4 WS      | 4.5 mm | 50 | 1072100000 |

| DEK 5/5 / WS 8/5                                         |  |
|----------------------------------------------------------|--|
| Test plug and socket, see section "W-Series accessories" |  |
| Ensure 2.5 mm <sup>2</sup> max. when using the WQB.      |  |

2.5 mm<sup>2</sup>

**Rated voltage 800 V**



Εν πλ  26D

| IEC | UL | CSA         | EN 60079-7 |
|-----|----|-------------|------------|
| 800 |    |             | 440        |
| 24  |    |             | 24         |
| 2.5 |    | AWG 26...12 | 2.5        |

---

---

KEMA 98ATEX1685 U

Rated connection

05 4 / 15 4

$$\frac{0.5 \dots 1}{0.5 \dots 2}$$

0.4 0.6 Nm (M 2.5)

10 / 0.6 x 3.5 mm

05 15

---

05 15 / 05 15

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDK 2.5/EX | 100  | 1029100000 |

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| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| Q 2 AKZ4SS           | 20 A    | 50   | 0369000000 |
|                      |         |      |            |
| Q 10 AKZ4SS          | 20 A    | 20   | 0369300000 |
|                      |         |      |            |
|                      | Width   |      |            |
| WAP WDK2.5           | 1.5 mm  | 20   | 1059100000 |
| WAP WDK2.5 BL        | 1.5 mm  | 20   | 1059180000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
|                      |         |      |            |
| WEW 35/1             | 12 mm   | 50   | 1059000000 |
|                      |         |      |            |
|                      |         |      |            |
| WAD 4 GE BED         | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS             | 4.5 mm  | 50   | 1072100000 |

DEK 5/6 / WS 8/5

Test plug and socket, see section "W-Series accessories"  
Ensure 2.5 mm<sup>2</sup> max. when using the WOB

## Double-level terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

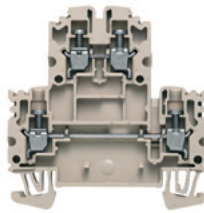
## Accessories

| Pluggable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
|                             | 20-/24-pole                     |
| Screwable cross-connection  |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Blue Wemid                      |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Screwdriver                 |                                 |
|                             | Standard                        |
| Cover                       |                                 |
|                             | With lightning flash symbol     |
|                             | Blank, white                    |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

## WDK 2.5N

2.5 mm<sup>2</sup>

Plug-in cross-connection  
Compact design



|                    |  |
|--------------------|--|
| 5.1 x 60.7 x 62.45 |  |
| 28 / 4             |  |
| 0.05...4           |  |

| IEC 60947-7-1                                                                                                                                                                                                                                                                 |             | Ex e II           |  II 2 G D |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|--------------------------------------------------------------------------------------------|
| IEC                                                                                                                                                                                                                                                                           | UL          | CSA               | EN 60079-7                                                                                 |
| 800                                                                                                                                                                                                                                                                           | 600 (C)     | 300 (C)           | 550                                                                                        |
| 24                                                                                                                                                                                                                                                                            | 20 (C)      | 20 (C)            | 21                                                                                         |
| 2.5                                                                                                                                                                                                                                                                           | AWG 26...12 | AWG 26...12       | 2.5                                                                                        |
| 8 kV / 3                                                                                                                                                                                                                                                                      |             |                   |                                                                                            |
| A3 / V-0                                                                                                                                                                                                                                                                      |             |                   |                                                                                            |
|                                                                                                                                                                                                                                                                               |             | KEMA 00ATEX2061 U |                                                                                            |
|    <b>Rated connection</b> |             |                   |                                                                                            |
| 0.5...4 / 1.5...4                                                                                                                                                                                                                                                             |             |                   |                                                                                            |
| 0.5...4 / 0.5...2.5                                                                                                                                                                                                                                                           |             |                   |                                                                                            |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                                                                                                                                          |             |                   |                                                                                            |
| 8 / 0.6 x 3.5 mm                                                                                                                                                                                                                                                              |             |                   |                                                                                            |
| 0.5...1.5                                                                                                                                                                                                                                                                     |             |                   |                                                                                            |
| 0.5...1.5 / 0.5...1.5                                                                                                                                                                                                                                                         |             |                   |                                                                                            |
| The rated voltage is reduced to 400 V when using the cross-connection ZQV 2.5N                                                                                                                                                                                                |             |                   |                                                                                            |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WDK 2.5N    | 100  | 1041600000 |
| WDK 2.5N BL | 100  | 1041680000 |

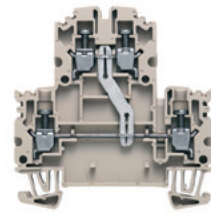
| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZQV 2.5N/2 GE     | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE     | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE     | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE    | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE    | 24 A    | 20   | 1909000000 |
| Width             |         |      |            |
| WAP WDK2.5/4 N    | 1.5 mm  | 20   | 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm  | 20   | 1084080000 |
| WTW EN            | 3 mm    | 20   | 1058800000 |
| WEW 35/1          |         |      |            |
|                   | 12 mm   | 50   | 1059000000 |
| DEK 5/5 / WS 8/5  |         |      |            |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WDK 2.5N V

2.5 mm<sup>2</sup>

Both levels at one potential  
Compact design



|                    |  |
|--------------------|--|
| 5.1 x 60.7 x 62.45 |  |
| 28 / 4             |  |
| 0.05...4           |  |

| IEC 60947-7-1                                                                       |  | Ex e II     |  |  II 2 G D |  |            |                   |
|-------------------------------------------------------------------------------------|--|-------------|--|----------------------------------------------------------------------------------------------|--|------------|-------------------|
| IEC                                                                                 |  | UL          |  | CSA                                                                                          |  | EN 60079-7 |                   |
| 800                                                                                 |  | 600 (C)     |  | 300 (C)                                                                                      |  | 550        |                   |
| 24                                                                                  |  | 20 (C)      |  | 20 (C)                                                                                       |  | 21         |                   |
| 2.5                                                                                 |  | AWG 26...12 |  | AWG 26...12                                                                                  |  | 2.5        |                   |
|                                                                                     |  |             |  |                                                                                              |  |            | 8 kV / 3          |
|                                                                                     |  |             |  |                                                                                              |  |            | A3 / V-0          |
|                                                                                     |  |             |  |                                                                                              |  |            | KEMA 00ATEX2061 U |
|  |  |             |  |                                                                                              |  |            |                   |
| Rated connection                                                                    |  |             |  |                                                                                              |  |            |                   |
| 0.5...4 / 1.5...4                                                                   |  |             |  |                                                                                              |  |            |                   |
| 0.5...4 / 0.5...2.5                                                                 |  |             |  |                                                                                              |  |            |                   |
| 0.4...0.6 Nm (M 2.5)                                                                |  |             |  |                                                                                              |  |            |                   |
| 8 / 0.6 x 3.5 mm                                                                    |  |             |  |                                                                                              |  |            |                   |
|                                                                                     |  |             |  |                                                                                              |  |            |                   |
| 0.5...1.5                                                                           |  |             |  |                                                                                              |  |            |                   |
| 0.5...1.5 / 0.5...1.5                                                               |  |             |  |                                                                                              |  |            |                   |
| The rated voltage is reduced to 400 V when using the cross-connection ZQV.          |  |             |  |                                                                                              |  |            |                   |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDK 2.5N V | 100  | 1041610000 |

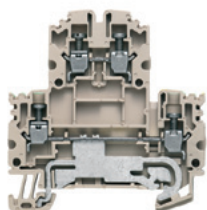
| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZQV 2.5N/2 GE     | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE     | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE     | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE    | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE    | 24 A    | 20   | 1909000000 |
| Width             |         |      |            |
| WAP WDK2.5/4 N    | 1.5 mm  | 20   | 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm  | 20   | 1084080000 |
| WTW EN            | 3 mm    | 20   | 1058800000 |
| WEW 35/1          |         |      |            |
|                   | 12 mm   | 50   | 1059000000 |
| DEK 5/5 / WS 8/5  |         |      |            |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

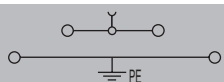
## WDK 2.5N DU-PE

2.5 mm<sup>2</sup>

Lower level earthed on terminal rail  
Compact design



5.1 x 60.7 x 62.45  
28 / 4  
0.05...4



IEC 60947-7-1 (-7-2)

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 600 (D)     | 550        |
| 24  | 20 (C)      | 5 (D)       | 21         |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5        |

8 kV / 3

A3 / V-0



KEMA 00ATEX2061 U

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

The rated voltage is reduced to 400 V when using the cross-connection ZQV. It is prohibited to connect two conductors via the PE connection!

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WDK 2.5N DU-PE | 100  | 1041650000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| ZQV 2.5N/2 GE  | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE  | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE  | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE | 24 A    | 20   | 1909000000 |

| Width             |        |               |
|-------------------|--------|---------------|
| WAP WDK2.5/4 N    | 1.5 mm | 20 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm | 20 1084080000 |
| WTW EN            | 3 mm   | 20 1058800000 |

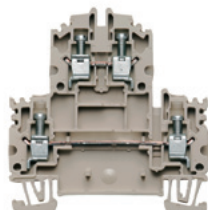
|          |       |               |
|----------|-------|---------------|
| WEW 35/1 | 12 mm | 50 1059000000 |
|----------|-------|---------------|

DEK 5/5 / WS 8/5

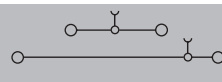
## WDK 4N

4 mm<sup>2</sup>

Plug-in cross-connection  
Compact design



6.1 x 60 x 64.15  
35 / 6  
0.13...6



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 300 (C)     | 550        |
| 32  | 35 (C)      | 30 (C)      | 28         |
| 4   | AWG 26...10 | AWG 26...10 | 4          |

8 kV / 3

A4 / V-0



KEMA 00ATEX2061 U

## Rated connection

0.5...6 / 1.5...6  
0.5...4 / 0.5...4  
0.5...1 Nm (M 3)  
8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection  
2 wire H07V-U1.5, tighten with 0.6 Nm.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WDK 4N    | 100  | 1041900000 |
| WDK 4N BL | 100  | 1041980000 |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZQV 4N/2 GE  | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE  | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE  | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE | 32 A    | 20   | 1909020000 |

| Width             |        |               |
|-------------------|--------|---------------|
| WAP WDK2.5/4 N    | 1.5 mm | 20 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm | 20 1084080000 |
| WTW EN            | 3 mm   | 20 1058800000 |

|          |       |               |
|----------|-------|---------------|
| WEW 35/1 | 12 mm | 50 1059000000 |
|----------|-------|---------------|

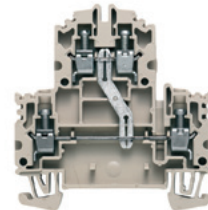
DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories"  
Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

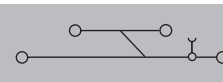
## WDK 4N V

4 mm<sup>2</sup>

Both levels at one potential  
Compact design



6.1 x 60.7 x 64.15  
35 / 6  
0.13...6



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600 (C)     | 300 (C)     | 550        |
| 32  | 35 (C)      | 30 (C)      | 28         |
| 4   | AWG 26...10 | AWG 26...10 | 4          |

8 kV / 3

A4 / V-0



KEMA 00ATEX2061 U

## Rated connection

0.5...6 / 1.5...6  
0.5...4 / 0.5...4  
0.5...1 Nm (M 3)  
8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection  
2 wire H07V-U1.5, tighten with 0.6 Nm.

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDK 4N V | 100  | 1041910000 |

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZQV 4N/2 GE  | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE  | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE  | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE | 32 A    | 20   | 1909020000 |

| Width             |        |               |
|-------------------|--------|---------------|
| WAP WDK2.5/4 N    | 1.5 mm | 20 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm | 20 1084080000 |
| WTW EN            | 3 mm   | 20 1058800000 |

|          |       |               |
|----------|-------|---------------|
| WEW 35/1 | 12 mm | 50 1059000000 |
|----------|-------|---------------|

DEK 5/6 / WS 8/6

Test plug and socket, see section "W-Series accessories"  
Ensure 2.5 mm<sup>2</sup> max. when using the WQB.

## Double-level terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

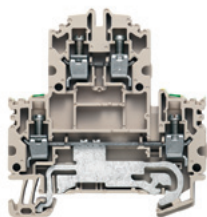
## Accessories

| Pluggable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
|                             | 20-/24-pole                     |
| Screwable cross-connection  |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Blue Wemid                      |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Screwdriver                 |                                 |
|                             | Standard                        |
| Cover                       |                                 |
|                             | With lightning flash symbol     |
|                             | Blank, white                    |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

## WDK 4N DU-PE

4 mm<sup>2</sup>

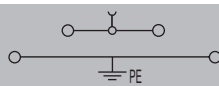
Lower level earthed on terminal rail  
Compact design



6.1 x 60.7 x 64.15

35 / 6

0.13...6



IEC 60947-7-1 (-7.2)

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800      | 600 (C)     | 300 (C)     | 550        |
| 32       | 35 (C)      | 30 (C)      | 28         |
| 4        | AWG 26...10 | AWG 26...10 | 4          |
| 8 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |

KEMA 00ATEX2061 U

| Rated connection                                                                                                                |  |
|---------------------------------------------------------------------------------------------------------------------------------|--|
| 0.5...6 / 1.5...6                                                                                                               |  |
| 0.5...4 / 0.5...4                                                                                                               |  |
| 0.5...1 Nm (M 3)                                                                                                                |  |
| 8 / 0.6 x 3.5 mm                                                                                                                |  |
| 0.5...1.5                                                                                                                       |  |
| 0.5...1.5 / 0.5...1.5                                                                                                           |  |
| Rated voltage is 400 V when using the ZQV cross-connector.<br>It is prohibited to connect two conductors via the PE connection! |  |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WDK 4N DU-PE | 100  | 1041950000 |

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZQV 4N/2 GE       | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE       | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE       | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE      | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE      | 32 A    | 20   | 1909020000 |
| Width             |         |      |            |
| WAP WDK2.5/4 N    | 1.5 mm  | 20   | 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm  | 20   | 1084080000 |
| WTW EN            | 3 mm    | 20   | 1058800000 |
| WEW 35/1          | 12 mm   | 50   | 1059000000 |

| DEK 5/6 / WS 8/6                                                                                                |  |
|-----------------------------------------------------------------------------------------------------------------|--|
| Test plug and socket, see section "W-Series accessories"<br>Ensure 2.5 mm <sup>2</sup> max. when using the WQB. |  |

## WDK 10

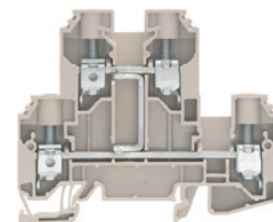
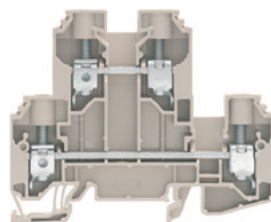
10 mm<sup>2</sup>

## WDK 10 V

10 mm<sup>2</sup>

NEW

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|                 |  |
|-----------------|--|
| 9.9 x 85 x 69.5 |  |
| <b>76 / 16</b>  |  |
| <b>1.5...16</b> |  |

|                 |  |
|-----------------|--|
| 9.9 x 85 x 69.5 |  |
| <b>76 / 16</b>  |  |
| <b>1.5...16</b> |  |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

| IEC 60947-7-1       |            |            |  |
|---------------------|------------|------------|--|
| IEC                 | UL         | CSA        |  |
| 800                 | 600 (C)    | 600 (C)    |  |
| 57                  | 64 (C)     | 64 (C)     |  |
| 10                  | AWG 18...6 | AWG 18...6 |  |
| 8 kV / 3            |            |            |  |
| B6 / V-0            |            |            |  |
|                     |            |            |  |
| Rated connection    |            |            |  |
| 1.5...16 / 1.5...16 |            |            |  |
| 1.5...16 / 1.5...16 |            |            |  |
| 1.5...2.4 Nm (M 4)  |            |            |  |
| 12 / 1.0 x 5.5 mm   |            |            |  |
| Note                |            |            |  |

| IEC 60947-7-1       |            |            |  |
|---------------------|------------|------------|--|
| IEC                 | UL         | CSA        |  |
| 800                 | 600 (C)    | 600 (C)    |  |
| 57                  | 49 (C)     | 49 (C)     |  |
| 10                  | AWG 18...6 | AWG 18...6 |  |
| 8 kV / 3            |            |            |  |
| B6 / V-0            |            |            |  |
|                     |            |            |  |
| Rated connection    |            |            |  |
| 1.5...16 / 1.5...16 |            |            |  |
| 1.5...16 / 1.5...16 |            |            |  |
| 1.5...2.4 Nm (M 4)  |            |            |  |
| 12 / 1.0 x 5.5 mm   |            |            |  |
| Note                |            |            |  |

## Ordering data

| Version          |  |
|------------------|--|
| Dark beige Wemid |  |
| Blue Wemid       |  |
| Note             |  |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WDK 10    | 50   | 1186740000 |
| WDK 10 BL | 50   | 1186750000 |
| Note      |      |            |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WDK 10 V    | 50   | 1186770000 |
| WDK 10 V BL | 50   | 1186780000 |
| Note        |      |            |

## Accessories

| Pluggable cross-connection      |                             |
|---------------------------------|-----------------------------|
|                                 | 2-pole                      |
|                                 | 3-pole                      |
|                                 | 4-pole                      |
|                                 | 10-pole                     |
|                                 | 20-/24-pole                 |
| Screwable cross-connection      |                             |
|                                 | 2-pole                      |
|                                 | 3-pole                      |
|                                 | 4-pole                      |
|                                 | 10-pole                     |
| End plate / Partition plate     |                             |
| Dark beige Wemid                |                             |
| Blue Wemid                      |                             |
| Dark beige Wemid                |                             |
| End bracket                     |                             |
| Dark beige Wemid                |                             |
| Screwdriver                     |                             |
| Standard                        |                             |
| Cover                           |                             |
|                                 | With lightning flash symbol |
|                                 | Blank, white                |
| Identification systems          |                             |
| (see assortment in catalogue 7) |                             |
| Marking tags                    |                             |
| Note                            |                             |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WDQV 10/2       | 57 A    | 50   | 1052560000 |
| WDQV 10/3       | 57 A    | 50   | 1054960000 |
| WDQV 10/4       | 57 A    | 50   | 1055060000 |
| WDQV 10/10      | 57 A    | 20   | 1052460000 |
| Width           |         |      |            |
| WAP WDK10       | 1.5 mm  | 20   | 1186720000 |
| WAP WDK10 BL    | 1.5 mm  | 20   | 1186730000 |
| Width           |         |      |            |
| WEW 35/1        | 12 mm   | 50   | 1059000000 |
| SDS 1.0X5.5X150 |         | 1    | 9008350000 |
| Width           |         |      |            |
| DEK 5/5         |         |      |            |
| Note            |         |      |            |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WDQV 10/2       | 57 A    | 50   | 1052560000 |
| WDQV 10/3       | 57 A    | 50   | 1054960000 |
| WDQV 10/4       | 57 A    | 50   | 1055060000 |
| WDQV 10/10      | 57 A    | 20   | 1052460000 |
| Width           |         |      |            |
| WAP WDK10       | 1.5 mm  | 20   | 1186720000 |
| WAP WDK10 BL    | 1.5 mm  | 20   | 1186730000 |
| Width           |         |      |            |
| WEW 35/1        | 12 mm   | 50   | 1059000000 |
| SDS 1.0X5.5X150 |         | 1    | 9008350000 |
| Width           |         |      |            |
| DEK 5/5         |         |      |            |
| Note            |         |      |            |

## PE terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                       |                 |
|---------------------------------------|-----------------|
| Width/Length/Height of lowest version | mm              |
| max. cond. cross-section              | mm <sup>2</sup> |
| Max. clamping range                   | mm <sup>2</sup> |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

## Accessories

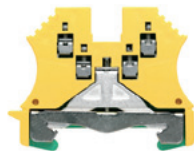
| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
|                             | 20-/24-pole      |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
|                             | Blue Wemid       |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

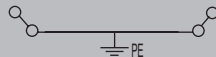
## WPE 1.5/ZZ

1.5 mm<sup>2</sup>

Twin connection



5.1 x 60 x 47  
2.5  
0.13...2.5

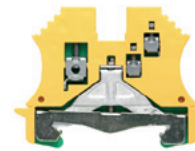


IEC 60947-7-2

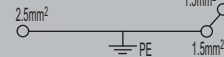
Ex e II Ex II 2 G D

| IEC                          | UL          | CSA                   | EN 60079-7 |
|------------------------------|-------------|-----------------------|------------|
| 1.5                          | AWG 22...14 | AWG 26...14           | 1.5        |
| 800                          |             |                       |            |
| 8                            |             |                       |            |
| 180 A (1.5 mm <sup>2</sup> ) |             |                       |            |
| 3                            |             |                       |            |
| A1 / V-0                     |             |                       |            |
|                              |             |                       |            |
| Rated connection             |             | Further connection    |            |
| 0.5...2.5 / 1.5...2.5        |             | 0.5...2.5 / 1.5...2.5 |            |
| 0.5...1.5 / 0.5...1.5        |             |                       |            |
| 0.4...0.6 Nm (M 2.5)         |             |                       |            |
| 0.4...0.6 Nm (M 2.5)         |             |                       |            |
| 7 / 0.6 x 3.5 mm             |             | 7 / 0.6 x 3.5 mm      |            |

## WPE 2.5/1.5/ZZR

2.5 mm<sup>2</sup>Supplementary connection, right (1.5 mm<sup>2</sup>)

5.1 x 60 x 47  
4  
0.05...4



IEC 60947-7-2

Ex e II Ex II 2 G D

| IEC                          | UL          | CSA                | EN 60079-7 |
|------------------------------|-------------|--------------------|------------|
| 2.5                          | AWG 22...12 | AWG 26...12        | 2.5        |
| 800                          |             |                    |            |
| 8                            |             |                    |            |
| 300 A (2.5 mm <sup>2</sup> ) |             |                    |            |
| 3                            |             |                    |            |
| A3 / V-0                     |             |                    |            |
|                              |             |                    |            |
| Rated connection             |             | Further connection |            |
| 0.5...4 / 1.5...4            |             | 0.5...2.5          |            |
| 0.5...4 / 0.5...2.5          |             |                    |            |
| 0.4...0.6 Nm (M 2.5)         |             |                    |            |
| 0.4...0.6 Nm (M 2.5)         |             |                    |            |
| 10 / 0.6 x 3.5 mm            |             | 10 / 0.6 x 3.5 mm  |            |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WPE 2.5/1.5/ZZR | 100  | 1016400000 |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WPE 1.5/ZZ | 100  | 1016500000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP 2.5-10      | 1.5 mm  | 50   | 1050000000 |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP 2.5-10      | 1.5 mm  | 50   | 1050000000 |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 12/5

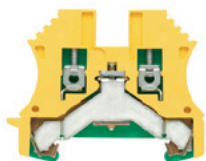
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

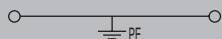
## WPE 2.5

2.5 mm<sup>2</sup>

5.1 x 60 x 47

4

0.05...4



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                          | UL          | CSA         | EN 60079-7 |
|------------------------------|-------------|-------------|------------|
| 2.5                          | AWG 22...12 | AWG 26...12 | 2.5        |
| 800                          |             |             |            |
| 8                            |             |             |            |
| 300 A (2.5 mm <sup>2</sup> ) |             |             |            |
| 3                            |             |             |            |
| A3 / V-0                     |             |             |            |



| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 0.4...0.8 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

## WPE 2.5N

2.5 mm<sup>2</sup>

Compact design



5.1 x 54 x 37.5

4

0.05...4



IEC 60947-7-2

Ex e II



II 2 G D

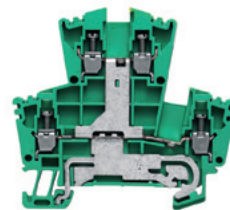
| IEC                          | UL          | CSA         | EN 60079-7 |
|------------------------------|-------------|-------------|------------|
| 2.5                          | AWG 26...12 | AWG 26...12 | 2.5        |
| 500                          |             |             |            |
| 6                            |             |             |            |
| 300 A (2.5 mm <sup>2</sup> ) |             |             |            |
| 3                            |             |             |            |
| A3 / V-0                     |             |             |            |



| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 0.4...0.8 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

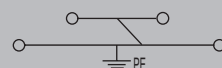
## WDK 2.5 PE

2.5 mm<sup>2</sup>

5.1 x 69.5 x 63.5

4

0.05...4



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                          | UL          | CSA         | EN 60079-7 |
|------------------------------|-------------|-------------|------------|
| 2.5                          | AWG 22...12 | AWG 26...12 | 2.5        |
| 400                          |             |             |            |
| 6                            |             |             |            |
| 300 A (2.5 mm <sup>2</sup> ) |             |             |            |
| 3                            |             |             |            |
| A3 / V-0                     |             |             |            |



| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 10 /                 |                    |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

| Type    | Qty. | Order No.  |
|---------|------|------------|
| WPE 2.5 | 100  | 1010000000 |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WPE 2.5N | 100  | 1016200000 |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WDK 2.5PE | 100  | 1036300000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP 2.5-10      | 1.5 mm  | 50   | 1050000000 |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP WDU2.5N/4N  | 1.5 mm  | 50   | 1060000000 |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

DEK 5/5 / WS 8/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).



## PE terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                       |                 |
|---------------------------------------|-----------------|
| Width/Length/Height of lowest version | mm              |
| max. cond. cross-section              | mm <sup>2</sup> |
| Max. clamping range                   | mm <sup>2</sup> |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

## Accessories

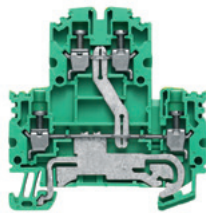
| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
|                             | 20-/24-pole      |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
|                             | Blue Wemid       |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDK 2.5N PE

2.5 mm<sup>2</sup>

## Compact design



|                    |  |
|--------------------|--|
| 5.1 x 60.7 x 62.45 |  |
| 4                  |  |
| 0.05...4           |  |

IEC 60947-7-2 Ex e II II 2 G D

| IEC                                                                                                                                                         | UL                           | CSA                | EN 60079-7 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------|------------|
| 2.5                                                                                                                                                         | AWG 26...12                  | AWG 26...12        | 2.5        |
| 800                                                                                                                                                         |                              |                    |            |
| 8                                                                                                                                                           |                              |                    |            |
|                                                                                                                                                             | 300 A (2.5 mm <sup>2</sup> ) |                    |            |
|                                                                                                                                                             | 3                            |                    |            |
|                                                                                                                                                             | A3 / V-0                     |                    |            |
|                                                                            |                              |                    |            |
| Rated connection                                                                                                                                            |                              | Further connection |            |
| 0.5...4 / 1.5...4                                                                                                                                           |                              |                    |            |
| 0.5...4 / 0.5...2.5                                                                                                                                         |                              |                    |            |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                        |                              |                    |            |
|                                                                                                                                                             |                              |                    |            |
| 8 / 0.6 x 3.5 mm                                                                                                                                            |                              |                    |            |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) |                              |                    |            |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WDK 2.5N PE | 100  | 1041620000 |

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZQV 2.5N/2 GE     | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE     | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE     | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE    | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE    | 24 A    | 20   | 1909000000 |
| Width             |         |      |            |
| WAP WDK2.5/4 N    | 1.5 mm  | 20   | 1084000000 |
| WAP WDK2.5/4 N BL | 1.5 mm  | 20   | 1084080000 |
| WTW EN            | 3 mm    | 20   | 1058800000 |
| Width             |         |      |            |
| WEW 35/2          | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100   |         | 1    | 9008330000 |

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| DEK 5/5 / WS 8/5                                                                                              |
| Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |

## WPE 4

4 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6.1 x 56 x 47.5 |  |
| 6               |  |
| 0.13...6        |  |

IEC 60947-7-2 Ex e II II 2 G D

| IEC                | UL                         | CSA                | EN 60079-7 |
|--------------------|----------------------------|--------------------|------------|
| 4                  | AWG 22...10                | AWG 26...10        | 4          |
| 800                |                            |                    |            |
| 8                  |                            |                    |            |
|                    | 480 A (4 mm <sup>2</sup> ) |                    |            |
|                    | 3                          |                    |            |
|                    | A4 / V-0                   |                    |            |
| Rated connection   |                            | Further connection |            |
| 0.5...6 / 0.5...6  |                            |                    |            |
| 0.5...6 / 0.5...4  |                            |                    |            |
| 0.5...1 Nm (M 3)   |                            |                    |            |
| 0.5...1.0 Nm (M 3) |                            |                    |            |
| 10 / 0.6 x 3.5 mm  |                            |                    |            |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WPE 4 | 100  | 1010100000 |

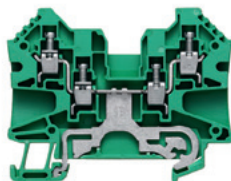
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| DEK 5/6                                                                                                       |
| Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |

## WPE 4/ZZ

4 mm<sup>2</sup>

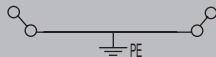
Twin connection



6.1 x 70 x 53

6

0.05...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 30...10 | AWG 30...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A4 / V-0                   |             |             |            |



| Rated connection   | Further connection |
|--------------------|--------------------|
| 0.5...6 / 0.5...4  | 0.5                |
| 0.5...4 / 0.5...4  |                    |
| 0.5...0.8 Nm (M 3) |                    |

10 / 0.6 x 3.5 mm

10 / 0.6 x 3.5 mm

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WPE 4/ZZ | 50   | 1905130000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WAP WDU/WTR4/ZZ | 1.5 mm  | 50   | 1905150000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

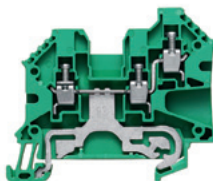
DEK 5/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 4/ZR

4 mm<sup>2</sup>

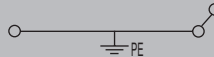
Supplementary connection, right



6.1 x 63.5 x 53.3

6

0.05...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 30...10 | AWG 30...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A4 / V-0                   |             |             |            |



| Rated connection    | Further connection |
|---------------------|--------------------|
| 0.5...6 / 0.5...4   | 0.5...6            |
| 0.5...2.5 / 0.5...4 |                    |
| 0.5...0.8 Nm (M 3)  |                    |

10 / 0.6 x 3.5 mm

10 / 0.6 x 3.5 mm

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WPE 4/ZR | 50   | 1905120000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WAP WDU/WTR4/ZR | 1.5 mm  | 50   | 1905070000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

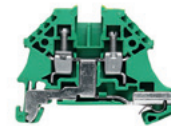
DEK 5/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 4N

4 mm<sup>2</sup>

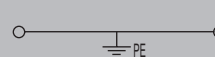
Compact design



6.1 x 50 x 38.5

6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 26...10 | AWG 26...10 | 4          |
| 500                        |             |             |            |
| 6                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A3 / V-0                   |             |             |            |



| Rated connection  | Further connection |
|-------------------|--------------------|
| 0.5...6 / 1.5...6 |                    |
| 0.5...4 / 0.5...4 |                    |
| 0.5...1 Nm (M 3)  |                    |

10 / 0.6 x 3.5 mm

| Type   | Qty. | Order No.  |
|--------|------|------------|
| WPE 4N | 100  | 1042700000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WAP WDU2.5N/4N  | 1.5 mm  | 50   | 1060000000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/6 / WS 12/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## PE terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                       |                 |
|---------------------------------------|-----------------|
| Width/Length/Height of lowest version | mm              |
| max. cond. cross-section              | mm <sup>2</sup> |
| Max. clamping range                   | mm <sup>2</sup> |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

| Version            |
|--------------------|
| green/yellow Wemid |
| Note               |

## Accessories

| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
|                             | 20-/24-pole      |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
|                             | Blue Wemid       |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |

## Identification systems (see assortment in catalogue 7)

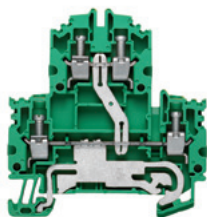
Marking tags

## Note

## WDK 4N PE

4 mm<sup>2</sup>

## Compact design



6.1 x 60.7 x 64.15

6

0.13...6



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 4                          | AWG 26...10 | AWG 26...10 | 4          |
| 800                        |             |             |            |
| 8                          |             |             |            |
| 480 A (4 mm <sup>2</sup> ) |             |             |            |
| 3                          |             |             |            |
| A3 / V-0                   |             |             |            |



| Rated connection  | Further connection |
|-------------------|--------------------|
| 0.5...6 / 1.5...6 |                    |
| 0.5...4 / 0.5...4 |                    |
| 0.5...1 Nm (M 3)  |                    |
| 8 / 0.6 x 3.5 mm  |                    |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WDK 4N PE | 100  | 1041920000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP WDK2.5/4 N  | 1.5 mm  | 20   | 1084000000 |
|                 |         |      |            |
|                 |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/6 / WS 8/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).



Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!  
The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                       |                 |
|---------------------------------------|-----------------|
| Width/Length/Height of lowest version | mm              |
| max. cond. cross-section              | mm <sup>2</sup> |
| Max. clamping range                   | mm <sup>2</sup> |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |

### Note

### Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

### Accessories

| PEN bridge  |                  |
|-------------|------------------|
| End bracket | Dark beige Wemid |
| Screwdriver | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Note                   | Marking tags                    |

### WPE 6

6 mm<sup>2</sup>

7.9 x 56 x 47

10  
0.08...10

IEC 60947-7-2

Ex e II II 2 G D

| IEC                        | UL         | CSA        | EN 60079-7 |
|----------------------------|------------|------------|------------|
| 6                          | AWG 20...8 | AWG 20...8 | 66         |
| 800                        |            |            |            |
| 8                          |            |            |            |
| 720 A (6 mm <sup>2</sup> ) |            |            |            |
| 3                          |            |            |            |
| A5 / V-0                   |            |            |            |



| Rated connection    | Further connection |
|---------------------|--------------------|
| 0.5...10 / 1.5...10 |                    |
| 0.5...10 / 0.5...6  |                    |
| 0.8...1.3 Nm (M 3)  |                    |
| 0.5...1.0 Nm (M 3)  |                    |
| 12 / 4.0 x 0.8 mm   |                    |

Conductor connection H07V...10 and AWG 8 tighten with 1.4-1.6 Nm.

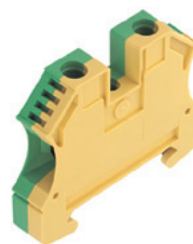
| Type  | Qty. | Order No.  |
|-------|------|------------|
| WPE 6 | 50   | 1010200000 |

| Type            | Width | Qty. | Order No.  |
|-----------------|-------|------|------------|
| WEW 35/2        | 8 mm  | 100  | 1061200000 |
| SDS 0.8X4.0X100 |       | 1    | 9008340000 |

DEK 5/8 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

### WPE 10

10 mm<sup>2</sup>

9.9 x 60 x 47

16  
1.31...16

IEC 60947-7-2

Ex e II II 2 G D

| IEC                          | UL         | CSA        | EN 60079-7 |
|------------------------------|------------|------------|------------|
| 10                           | AWG 16...6 | AWG 16...6 | 1010       |
| 1000                         |            |            |            |
| 8                            |            |            |            |
| 1200 A (10 mm <sup>2</sup> ) |            |            |            |
| 3                            |            |            |            |
| B6 / V-0                     |            |            |            |



| Rated connection    | Further connection |
|---------------------|--------------------|
| 1.5...16 / 1.5...16 |                    |
| 1.5...16 / 1.5...16 |                    |
| 1.2...2.4 Nm (M 4)  |                    |
| 0.5...1.0 Nm (M 3)  |                    |
| 12 / 1.0 x 5.5 mm   |                    |

AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

| Type   | Qty. | Order No.  |
|--------|------|------------|
| WPE 10 | 50   | 1010300000 |

| Type            | Width   | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQB-PEN 10      | 14.8 mm | 10   | 1060300000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SDS 1.0X5.5X150 |         | 1    | 9008350000 |

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## PE terminals

Identically contoured design of 2.5 to 10 mm<sup>2</sup> with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                       |                 |
|---------------------------------------|-----------------|
| Width/Length/Height of lowest version | mm              |
| max. cond. cross-section              | mm <sup>2</sup> |
| Max. clamping range                   | mm <sup>2</sup> |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

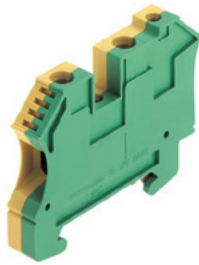
| Version |                    |
|---------|--------------------|
|         | green/yellow Wemid |
| Note    |                    |

## Accessories

| PEN bridge  |                  |
|-------------|------------------|
|             |                  |
| End bracket |                  |
|             | Dark beige Wemid |
| Screwdriver |                  |
|             | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WPE 10/ZR

10 mm<sup>2</sup>Supplementary connection, right (4 mm<sup>2</sup>)

|                 |  |
|-----------------|--|
| 9.9 x 66 x 49.5 |  |
| 16              |  |
| 1.31...16       |  |

IEC 60947-7-2

| IEC                                                                                                                                     | UL                           | CSA                |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------|
| 10                                                                                                                                      | AWG 16...6                   | AWG 14...6         |
| 1000                                                                                                                                    |                              |                    |
| 8                                                                                                                                       |                              |                    |
|                                                                                                                                         | 1200 A (10 mm <sup>2</sup> ) |                    |
|                                                                                                                                         | 3                            |                    |
|                                                                                                                                         | B6, A4 / V-0                 |                    |
|                                                        |                              |                    |
| Rated connection                                                                                                                        |                              | Further connection |
| 1.5...16 / 1.5...16                                                                                                                     |                              | 0.5...6 / 1.5...4  |
| 1.5...16 / 1.5...16                                                                                                                     |                              | 0.5...4 / 1.5...16 |
| 1.2...2.4 Nm (M 4)                                                                                                                      |                              |                    |
| 0.5...1.0 Nm (M 3)                                                                                                                      |                              |                    |
| 12 / 0.6 x 3.5 mm                                                                                                                       |                              | 10 / 0.6 x 3.5 mm  |
| Max. conductor cross-sections refer to 10 mm <sup>2</sup> and 16 mm <sup>2</sup> connections. AWG 6/7 and H07V-R16 tighten with 2.4 Nm. |                              |                    |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WPE 10/ZR | 50   | 1042500000 |

| Type            | Width   | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQB-PEN 10      | 14.8 mm | 10   | 1060300000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

| Type                                                                                                          | Width | Qty. | Order No. |
|---------------------------------------------------------------------------------------------------------------|-------|------|-----------|
| DEK 5/5 / WS 12/6,5                                                                                           |       |      |           |
| Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |       |      |           |

## WPE 16

16 mm<sup>2</sup>

|                |  |
|----------------|--|
| 11.9 x 56 x 63 |  |
| 25             |  |
| 1.5...25       |  |

IEC 60947-7-2

Ex e II  II 2 G D

| IEC                                                                                                                                                          | UL                           | CSA                | EN 60079-7 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------|------------|
| 16                                                                                                                                                           | AWG 14...4                   | AWG 14...6         | 1616       |
| 1000                                                                                                                                                         |                              |                    |            |
| 8                                                                                                                                                            |                              |                    |            |
|                                                                                                                                                              | 1920 A (16 mm <sup>2</sup> ) |                    |            |
|                                                                                                                                                              | 3                            |                    |            |
|                                                                                                                                                              | B7 / V-0                     |                    |            |
|                                                                           |                              |                    |            |
| Rated connection                                                                                                                                             |                              | Further connection |            |
| 1.5...16 / 1.5...25                                                                                                                                          |                              |                    |            |
| 1.5...25 / 1.5...16                                                                                                                                          |                              |                    |            |
| 2...3.6 Nm (M 5)                                                                                                                                             |                              |                    |            |
| 1.2...2.4 Nm (M 4)                                                                                                                                           |                              |                    |            |
| 16 / 1.0 x 5.5 mm                                                                                                                                            |                              |                    |            |
| For 25 mm <sup>2</sup> , the TS 35 x 15 (steel, 1.5 mm thick) should be used. Conductor connection H07V...16 and AWG 6 with tightening torque of 2.0-2.4 Nm. |                              |                    |            |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| WPE 16 | 50   | 1010400000 |

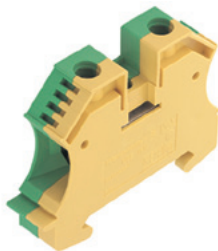
| Type            | Width   | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQB-PEN 16      | 17.6 mm | 10   | 1060200000 |
| WEW 35/1        | 12 mm   | 50   | 1059000000 |
| SDS 1.0X5.5X150 |         | 1    | 9008350000 |

| Type                                                                                                          | Width | Qty. | Order No. |
|---------------------------------------------------------------------------------------------------------------|-------|------|-----------|
| DEK 5/5 / WS 12/6,5                                                                                           |       |      |           |
| Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |       |      |           |

## WPE 16N

16 mm<sup>2</sup>

Compact design



12 x 56 x 47

25

1.5...25



IEC 60947-7-2

| IEC                          | UL         | CSA        |
|------------------------------|------------|------------|
| 16                           | AWG 14...6 | AWG 14...6 |
| 400                          |            |            |
| 6                            |            |            |
| 1920 A (16 mm <sup>2</sup> ) |            |            |
| 3                            |            |            |
| B7 / V-0                     |            |            |



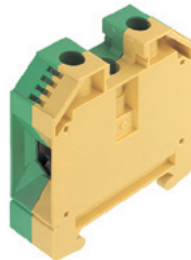
| Rated connection    | Further connection |
|---------------------|--------------------|
| 1.5...16 / 1.5...25 |                    |
| 1.5...16 / 1.5...16 |                    |
| 1.2...2.4 Nm (M 4)  |                    |
| 0.5...1.0 Nm (M 3)  |                    |
| 12 / 1.0 x 5.5 mm   |                    |

25 mm<sup>2</sup> stranded requires a tightening torque of 2.2 Nm.

| Type    | Qty. | Order No.  |
|---------|------|------------|
| WPE 16N | 50   | 1019100000 |

| Type            | Width | Qty. | Order No.  |
|-----------------|-------|------|------------|
| WQV 16N-PEN BL  | 9 mm  | 10   | 1071360000 |
| WEW 35/2        | 8 mm  | 100  | 1061200000 |
| SDS 1.0X5.5X150 |       | 1    | 9008350000 |

## WPE 35

35 mm<sup>2</sup>

16 x 56 x 63

35

2.5...35



IEC 60947-7-2

Ex e II II 2 G D

| IEC                          | UL         | CSA        | EN 60079-7 |
|------------------------------|------------|------------|------------|
| 35                           | AWG 12...2 | AWG 12...2 | 3535       |
| 800                          |            |            |            |
| 8                            |            |            |            |
| 4200 A (35 mm <sup>2</sup> ) |            |            |            |
| 3                            |            |            |            |
| B8 / V-0                     |            |            |            |



| Rated connection    | Further connection |
|---------------------|--------------------|
| 2.5...16 / 2.5...35 |                    |
| 2.5...35 / 2.5...35 |                    |
| 5 Nm (M 6)          |                    |
| 1.2...2.4 Nm (M 4)  |                    |
| 18 / 6.5 x 1.2 mm   |                    |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| WPE 35 | 25   | 1010500000 |

| Type            | Width   | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQB-PEN 35      | 24.6 mm | 10   | 1060100000 |
| WEW 35/1        | 12 mm   | 50   | 1059000000 |
| SDS 1.2X6.5X150 |         | 1    | 9009010000 |

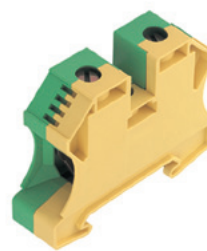
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 35N

35 mm<sup>2</sup>

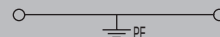
Compact design



16 x 66 x 51

50

2.5...50



IEC 60947-7-2

| IEC                          | UL | CSA |
|------------------------------|----|-----|
| 35                           |    |     |
| 400                          |    |     |
| 6                            |    |     |
| 4200 A (35 mm <sup>2</sup> ) |    |     |
| 3                            |    |     |
| B8 / V-0                     |    |     |

| Rated connection    | Further connection |
|---------------------|--------------------|
| 2.5...16 / 2.5...50 |                    |
| 2.5...35 / 2.5...35 |                    |
| 1.8...2.4 Nm (M 6)  |                    |
| 1.2...2.4 Nm (M 4)  |                    |
| 18 / 6.5 x 1.2 mm   |                    |

| Type    | Qty. | Order No.  |
|---------|------|------------|
| WPE 35N | 20   | 1717740000 |

| Type            | Width | Qty. | Order No.  |
|-----------------|-------|------|------------|
| WEW 35/2        | 8 mm  | 100  | 1061200000 |
| SDS 1.2X6.5X150 |       | 1    | 9009010000 |

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## PE terminals

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In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                       |                 |
|---------------------------------------|-----------------|
| Width/Length/Height of lowest version | mm              |
| max. cond. cross-section              | mm <sup>2</sup> |
| Max. clamping range                   | mm <sup>2</sup> |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note    |                    |

## Accessories

| PEN bridge  |                  |
|-------------|------------------|
| End bracket | Dark beige Wemid |
| Screwdriver | Standard         |

## WPE 50N

50 mm<sup>2</sup>

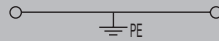
## Compact design



18.5 x 71 x 70

70

5.26...70



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                                                                                                                                                                                                                                                   | UL         | CSA                | EN 60079-7 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------|------------|
| 50                                                                                                                                                                                                                                                    | AWG 10...0 | AWG 14...0         | 5050       |
| 1000                                                                                                                                                                                                                                                  |            |                    |            |
| 8                                                                                                                                                                                                                                                     |            |                    |            |
| 6000 A (50 mm <sup>2</sup> )                                                                                                                                                                                                                          |            |                    |            |
| 3                                                                                                                                                                                                                                                     |            |                    |            |
| B10 / V-0                                                                                                                                                                                                                                             |            |                    |            |
|    |            |                    |            |
| Rated connection                                                                                                                                                                                                                                      |            | Further connection |            |
| 10...16 / 10...70                                                                                                                                                                                                                                     |            |                    |            |
| 10...50 / 10...50                                                                                                                                                                                                                                     |            |                    |            |
| 4...6 Nm (M 6)                                                                                                                                                                                                                                        |            |                    |            |
| 3.0...4.0 Nm (M 5)                                                                                                                                                                                                                                    |            |                    |            |
| 24 / S4 (DIN 6911)                                                                                                                                                                                                                                    |            |                    |            |
| For 50 - 120 mm <sup>2</sup> , the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.                                                                                                                                                             |            |                    |            |

## WPE 70N/35

70 mm<sup>2</sup>

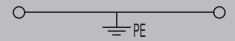
## Compact design



20.5 x 75 x 86

95

10...95



IEC 60947-7-2

Ex e II



II 2 G D

| IEC                                                                                       | UL          | CSA                | EN 60079-7 |
|-------------------------------------------------------------------------------------------|-------------|--------------------|------------|
| 70                                                                                        | AWG 6...000 | AWG 6...000        | 7070       |
| 1000                                                                                      |             |                    |            |
| 8                                                                                         |             |                    |            |
| 8400 A (70 mm <sup>2</sup> )                                                              |             |                    |            |
| 3                                                                                         |             |                    |            |
| B11 / V-0                                                                                 |             |                    |            |
|        |             |                    |            |
| Rated connection                                                                          |             | Further connection |            |
| 10...16 / 10...95                                                                         |             |                    |            |
| 10...70 / 10...70                                                                         |             |                    |            |
| 6...12 Nm (M 8)                                                                           |             |                    |            |
| 2.0...4.0 Nm (M 5)                                                                        |             |                    |            |
| 22 / S6 (DIN 6911)                                                                        |             |                    |            |
| For 50 - 120 mm <sup>2</sup> , the TS 35 x 15 (copper, 2.3 mm thick) rail should be used. |             |                    |            |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
| Note                   | Marking tags                    |

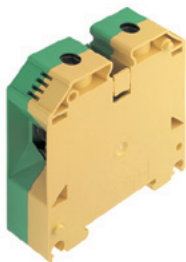
| Type                                                                                                          | Width | Qty. | Order No. |
|---------------------------------------------------------------------------------------------------------------|-------|------|-----------|
| DEK 5/5 / WS 12/6,5                                                                                           |       |      |           |
| Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |       |      |           |

| Type                                                                                                          | Width | Qty. | Order No. |
|---------------------------------------------------------------------------------------------------------------|-------|------|-----------|
| DEK 5/5 / WS 12/6,5                                                                                           |       |      |           |
| Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |       |      |           |

## WPE 95N/120N

95 mm<sup>2</sup>

Compact design



27 x 91 x 91  
150  
16...150



IEC 60947-7-2

Ex e II II 2 G D

| IEC  | UL                            | CSA          | EN 60079-7 |
|------|-------------------------------|--------------|------------|
| 95   | AWG 4...000                   | AWG 4...0000 | 9595       |
| 1000 |                               |              |            |
| 8    |                               |              |            |
|      | 11400 A (95 mm <sup>2</sup> ) |              |            |
|      | 3                             |              |            |
|      | B13 / V-0                     |              |            |



| Rated connection   | Further connection |
|--------------------|--------------------|
| 16...16 / 16...150 |                    |
| 16...120 / 16...95 |                    |
| 12...20 Nm M 10    |                    |
| 2.0...4.0 Nm (M 5) |                    |
| 27 / S6 (DIN 6911) |                    |

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

| Type                                        | Qty. | Order No.  |
|---------------------------------------------|------|------------|
| WPE 95N/120N                                | 5    | 1846030000 |
| UL, CSA and ATEX certifications are pending |      |            |

| Type             | Width  | Qty. | Order No.  |
|------------------|--------|------|------------|
| WQV PEN 95N/120N | 9.5 mm | 5    | 9201630000 |
| WEW 35/1         | 12 mm  | 50   | 1059000000 |

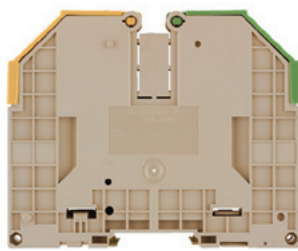
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 70/95

95 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



27 x 132 x 115.5  
120  
13.3...120



IEC 60947-7-2

Ex e II II 2 G D

| IEC  | UL                            | CSA        | EN 60079-7 |
|------|-------------------------------|------------|------------|
| 95   | AWG 6...00                    | AWG 6...00 | 9595       |
| 1000 |                               |            |            |
| 8    |                               |            |            |
|      | 11400 A (95 mm <sup>2</sup> ) |            |            |
|      | 3                             |            |            |
|      | B12 / V-0                     |            |            |



| Rated connection   | Further connection |
|--------------------|--------------------|
| 16...16 / 16...120 |                    |
| 16...95 / 16...95  |                    |
| 6...12 Nm (M 8)    |                    |
| 3.0...6.0 Nm (M 6) |                    |
| 30 / S6 (DIN 6911) |                    |

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WPE 70/95 | 10   | 1037300000 |

| Type          | Width | Qty. | Order No.  |
|---------------|-------|------|------------|
| WQV 70/95-PEN | 10 mm | 5    | 1072300000 |
| WEW 35/1      | 12 mm | 50   | 1059000000 |

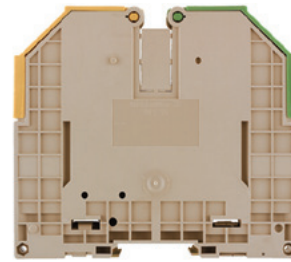
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 120/150

120 mm<sup>2</sup>

Conductor can be inserted from above / leaf spring



32 x 132 x 125.5  
150  
33.62...150



IEC 60947-7-2

Ex e II II 2 G D

| IEC  | UL                             | CSA         | EN 60079-7 |
|------|--------------------------------|-------------|------------|
| 120  | AWG 2...250                    | AWG 2...250 | 120120     |
| 1000 |                                |             |            |
| 8    |                                |             |            |
|      | 14400 A (120 mm <sup>2</sup> ) |             |            |
|      | 3                              |             |            |
|      | B13 / V-0                      |             |            |



| Rated connection   | Further connection |
|--------------------|--------------------|
| 33...150           |                    |
| 35...150 / 35...95 |                    |
| 10...20 Nm M 10    |                    |
| 3.0...6.0 Nm (M 6) |                    |
| 35 / S6 (DIN 6911) |                    |

For 50 - 120 mm<sup>2</sup>, the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WPE 120/150 | 10   | 1019700000 |

| Type        | Width | Qty. | Order No.  |
|-------------|-------|------|------------|
| WQV 120-PEN | 10 mm | 5    | 1072400000 |
| WEW 35/1    | 12 mm | 50   | 1059000000 |

DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).



## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

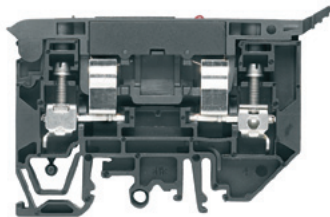
| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

| Screwable cross-connection                                                          |                                  |
|-------------------------------------------------------------------------------------|----------------------------------|
|  | 2-pole                           |
|                                                                                     | 3-pole                           |
|                                                                                     | 4-pole                           |
|                                                                                     | 10-pole                          |
| End plate / Partition plate                                                         |                                  |
|                                                                                     | Dark beige Wemid                 |
|                                                                                     | Dark beige Wemid                 |
| Screwdriver                                                                         |                                  |
|                                                                                     | With "swifty set" cutting device |
|                                                                                     | Standard                         |
| End bracket                                                                         |                                  |
|                                                                                     | Dark beige Wemid                 |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2)                                           |                                  |
|                                                                                     | 0.25 A fast                      |
|                                                                                     | 0.50 A fast                      |
|                                                                                     | 1.00 A fast                      |
|                                                                                     | 2.00 A fast                      |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WSI 4/2

4 mm<sup>2</sup>

9.1 x 81.6 x 54

6.3 / 4

0.5...4



IEC 60947-7-3

| IEC                                                                               | UL          | CSA         |
|-----------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                               |             |             |
| 6.3                                                                               |             |             |
| 4                                                                                 | AWG 22...10 | AWG 22...10 |
| 6 V /                                                                             |             |             |
| A3 / V-0                                                                          |             |             |
|  |             |             |
| Rated connection                                                                  |             |             |
| 0.5...4 / 0.5...4                                                                 |             |             |
| 0.5...4 / 0.5...4                                                                 |             |             |
| 0.5...0.8 Nm (M 3)                                                                |             |             |
| 10 / 0.6 x 3.5 mm                                                                 |             |             |
| Rated connection                                                                  |             |             |
| 0.5...1.5                                                                         |             |             |
| 0.5...1.5 / 0.5...1.5                                                             |             |             |
| Note                                                                              |             |             |
| Width/length/height with TS 32 = 9.1 x 81.6 x 58.5 mm                             |             |             |

## WSI 4/2

Overload and short-circuit protection

| Type    | Order No.  |
|---------|------------|
| WSI 4/2 | 1880430000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 55 °C                         | 4.0 W / 10 A   | 35 °C                                 | 2.5 W / 2.5 A  |
| In combination | 68 °C                         | 2.5 W / 2.5 A  | 41 °C                                 | 1.6 W / 1.0 A  |

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| WSI 4/2                   | 25   | 1880430000 |
| WSI 4/2/LD 10-36V AC/DC   | 25   | 1880410000 |
| WSI 4/2/LD 30-70V AC/DC   | 25   | 1880440000 |
| WSI 4/2/LD 60-150V AC/DC  | 25   | 1880420000 |
| WSI 4/2/LD 140-250V AC/DC | 25   | 1880390000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| WAP WSI4/2      | 2.5 mm  | 50   | 1880450000 |
|                 |         |      |            |
| SWIFTY SET      |         |      |            |
|                 | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         |      |            |
|                 |         | 1    | 9008330000 |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |

## WSI 4

4 mm<sup>2</sup>

## WSI 4

Overload and short-circuit protection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

| Screwable cross-connection                |                                  |
|-------------------------------------------|----------------------------------|
|                                           | 2-pole                           |
|                                           | 3-pole                           |
|                                           | 4-pole                           |
|                                           | 10-pole                          |
| End plate / Partition plate               |                                  |
|                                           | Dark beige Wemid                 |
|                                           | Dark beige Wemid                 |
| Screwdriver                               |                                  |
|                                           | With "swifty set" cutting device |
|                                           | Standard                         |
| End bracket                               |                                  |
|                                           | Dark beige Wemid                 |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2) |                                  |
|                                           | 0.25 A fast                      |
|                                           | 0.50 A fast                      |
|                                           | 1.00 A fast                      |
|                                           | 2.00 A fast                      |



9.1 x 50.7 x 46

6.3 / 6

0.5...6



IEC 60947-7-3

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   |             |             |
| 6.3                   |             |             |
| 4                     | AWG 22...12 | AWG 22...12 |
| A3 / V-0              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...4 / 1.5...4     |             |             |
| 0.5...4 / 0.5...2.5   |             |             |
| 0.5...0.8 Nm (M 3)    |             |             |
| 8 / 0.6 x 3.5 mm      |             |             |
| Note                  |             |             |
| ...4                  |             |             |
| 0.5...1.5 / 0.5...1.5 |             |             |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WSI 4                   | 50   | 1886580000 |
| WSI 4/LD 10-36V AC/DC   | 50   | 1886590000 |
| WSI 4/LD 30-70V AC/DC   | 50   | 1886560000 |
| WSI 4/LD 60-150V AC/DC  | 50   | 1886570000 |
| WSI 4/LD 140-250V AC/DC | 50   | 1886550000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
|                 |         |      |            |
| Width           |         |      |            |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| Note            |         |      |            |
|                 |         |      |            |
| G 20/0.25A/F    |         | 10   | 0430500000 |
| G 20/0.50A/F    |         | 10   | 0430600000 |
| G 20/1.00A/F    |         | 10   | 0430700000 |
| G 20/2.00A/F    |         | 10   | 0430900000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

|                   |
|-------------------|
| DEK 5/5 / WS 12/6 |
|-------------------|

| Type  | Order No.  |
|-------|------------|
| WSI 4 | 1886580000 |

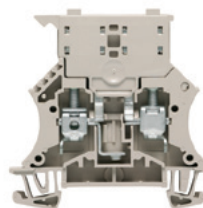
| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 63 °C                         | 4.0 W / 6.3 A  | 34 °C                                 | 1.6 W / 6.3 A  |
| In combination | 47 °C                         | 2.5 W / 6.3 A  | 23 °C                                 | 1.6 W / 6.3 A  |



## WSI 6

6 mm<sup>2</sup>

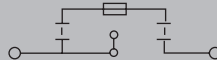
## Metric fuses



7.9 x 60 x 62

6.3 / 10

0.5...10



IEC 60947-7-3

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 500      | 600 (C)    | 600 (C)    |
| 6.3      | 9.5 (C)    | 10 (C)     |
| 6        | AWG 20...8 | AWG 20...8 |
| 6 kV / 3 |            |            |
| A5 / V-0 |            |            |



## Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

0.5...2.5

0.5...2.5 / 0.5...2.5

## WSI 6

## Overload and short-circuit protection

| Type  | Order No.  |
|-------|------------|
| WSI 6 | 1011000000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     |                               |                | 31 °C                                 | 1.6 W / 3.0 A  |
| In combination |                               |                | 27 °C                                 | 1.6 W / 3.0 A  |

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |

## Note

## Ordering data

| Version |                           |
|---------|---------------------------|
|         | 500 V AC/DC, w/o LED      |
|         | 10-36 V AC/DC, with LED   |
|         | 30-70 V AC/DC, with LED   |
|         | 60-150 V AC/DC, with LED  |
|         | 140-250 V AC/DC, with LED |

## Note

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WSI 6 | 50   | 1011000000 |
|       |      |            |
|       |      |            |
|       |      |            |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

## Accessories

| Screwable cross-connection |         |
|----------------------------|---------|
|                            | 2-pole  |
|                            | 3-pole  |
|                            | 4-pole  |
|                            | 10-pole |



| End plate / Partition plate |                  |
|-----------------------------|------------------|
|                             | Dark beige Wemid |
|                             | Dark beige Wemid |

| Screwdriver |                                  |
|-------------|----------------------------------|
|             | With "swifty set" cutting device |
|             | Standard                         |

| End bracket |                  |
|-------------|------------------|
|             | Dark beige Wemid |

| G-fuse cartridge, 5 x 20 mm (IEC 60127-2) |             |
|-------------------------------------------|-------------|
|                                           | 0.25 A fast |
|                                           | 0.50 A fast |
|                                           | 1.00 A fast |
|                                           | 2.00 A fast |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
|                      |         |      |            |
| SDS 0.8X4.0X100      |         | 1    | 9008340000 |
|                      |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
|                      |         |      |            |
| G 20/0.25A/F         |         | 10   | 0430500000 |
| G 20/0.50A/F         |         | 10   | 0430600000 |
| G 20/1.00A/F         |         | 10   | 0430700000 |
| G 20/2.00A/F         |         | 10   | 0430900000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |

## Note

DEK 5/8 / WS 12/6,5

Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10.

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

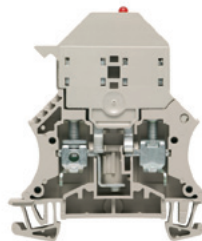
| Screwable cross-connection                                                          |                                  |
|-------------------------------------------------------------------------------------|----------------------------------|
|  | 2-pole                           |
|                                                                                     | 3-pole                           |
|                                                                                     | 4-pole                           |
|                                                                                     | 10-pole                          |
| End plate / Partition plate                                                         |                                  |
|                                                                                     | Dark beige Wemid                 |
|                                                                                     | Dark beige Wemid                 |
| Screwdriver                                                                         |                                  |
|                                                                                     | With "swifty set" cutting device |
|                                                                                     | Standard                         |
| End bracket                                                                         |                                  |
|                                                                                     | Dark beige Wemid                 |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2)                                           |                                  |
|                                                                                     | 0.25 A fast                      |
|                                                                                     | 0.50 A fast                      |
|                                                                                     | 1.00 A fast                      |
|                                                                                     | 2.00 A fast                      |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WSI 6 LD

6 mm<sup>2</sup>

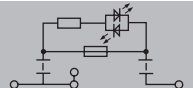
Metric fuses / bipolar LED



7.9 x 60 x 72

6.3 / 10

0.5...10



IEC 60947-7-3

| IEC                                              | UL         | CSA        |
|--------------------------------------------------|------------|------------|
| 6.3                                              |            |            |
| 6                                                | AWG 20...8 | AWG 20...8 |
|                                                  | 6 kV / 3   |            |
|                                                  | A5 / V-0   |            |
|                                                  |            |            |
| Rated connection                                 |            |            |
| 0.5...10 / 1.5...10                              |            |            |
| 0.5...10 / 0.5...6                               |            |            |
| 0.8...1.6 Nm (M 3.5)                             |            |            |
| 12 / 4.0 x 0.8 mm                                |            |            |
| 2 conductors with same cross-section (H05V/H07V) |            |            |
| 0.5...2.5                                        |            |            |
| 0.5...2.5 / 0.5...2.5                            |            |            |
| Note                                             |            |            |

| Type                                                                    | Qty. | Order No.  |
|-------------------------------------------------------------------------|------|------------|
| WSI 6/LD 10-36V DC/AC                                                   | 50   | 1011300000 |
| WSI 6/LD 30-70V DC/AC                                                   | 50   | 1012200000 |
| WSI 6/LD 60-150V DC/AC                                                  | 50   | 1012300000 |
| WSI 6/LD 250AC                                                          | 50   | 1012400000 |
| Max. power loss (1.6 W) at the cartridge fuse limits the rated current. |      |            |

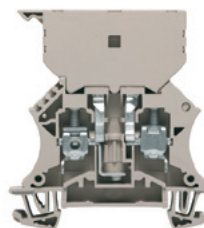
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| SDS 0.8X4.0X100      |         |      |            |
|                      |         | 1    | 9008340000 |
| WEW 35/2             |         |      |            |
|                      | 8 mm    | 100  | 1061200000 |
| G 20/0.25A/F         |         |      |            |
|                      |         | 10   | 0430500000 |
| G 20/0.50A/F         |         |      |            |
|                      |         | 10   | 0430600000 |
| G 20/1.00A/F         |         |      |            |
|                      |         | 10   | 0430700000 |
| G 20/2.00A/F         |         |      |            |
|                      |         | 10   | 0430900000 |

|                                                    |
|----------------------------------------------------|
| DEK 5/8 / WS 12/6,5                                |
| Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10. |

## WSI 6/2

6 mm<sup>2</sup>

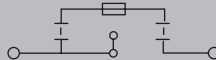
## Imperial fuses



11.9 x 60 x 67

6.3 / 10

0.5...10



IEC 60947-7-3

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 500      | 600 (C)    | 150 (C)    |
| 6.3      | 16 (C)     | 16 (C)     |
| 6        | AWG 22...8 | AWG 20...6 |
| 6 kV / 3 |            |            |
| A5 / V-0 |            |            |



| Rated connection     |
|----------------------|
| 0.5...10 / 1.5...10  |
| 0.5...10 / 0.5...6   |
| 0.8...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm    |

|                       |
|-----------------------|
| 0.5...2.5             |
| 0.5...2.5 / 0.5...2.5 |

Fuse inserts or contact sleeves should be attached in the middle.

## WSI 6/2

## Overload and short-circuit protection

| Type             | Order No.  |
|------------------|------------|
| WSI 6/2 GZ/DEF63 | 1014000000 |

| Arrangement    | Applications                  |                |                                       |                |
|----------------|-------------------------------|----------------|---------------------------------------|----------------|
|                | Only short-circuit protection |                | Overload and short-circuit protection |                |
|                | T <sub>A</sub> max.           | Nominal values | T <sub>A</sub> max.                   | Nominal values |
| Individual     | 52 °C                         | 4.0 W / 10.0 A | 42 °C                                 | 2.5 W / 2.5 A  |
| In combination | 62 °C                         | 2.5 W / 2.5 A  | 30 °C                                 | 2.5 W / 2.5 A  |

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |

## Approvals

## Clamped conductors (H05V/H07V)

|                                          |                 |
|------------------------------------------|-----------------|
| Solid / stranded                         | mm <sup>2</sup> |
| Flexible / Flexible with ferrule         | mm <sup>2</sup> |
| Tightening torque range (terminal screw) |                 |
| Stripping length / Blade size            | mm/-            |

## 2 conductors with same cross-section (H05V/H07V)

|                                  |                 |
|----------------------------------|-----------------|
| Solid / stranded                 | mm <sup>2</sup> |
| Flexible / Flexible with ferrule | mm <sup>2</sup> |

## Note

## Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |

## Note

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| WSI 6/2 GZ/DEF63 | 25   | 1014000000 |
|                  |      |            |
|                  |      |            |
|                  |      |            |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

## Accessories

| Screwable cross-connection |  |
|----------------------------|--|
| 2-pole                     |  |
| 3-pole                     |  |
| 4-pole                     |  |
| 10-pole                    |  |
| Lock washer                |  |
| Mounting screw             |  |



| End plate / Partition plate |  |
|-----------------------------|--|
| Dark beige Wemid            |  |
| Dark beige Wemid            |  |

## G25 with indicator / imperial (inch) fuse

|                          |
|--------------------------|
| 0.50 A medium slow / 2 A |
| 1.00 A medium slow / 3 A |
| 2.00 A fast / 5 A        |
| 4.00 A fast / 10 A       |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK16           | 76 A    | 50   | 0470700000 |
| QL 3 SAK16           | 76 A    | 50   | 0470800000 |
| QL 4 SAK16           | 76 A    | 50   | 0470900000 |
| QL 10 SAK16          | 76 A    | 20   | 0471000000 |
| SS M3 D 128-A 3      |         | 50   | 0164400000 |
| KISC M3X5            |         | 100  | 1052100000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
|                      |         |      |            |
| GZ 2.0A              |         | 10   | 0294500000 |
| GZ 3.0A              |         | 10   | 0295700000 |
| GZ 5.0A              |         | 10   | 0294600000 |
| GZ 10.0A             |         | 10   | 0293900000 |

## Identification systems (see assortment in catalogue 7)

Marking tags

## Note

DEK 5/8 / WS 12/6,5

Refer to the W-Series accessories section for cross-connection information.

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version                   |  |
|---------------------------|--|
| 500 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

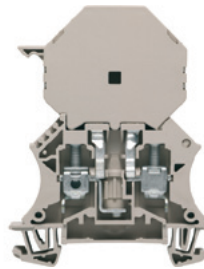
| Screwable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|                                                                                     | 3-pole                   |
|                                                                                     | 4-pole                   |
|                                                                                     | 10-pole                  |
|                                                                                     | Lock washer              |
|                                                                                     | Mounting screw           |
| End plate / Partition plate                                                         |                          |
|                                                                                     | Dark beige Wemid         |
|                                                                                     | Dark beige Wemid         |
| G25 with indicator / imperial (inch) fuse                                           |                          |
|                                                                                     | 0.50 A medium slow / 2 A |
|                                                                                     | 1.00 A medium slow / 3 A |
|                                                                                     | 2.00 A fast / 5 A        |
|                                                                                     | 4.00 A fast / 10 A       |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WSI 6/2 m. LED

6 mm<sup>2</sup>

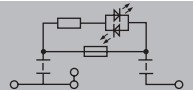
Imperial fuses / bipolar LED



11.9 x 60 x 79.5

6.3 / 10

0.5...10



IEC 60947-7-3

| IEC                                                                               | UL         | CSA        |
|-----------------------------------------------------------------------------------|------------|------------|
| 6.3                                                                               |            |            |
| 6                                                                                 | AWG 22...8 | AWG 20...6 |
|                                                                                   | 6 kV / 3   |            |
|                                                                                   | A5 / V-0   |            |
|  |            |            |
| Rated connection                                                                  |            |            |
| 0.5...10 / 1.5...10                                                               |            |            |
| 0.5...10 / 0.5...6                                                                |            |            |
| 0.8...1.6 Nm (M 3.5)                                                              |            |            |
| 12 / 4.0 x 0.8 mm                                                                 |            |            |
| 0.5...2.5                                                                         |            |            |
| 0.5...2.5 / 0.5...2.5                                                             |            |            |
| Note                                                                              |            |            |
| Fuse inserts or contact sleeves should be attached in the middle.                 |            |            |

| Type                                                                    | Qty. | Order No.  |
|-------------------------------------------------------------------------|------|------------|
| WSI 6/2/LD 10-36V DC/AC                                                 | 25   | 1014100000 |
| WSI 6/2/LD 30-70V DC/AC                                                 | 25   | 1014200000 |
| WSI 6/2/LD 60-150VDC/AC                                                 | 25   | 1014300000 |
| WSI 6/2/LD 250AC                                                        | 25   | 1014400000 |
| Note                                                                    |      |            |
| Max. power loss (1.6 W) at the cartridge fuse limits the rated current. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK16           | 76 A    | 50   | 0470700000 |
| QL 3 SAK16           | 76 A    | 50   | 0470800000 |
| QL 4 SAK16           | 76 A    | 50   | 0470900000 |
| QL 10 SAK16          | 76 A    | 20   | 0471000000 |
| SS M3 D 128-A 3      |         | 50   | 0164400000 |
| KISC M3X5            |         | 100  | 1052100000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| GZ 2.0A              |         | 10   | 0294500000 |
| GZ 3.0A              |         | 10   | 0295700000 |
| GZ 5.0A              |         | 10   | 0294600000 |
| GZ 10.0A             |         | 10   | 0293900000 |





## WSI 6 LD LLC fused terminal blocks with minimised leakage current

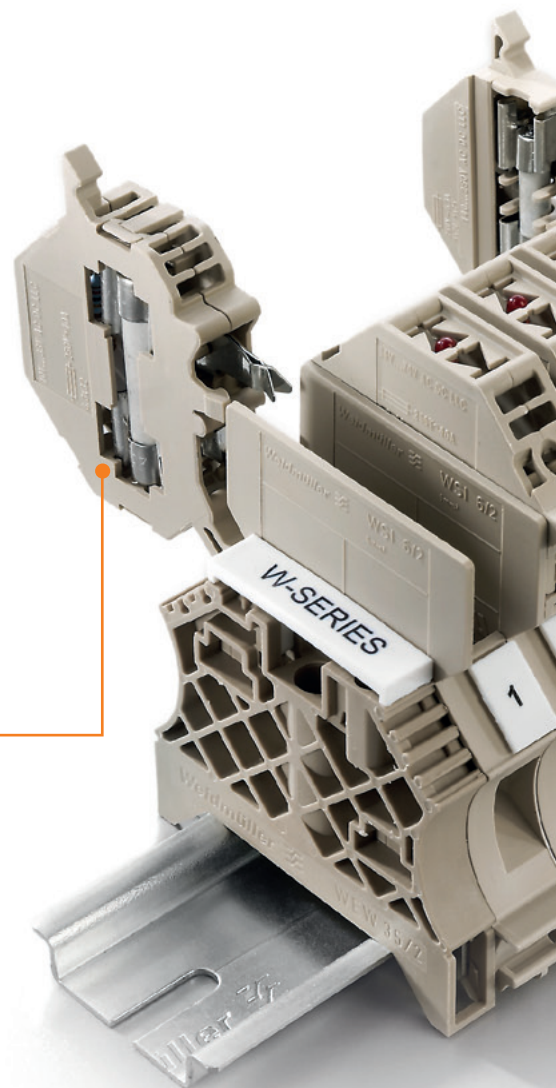
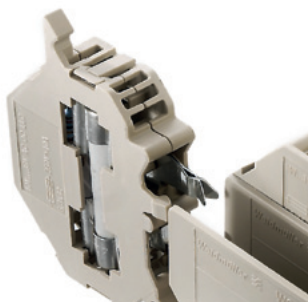
**Clearly visible status LED with extremely low leakage current for error indication with an optimal energy balance**

Weidmüller has extended its line of screw connect fuse terminals to include the WSI 6 LD LLC and WSI 6/2 LD LLC variants. The terminals have bright status displays which are wired in parallel with the fuse so that, in the event of an outage, the fuse supplies a low leakage current to the LEDs. Since this is undesired current, it is maintained at the lowest level possible. Weidmüller's BFI (Blown Fuse Indicator) circuitry is designed for a reduced leakage current of less than 500  $\mu\text{A}$ . Despite the reduced leakage current, the status displays are still very bright and thus always easy to see.

The leakage current of the bipolar LED circuitry complies with the CSA standard C22.2 No. 39 for fuse holder units and the UL standard 512 for fuse holders.

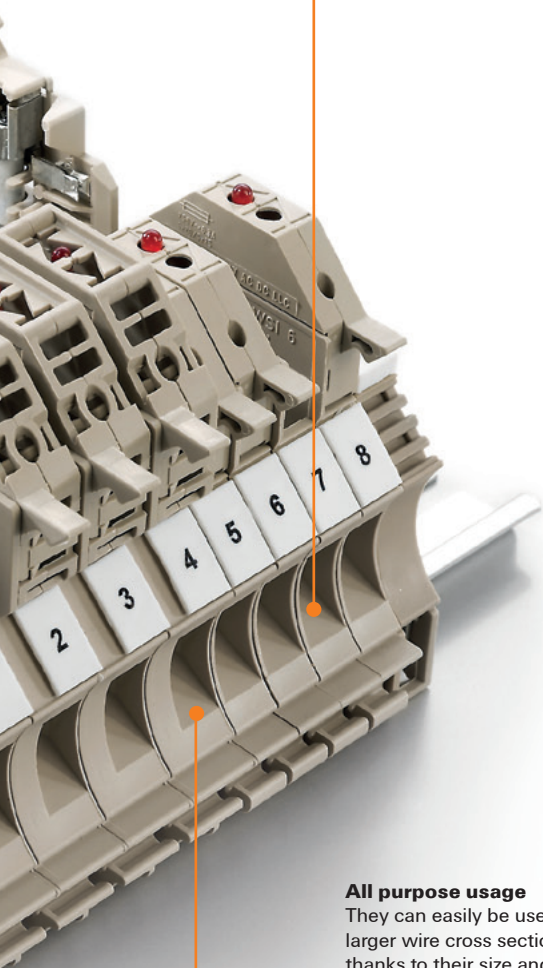
### **Fuse is convenient to replace**

The fuse holder is easy to access and can pivot, so you can quickly and safely replace a blown fuse.



### Good cable visibility

Because of the broad width, visibility remains clear and accessible even with many wires connected.



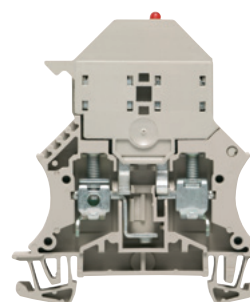
### All purpose usage

They can easily be used in applications with larger wire cross sections of up to 10 mm<sup>2</sup>, thanks to their size and the use of larger connection elements.



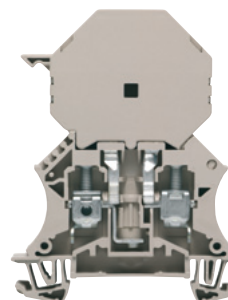
### WSI 6 LD LLC

The WSI-6-LD-LLC variants, with their thin 7.9 mm width, are perfect for use with the 5 x 20 mm fuses.



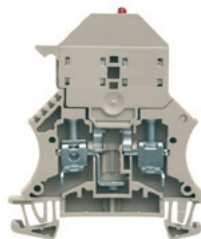
### WSI 6/2 LD LLC

The WSI-6/2-LD-LLC variants, with their width of 11.9 mm, are the best solution for use with 1 1/4" x 1/4" fuses.



## Fuse terminals

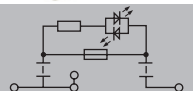
## WSI 6/LD LLC

6 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

7.9 x 60 x 72

**6.3 / 10****0.5...10**

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

IEC 60947-7-3

| IEC                   | UL         | CSA        |
|-----------------------|------------|------------|
| 500                   | 600 (C)    | 250 (C)    |
| 6.3                   | 10 (C)     | 6.3 (C)    |
| 6                     | AWG 22...8 | AWG 20...8 |
| / 3                   |            |            |
| A5 / V-0              |            |            |
|                       |            |            |
| Rated connection      |            |            |
| 0.5...10 / 1.5...10   |            |            |
| 0.5...10 / 0.5...6    |            |            |
| 0.8...1.6 Nm (M 3.5)  |            |            |
| / 4.0 x 0.8 mm        |            |            |
| Note                  |            |            |
| 0.5...2.5 / 0.5...2.5 |            |            |
| Note                  |            |            |

## Ordering data

| Version                   |
|---------------------------|
| 10-36 V AC/DC, with LED   |
| 30-70 V AC/DC, with LED   |
| 60-150 V AC/DC, with LED  |
| 140-250 V AC/DC, with LED |
| Note                      |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WSI 6/LD 10-36V LLC  | 50   | 1119840000 |
| WSI 6/LD 30-70V LLC  | 50   | 1119830000 |
| WSI 6/LD 60-150V LLC | 50   | 1119850000 |
| WSI 6/LD 250AC LLC   | 50   | 1119870000 |
|                      |      |            |

## Accessories

| Screwable cross-connection                |                  |
|-------------------------------------------|------------------|
|                                           | 2-pole           |
|                                           | 3-pole           |
|                                           | 4-pole           |
|                                           | 10-pole          |
| End plate / Partition plate               |                  |
|                                           | Dark beige Wemid |
| End bracket                               |                  |
|                                           | Dark beige Wemid |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2) |                  |
|                                           | 0.25 A fast      |
|                                           | 0.50 A fast      |
|                                           | 1.00 A fast      |
|                                           | 2.00 A fast      |
| Screwdriver                               |                  |
|                                           | Standard         |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| Note                 |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| Note                 |         |      |            |
| G 20/0.25A/F         |         | 10   | 0430500000 |
| G 20/0.50A/F         |         | 10   | 0430600000 |
| G 20/1.00A/F         |         | 10   | 0430700000 |
| G 20/2.00A/F         |         | 10   | 0430900000 |
| Note                 |         |      |            |
| SDS 0.8X4.0X100      |         | 1    | 9008340000 |

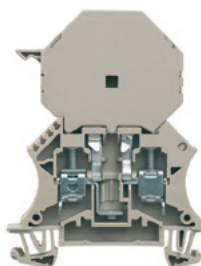
Identification systems (see assortment in catalogue 7)

Marking tags

Note

DEK 5/8 / WS 12/6,5

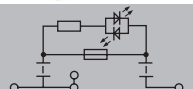
## WSI 6/2/LD LLC

6 mm<sup>2</sup>

11.9 x 60 x 79.5

6.3 / 10

0.5...10



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

IEC 60947-7-3

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 500      | 600 (C)    | 150 (C)    |
| 6.3      | 10 (C)     | 6.3 (C)    |
| 6        | AWG 22...8 | AWG 20...8 |
| / 3      |            |            |
| A5 / V-0 |            |            |



| Rated connection     |  |
|----------------------|--|
| 0.5...10 / 1.5...10  |  |
| 0.5...10 / 0.5...6   |  |
| 0.8...1.6 Nm (M 3.5) |  |
| / 4.0 x 0.8 mm       |  |
| Note                 |  |

## Ordering data

| Version                   |  |
|---------------------------|--|
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| WSI 6/2/LD 10-36V LLC  | 25   | 1119800000 |
| WSI 6/2/LD 30-70V LLC  | 25   | 1119810000 |
| WSI 6/2/LD 60-150V LLC | 25   | 1119820000 |
| WSI 6/2/LD 250AC LLC   | 25   | 1119790000 |
| Note                   |      |            |

## Accessories

| Screwable cross-connection                                                          |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
|                                                                                     | 10-pole          |
| End plate / Partition plate                                                         |                  |
|                                                                                     | Dark beige Wemid |
|                                                                                     | Dark beige Wemid |
| End bracket                                                                         |                  |
|                                                                                     | Dark beige Wemid |
| G25 with indicator / imperial (inch) fuse                                           |                  |
| 0.50 A medium slow / 2 A                                                            |                  |
| 1.00 A medium slow / 3 A                                                            |                  |
| 2.00 A fast / 5 A                                                                   |                  |
| 4.00 A fast / 10 A                                                                  |                  |
| Screwdriver                                                                         |                  |
|                                                                                     | Standard         |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK16           | 76 A    | 50   | 0470700000 |
| QL 3 SAK16           | 76 A    | 50   | 0470800000 |
| QL 4 SAK16           | 76 A    | 50   | 0470900000 |
| QL 10 SAK16          | 76 A    | 20   | 0471000000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| Note                 |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| Note                 |         |      |            |
| GZ 2.0A              |         | 10   | 0294500000 |
| GZ 3.0A              |         | 10   | 0295700000 |
| GZ 5.0A              |         | 10   | 0294600000 |
| GZ 10.0A             |         | 10   | 0293900000 |
| Note                 |         |      |            |
| SDS 0.8X4.0X100      |         | 1    | 9008340000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

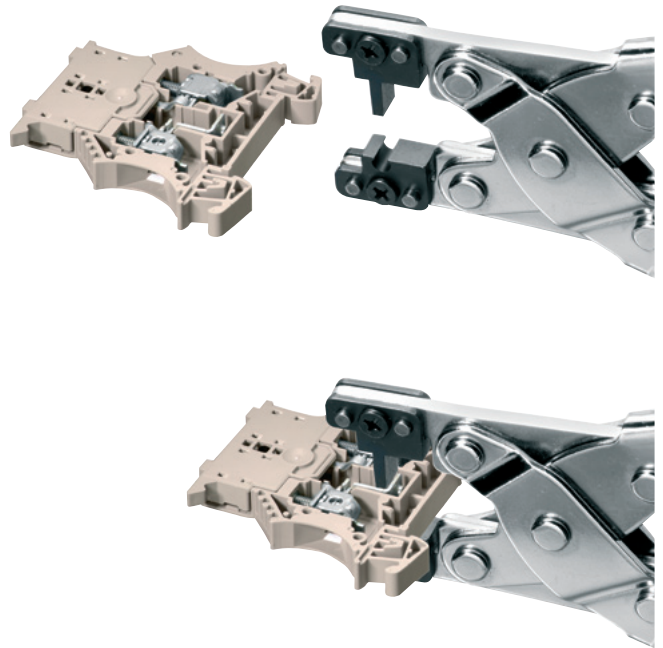
|                     |
|---------------------|
| DEK 5/8 / WS 12/6,5 |
|---------------------|

## Cross-connections with test-disconnect terminal / fuse terminal WSI 6

### WSI 6 installation

To install, screw the cross-connection lugs QL X SAK6N directly to the current bar (Order No. 1052 100000 KISC M3X5). To do this, push out the pre-punched side window of the terminal carrier with the help of tool WAW 2 (order No. 90045 10000) and clip the terminal in place. Now open the fuse holder and insert the fixing screw. Slip the cross-connection lug in through the punched opening in the side of the terminal carrier and secure it with the fixing screw.

**Important!** The side window of the last terminal may not be broken out as otherwise the rated voltage cannot be guaranteed.





Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                 |
|-----------------------------------------|-----------------|
| Width/Length/Height of lowest version   | mm              |
| max. current / max. cond. cross-section | A               |
| Max. clamping range                     | mm <sup>2</sup> |

Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |
| Note                                                 |                 |

Ordering data

| Version             |  |
|---------------------|--|
| 1-pole, without LED |  |
| 2-pole, without LED |  |
| 3-pole, without LED |  |
| 1-pole, with LED    |  |
| Note                |  |

Accessories

| Identification systems          |  |
|---------------------------------|--|
| (see assortment in catalogue 7) |  |
| Marking tags                    |  |
| Note                            |  |

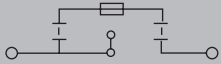
Technical drawing

WSI 25 10x38

25 mm<sup>2</sup>



|              |
|--------------|
| 36 x 58 x 58 |
| 32 / 25      |
| 1.5...25     |

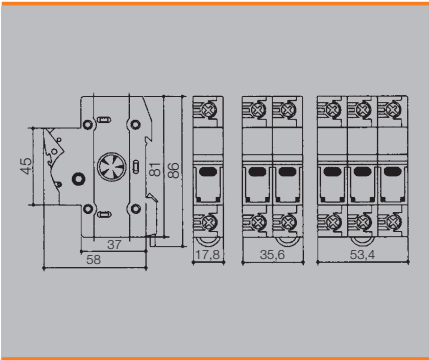


| IEC 60947-7-3                                                                  |    |            |
|--------------------------------------------------------------------------------|----|------------|
| IEC                                                                            | UL | CSA        |
| 690                                                                            |    | 600 (C)    |
| 32                                                                             |    | 30 (C)     |
| 25                                                                             |    | AWG 14...3 |
| 6 kV / 3                                                                       |    |            |
| / V-0                                                                          |    |            |
| Rated connection                                                               |    |            |
| 1.5...25 / 1.5...25                                                            |    |            |
| 1.5...25 / 1.5...25                                                            |    |            |
| 2...2.5 Nm                                                                     |    |            |
| Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum. |    |            |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| WSI 25/1 10x38     | 12   | 1966020000 |
| WSI 25/2 10x38     | 6    | 1966090000 |
| WSI 25/3 10x38     | 4    | 1966080000 |
| WSI 25/1 10x38/LED | 12   | 1966060000 |

| Type | Width | Qty. | Order No. |
|------|-------|------|-----------|
|------|-------|------|-----------|

|          |
|----------|
| ESG 6/15 |
|----------|

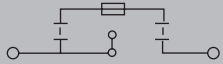


WSI 25 CC

25 mm<sup>2</sup>



|              |
|--------------|
| 18 x 58 x 58 |
| 32 / 25      |
| 1.5...25     |

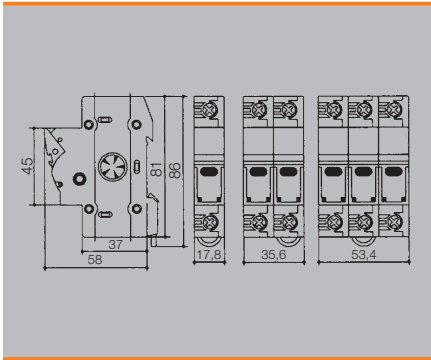


| IEC 60947-7-3                                                                  |    |            |
|--------------------------------------------------------------------------------|----|------------|
| IEC                                                                            | UL | CSA        |
| 690                                                                            |    |            |
| 32                                                                             |    |            |
| 25                                                                             |    | AWG 18...4 |
| 6 kV / 3                                                                       |    |            |
| / V-0                                                                          |    |            |
| Rated connection                                                               |    |            |
| 1.5...25 / 1.5...25                                                            |    |            |
| 1.5...25 / 1.5...25                                                            |    |            |
| 2...2.5 Nm                                                                     |    |            |
| Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum. |    |            |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WSI 25/1 CC     | 12   | 1966050000 |
| WSI 25/2 CC     | 6    | 1966040000 |
| WSI 25/3 CC     | 4    | 1966030000 |
| WSI 25/1 CC/LED | 12   | 1966070000 |

| Type | Width | Qty. | Order No. |
|------|-------|------|-----------|
|------|-------|------|-----------|

|          |
|----------|
| ESG 6/15 |
|----------|



WSI 25/1 10x38 1KV

25 mm<sup>2</sup>



NEW

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|              |
|--------------|
| 18 x 58 x 58 |
| 32 / 25      |
| 1.5...25     |



Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |
| Note                                                 |                 |

| IEC 60947-7-3                                                                  |          |     |
|--------------------------------------------------------------------------------|----------|-----|
| IEC                                                                            | UL       | CSA |
| 1000                                                                           |          |     |
| 32                                                                             |          |     |
| 25                                                                             |          |     |
|                                                                                | 6 kV / 3 |     |
|                                                                                | / V-0    |     |
| Rated connection                                                               |          |     |
| 1.5...25 / 1.5...25                                                            |          |     |
| 1.5...25 / 1.5...25                                                            |          |     |
| 2...2.5 Nm                                                                     |          |     |
| Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum. |          |     |

Ordering data

| Version             |  |
|---------------------|--|
| 1-pole, without LED |  |
| 1-pole, with LED    |  |
| Note                |  |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| WSI 25/1 10x38 1KV     | 12   | 1137790000 |
| WSI 25/1 10X38/LED 1KV | 12   | 1137780000 |

Accessories

| Safety fuses |  |
|--------------|--|
| 2 A          |  |
| 4 A          |  |
| 6 A          |  |
| 8 A          |  |
| 10 A         |  |
| 12 A         |  |
| 16 A         |  |
| 20 A         |  |

| Type                  | Width | Qty. | Order No.  |
|-----------------------|-------|------|------------|
| FUSE 1KV DC 2A 10/38  |       | 10   | 1224870000 |
| FUSE 1KV DC 4A 10/38  |       | 10   | 1224880000 |
| FUSE 1KV DC 6A 10/38  |       | 10   | 1224890000 |
| FUSE 1KV DC 8A 10/38  |       | 10   | 1224900000 |
| FUSE 1KV DC 10A 10/38 |       | 10   | 1224910000 |
| FUSE 1KV DC 12A 10/38 |       | 10   | 1224920000 |
| FUSE 1KV DC 16A 10/38 |       | 10   | 1224930000 |
| FUSE 1KV DC 20A 10/38 |       | 10   | 1224950000 |

| (see assortment in catalogue 7) |  |
|---------------------------------|--|
| Note                            |  |



## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

## Ordering data

| Version | 500 V AC/DC, w/o LED |
|---------|----------------------|
| Note    |                      |

## Accessories

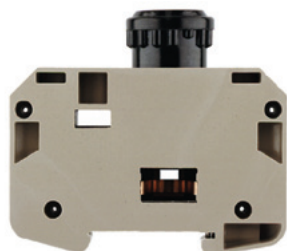
| Screwable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
|                             | Lock washer      |
|                             | Mounting screw   |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
| Screw cover cap             |                  |
|                             | SK               |
| Fuse cartridges             |                  |
|                             |                  |
| Gauge rings                 |                  |
|                             |                  |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

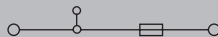
## SAKS 2/35 DB

10 mm<sup>2</sup>

D fuses E 16



27.6 x 80 x 75  
10 / 16  
0.22...16



IEC 60947-7-3

| IEC                 | UL | CSA        |
|---------------------|----|------------|
| 500                 |    | 600 (C)    |
| 10                  |    | 25 (C)     |
| 10                  |    | AWG 22...8 |
| 6 kV / 3            |    |            |
| B6 / V-0            |    |            |
|                     |    |            |
| Rated connection    |    |            |
| 0.5...16 / 0.5...10 |    |            |
| 0.5...10 / 0.5...10 |    |            |
| 1.2...2.4 Nm (M 4)  |    |            |
| 12 / 1.0 x 5.5 mm   |    |            |

Connections for stranded conductors from 10 mm<sup>2</sup> and AWG conductors require a tightening torque of 2 Nm.

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| SAKS 2/35 DB           | 20   | 1368700000 |
| Material Duroplast KRG |      |            |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| QL 2 SAKS2       | 36 A    | 20   | 0207800000 |
| QL 4 SAKS2       | 36 A    | 20   | 0208000000 |
| QL 10 SAKS2      | 36 A    | 20   | 0338900000 |
| SS M4 D 128-A 4  |         | 100  | 0136400000 |
| BFSC M4X9T       |         | 100  | 0103300000 |
| Width            |         |      |            |
| WTW EN           | 3 mm    | 20   | 1058800000 |
| SK E16/SAKS2     |         | 25   | 0284110000 |
| E 16/10A RT TNDZ |         | 25   | 0208500000 |
| E 16/16A GR TNDZ |         | 25   | 0208600000 |
| E 16/20A BL TNDZ |         | 25   | 0208700000 |
| E 16/25A GE TNDZ |         | 25   | 0208800000 |
| P 16/10 RT SAKS2 |         | 100  | 0208900000 |
| P 16/16 GR SAKS2 |         | 100  | 0209000000 |
| P 16/20 BL SAKS2 |         | 100  | 0209100000 |

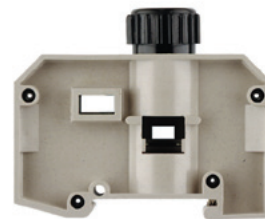
DEK 5/5

Replacement screw cover cap, Order no. 0284110000 (qty. 20).

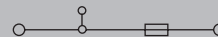
## SAKS 4/35 DB

10 mm<sup>2</sup>

D 01 fuses E 14



24 x 75 x 66  
16 / 16  
0.22...16



IEC 60947-7-3

| IEC                 | UL         | CSA        |
|---------------------|------------|------------|
| 400                 | 600 (C)    | 600 (C)    |
| 16                  | 30 (C)     | 30 (C)     |
| 10                  | AWG 22...8 | AWG 22...8 |
| 6 kV / 3            |            |            |
| B6 / V-0            |            |            |
|                     |            |            |
| Rated connection    |            |            |
| 0.5...16 / 0.5...10 |            |            |
| 0.5...10 / 0.5...10 |            |            |
| 1.2...2.4 Nm (M 4)  |            |            |
| 14 / 1.0 x 5.5 mm   |            |            |

400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm<sup>2</sup> or larger, the torque for stranded and 7-core AWG wires is 2 Nm.

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| SAKS 4/35 DB           | 20   | 0501800000 |
| Material Duroplast KRG |      |            |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| QL 2 SAKS4          | 36 A    | 20   | 0328000000 |
| QL 3 SAKS4          | 36 A    | 20   | 0328100000 |
| QL 10 SAKS4         | 36 A    | 20   | 0339000000 |
| SS M4 D 128-A 4     |         | 100  | 0136400000 |
| BFSC M4X9T          |         | 100  | 0103300000 |
| Width               |         |      |            |
| WTW EN              | 3 mm    | 20   | 1058800000 |
| SK E14 SAKS4        |         | 20   | 0339410000 |
| E 14/2A RS          |         | 10   | 0137400000 |
| E 14/4A BR          |         | 10   | 0137500000 |
| E 14/6A GN          |         | 10   | 0328300000 |
| E 14/10A RT         |         | 10   | 0328400000 |
| P 14/2 D01 RS SAKS4 |         | 50   | 0138000000 |
| P 14/4 D01 BR SAKS4 |         | 50   | 0138100000 |

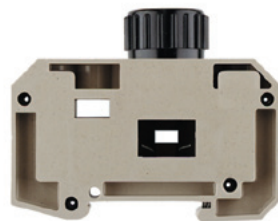
DEK 5/5

Replacement screw cover cap, Order no. 0339410000 (qty. 20).

## SAKS 5/35 DB

10 mm<sup>2</sup>

D 02 fuse E 18



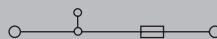
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

28 x 80 x 66

63 / 16

1.5...16



## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

IEC 60947-7-3

| IEC                                                                                                                                                                                                                                                   | UL         | CSA        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 400                                                                                                                                                                                                                                                   | 600 (C)    | 600 (C)    |
| 57                                                                                                                                                                                                                                                    | 40 (C)     | 63 (C)     |
| 10                                                                                                                                                                                                                                                    | AWG 14...6 | AWG 14...6 |
| 6 kV / 3                                                                                                                                                                                                                                              |            |            |
| B7 / V-0                                                                                                                                                                                                                                              |            |            |
|    |            |            |
| Rated connection                                                                                                                                                                                                                                      |            |            |
| 1.5...16 / 1.5...16                                                                                                                                                                                                                                   |            |            |
| 1.5...16 / 1.5...16                                                                                                                                                                                                                                   |            |            |
| 1.2...2.4 Nm (M 4)                                                                                                                                                                                                                                    |            |            |
| 13 / 1.0 x 5.5 mm                                                                                                                                                                                                                                     |            |            |

400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm<sup>2</sup> or larger, the torque for stranded and 7-core AWG wires is 2 Nm.

## Ordering data

| Version              |
|----------------------|
| 500 V AC/DC, w/o LED |
| Note                 |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| SAKS 5/35 DB           | 20   | 0502100000 |
| Material Duroplast KRG |      |            |

## Accessories

| Screwable cross-connection  |  |
|-----------------------------|--|
| 2-pole                      |  |
| 3-pole                      |  |
| 4-pole                      |  |
| 10-pole                     |  |
| Lock washer                 |  |
| Mounting screw              |  |
| End plate / Partition plate |  |
| Dark beige Wemid            |  |
| Screw cover cap             |  |
| SK                          |  |
| Fuse cartridges             |  |



| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAKS2           | 36 A    | 20   | 0207800000 |
| QL 4 SAKS2           | 36 A    | 20   | 0208000000 |
| QL 10 SAKS2          | 36 A    | 20   | 0338900000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| BFSC M4X9T           |         | 100  | 0103300000 |
| Width                |         |      |            |
| WTW EN               | 3 mm    | 20   | 1058800000 |
| SK E18 SAKS5         |         | 20   | 0359310000 |
| E 18/20A BL          |         | 10   | 0361300000 |
| E 18/25A GE          |         | 10   | 0361400000 |
| E 18/35A SW          |         | 10   | 0361500000 |
| Gauge rings          |         |      |            |
| P 18/20 D02 BL SAKS5 |         | 50   | 0361800000 |
| P 18/25 D02 GE SAKS5 |         | 50   | 0361900000 |
| P 18/35 D02 SW SAKS5 |         | 50   | 0362000000 |
| P 18/50 D02 WS SAKS5 |         | 50   | 0362100000 |

|                        |                                 |
|------------------------|---------------------------------|
| Identification systems | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

|                                                              |
|--------------------------------------------------------------|
| DEK 5/5                                                      |
| Replacement screw cover cap, Order no. 0359310000 (qty. 20). |

## Fuse terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage to adjoining terminal                  | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

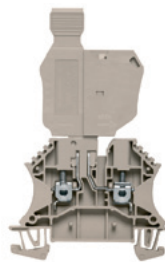
| Version                   |  |
|---------------------------|--|
| 400 V AC/DC, w/o LED      |  |
| 10-36 V AC/DC, with LED   |  |
| 30-70 V AC/DC, with LED   |  |
| 60-150 V AC/DC, with LED  |  |
| 140-250 V AC/DC, with LED |  |
| Note                      |  |

## Accessories

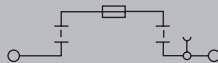
| Pluggable cross-connection                                                          |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
|                                                                                     | 10-pole          |
| End plate / Partition plate                                                         |                  |
|                                                                                     | Dark beige Wemid |
|                                                                                     | Dark beige Wemid |
| G-fuse cartridge, 5 x 20 mm (IEC 60127-2)                                           |                  |
|                                                                                     | 0,25 A fast      |
|                                                                                     | 0,50 A fast      |
|                                                                                     | 1,00 A fast      |
|                                                                                     | 2,00 A fast      |
| Screwdriver                                                                         |                  |
|                                                                                     | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WTR 2.5/SI

2.5 mm<sup>2</sup>

5.1 x 60 x 97.5  
**6.3 / 4**  
**0.05...4**



IEC 60947-7-3

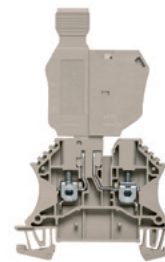
| IEC                                                                                                                                                          | UL          | CSA         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                                                                                          | 600 (C)     | 300 (B)     |
| 6.3                                                                                                                                                          | 10 (C)      | 10 (B)      |
| 2.5                                                                                                                                                          | AWG 22...12 | AWG 26...12 |
| 6 kV / 3                                                                                                                                                     |             |             |
| A3 / V-0                                                                                                                                                     |             |             |
|                                                                             |             |             |
| Rated connection                                                                                                                                             |             |             |
| 0.5...4 / 1.5...4                                                                                                                                            |             |             |
| 0.5...4 / 0.5...2.5                                                                                                                                          |             |             |
| 0.4 0.8 Nm (M 2.5)                                                                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                                                                            |             |             |
| 2 conductors with same cross-section (H05V/H07V)                                                                                                             |             |             |
| 0.5...1.5                                                                                                                                                    |             |             |
| 0.5...1.5 / 0.5...1.5                                                                                                                                        |             |             |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |             |             |

| Type                                                                                                       | Qty. | Order No.  |
|------------------------------------------------------------------------------------------------------------|------|------------|
| WTR 2.5/SI                                                                                                 | 25   | 1763940000 |
| WTR 2.5/SI LD 36V                                                                                          | 25   | 1763950000 |
|                                                                                                            |      |            |
|                                                                                                            |      |            |
|                                                                                                            |      |            |
| UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA. |      |            |

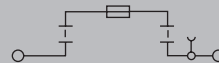
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 2.5N/2 GE        | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE        | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE        | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE       | 24 A    | 20   | 1693880000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| G 20/0.25A/F         |         |      |            |
|                      |         | 10   | 0430500000 |
| G 20/0.50A/F         |         |      |            |
|                      |         | 10   | 0430600000 |
| G 20/1.00A/F         |         |      |            |
|                      |         | 10   | 0430700000 |
| G 20/2.00A/F         |         |      |            |
|                      |         | 10   | 0430900000 |
| SDS 0.6X3.5X100      |         |      |            |
|                      |         | 1    | 9008330000 |

|                                                                                    |
|------------------------------------------------------------------------------------|
| DEK 5/5 / WS 12/5                                                                  |
| Cross-connection options for WTR 2.5, refer to the "W-Series Accessories" section. |

## WTR 4/SI

4 mm<sup>2</sup>

6.1 x 60 x 97.5  
**6.3 / 6**  
**0.22...6**



IEC 60947-7-3

| IEC                                                                                                    | UL          | CSA         |
|--------------------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                                    | 250 (C)     | 250 (D)     |
| 6.3                                                                                                    | 6.3 (C)     | 6.3 (D)     |
| 4                                                                                                      | AWG 22...10 | AWG 22...10 |
| 6 kV / 3                                                                                               |             |             |
| A4 / V-0                                                                                               |             |             |
|                     |             |             |
| Rated connection                                                                                       |             |             |
| 0.5...6 / 1.5...6                                                                                      |             |             |
| 0.5...4 / 0.5...4                                                                                      |             |             |
| 0.5 1 Nm (M 3)                                                                                         |             |             |
| 13 / 0.6 x 3.5 mm                                                                                      |             |             |
| 2 conductors with same cross-section (H05V/H07V)                                                       |             |             |
| 0.5...2.5                                                                                              |             |             |
| 0.5...1.5 / 0.5...1.5                                                                                  |             |             |
| The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse. |             |             |

| Type                                                                                                       | Qty. | Order No.  |
|------------------------------------------------------------------------------------------------------------|------|------------|
| WTR 4 SI                                                                                                   | 25   | 7910240000 |
| WTR 4/SI LD 36V                                                                                            | 25   | 7914370000 |
| WTR 4/SI LD 70V                                                                                            | 25   | 7914380000 |
| WTR 4/SI LD 150V                                                                                           | 25   | 7914390000 |
| WTR 4/SI LD 250V                                                                                           | 25   | 7914400000 |
| UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 4N/2 GE          | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE          | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE          | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE         | 32 A    | 20   | 1758260000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| G 20/0.25A/F         |         |      |            |
|                      |         | 10   | 0430500000 |
| G 20/0.50A/F         |         |      |            |
|                      |         | 10   | 0430600000 |
| G 20/1.00A/F         |         |      |            |
|                      |         | 10   | 0430700000 |
| G 20/2.00A/F         |         |      |            |
|                      |         | 10   | 0430900000 |
| SDS 0.6X3.5X100      |         |      |            |
|                      |         | 1    | 9008330000 |

|                   |
|-------------------|
| DEK 5/6 / WS 12/6 |
|-------------------|



## Cartridge fuses

## Technical data

| For terminal type |
|-------------------|
| WSI 4             |
| WSI 6             |



| G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 B1 <sup>1)</sup> ) |                  |                  |
|---------------------------------------------------------------------------------------------------|------------------|------------------|
| Size (mm)                                                                                         | Nom. current (A) | Type             |
| 5 x 20<br>breaking capacity 1500 A<br>(at 250 V, 50 Hz, cos φ 0.7)                                | 0.1              | (F) G 20/0.10A/F |
|                                                                                                   | 0.2              | (F) G 20/0.20A/F |
|                                                                                                   | 0.25             | (F) G 20/0.25A/F |
|                                                                                                   | 0.5              | (F) G 20/0.50A/F |
|                                                                                                   | 0.63             | (F) G 20/0.63A/F |
|                                                                                                   | 1.0              | (F) G 20/1.00A/F |
|                                                                                                   | 1.6              | (F) G 20/1.60A/F |
|                                                                                                   | 2.0              | (F) G 20/2.00A/F |
|                                                                                                   | 2.5              | (F) G 20/2.50A/F |
|                                                                                                   | 3.15             | (F) G 20/3.15A/F |
|                                                                                                   | 4.0              | (F) G 20/4.00A/F |
|                                                                                                   | 5.0              | (F) G 20/5.00A/F |
|                                                                                                   | 6.3              | (F) G 20/6.30A/F |
| (M) = medium-blow (F) = fast-blow                                                                 |                  |                  |

## Ordering data

| Qty. | Order No.  |
|------|------------|
| 10   | 0430300000 |
| 10   | 0430400000 |
| 10   | 0430500000 |
| 10   | 0430600000 |
| 10   | 0439000000 |
| 10   | 0430700000 |
| 10   | 0430800000 |
| 10   | 0430900000 |
| 10   | 0431000000 |
| 10   | 0431100000 |
| 10   | 0431200000 |
| 10   | 0431300000 |
| 10   | 0431400000 |

| WSI 6 |
|-------|
|-------|



| G-type cartridge fuses 5 x 25 with indicators to DIN 41576 <sup>1)</sup>             |                                   |                                |
|--------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|
| 5 x 25 m. K. <sup>1)</sup><br>breaking capacity 80 A<br>(at 250 V, 50 Hz, cos φ = 1) | 0.25                              | (M) G 25/0.25A/M               |
|                                                                                      | 0.5                               | (M) G 25/0.50A/M               |
|                                                                                      | 0.8                               | (M) G 25/0.80A/M               |
|                                                                                      | 1                                 | (M) G 25/1.00A/M               |
|                                                                                      | 10                                | (M) <sup>2)</sup> G 25/10.0A/M |
|                                                                                      | 2                                 | (F) G 25/2.00A/F               |
|                                                                                      | 4                                 | (F) G 25/4.00A/F               |
|                                                                                      | 6.3                               | (F) G 25/6.30A/F               |
|                                                                                      | (M) = medium-blow (F) = fast-blow |                                |

|    |            |
|----|------------|
| 10 | 0546900000 |
| 10 | 0510300000 |
| 10 | 0646400000 |
| 10 | 0265800000 |
| 10 | 0193100000 |
| 10 | 0192700000 |
| 10 | 0192800000 |
| 10 | 0192900000 |

| WSI 4/2 |
|---------|
| WSI 6/2 |



| Cartridge fuses 1 1/4" x 1/4" without indicators to BS 88 |   |                  |
|-----------------------------------------------------------|---|------------------|
| 33 kA breaking capacity, 33 kA fast-blow                  |   |                  |
| E 0.5                                                     | A | 0.5 GZ 0.5A/F    |
| E 1                                                       | A | 1 GZ 1.0A/F      |
| E 2                                                       | A | 2 GZ 2.0A        |
| E 3                                                       | A | 3 GZ 3.0A        |
| E 5                                                       | A | 5 GZ 5.0A        |
| E 7                                                       | A | 7 GZ 7.0A        |
| E 10                                                      | A | 10 GZ 10.0A      |
| E 12.5                                                    | A | 12.5 GZ 12.5A/FF |
| (M) = medium-blow (F) = fast-blow                         |   |                  |

|    |            |
|----|------------|
| 10 | 0533800000 |
| 10 | 0525500000 |
| 10 | 0294500000 |
| 10 | 0295700000 |
| 10 | 0294600000 |
| 10 | 0295800000 |
| 10 | 0293900000 |
| 10 | 0245400000 |

| SAKS 2 |
|--------|
|--------|



| D-type cartridge fuses E 16 with indicators to DIN 49360 (Diazed) |   |                |
|-------------------------------------------------------------------|---|----------------|
| E 10                                                              | A | 10 E 16/10A RT |
| E 16                                                              | A | 16 E 16/16A GR |
| E 20                                                              | A | 20 E 16/20A BL |
| E 25                                                              | A | 25 E 16/25A GE |
| (M) = medium-blow (F) = fast-blow                                 |   |                |

|    |            |
|----|------------|
| 25 | 0208500000 |
| 25 | 0208600000 |
| 25 | 0208700000 |
| 25 | 0208800000 |

| SAKS 4 4) |
|-----------|
| SAKS 5    |



| D-type cartridge fuses E 14 size D 01 and E 18 size D 02 with indicators to DIN 49522 (Neozed) <sup>3)</sup> |    |             |
|--------------------------------------------------------------------------------------------------------------|----|-------------|
| E 14/2                                                                                                       | 2  | E 14/2A RS  |
| E 14/4                                                                                                       | 4  | E 14/4A BR  |
| E 14/6                                                                                                       | 6  | E 14/6A GN  |
| E 14/10                                                                                                      | 10 | E 14/10A RT |
| E 14/16                                                                                                      | 16 | E 14/16A GR |
| E 18/20                                                                                                      | 20 | E 18/20A BL |
| E 18/25                                                                                                      | 25 | E 18/25A GE |
| E 18/35                                                                                                      | 35 | E 18/35A SW |
| E 18/50                                                                                                      | 50 | E 18/50A WS |
| E 18/63                                                                                                      | 63 | E 18/63A KU |
| (M) = medium-blow (F) = fast-blow                                                                            |    |             |

|    |            |
|----|------------|
| 10 | 0137400000 |
| 10 | 0137500000 |
| 10 | 0328300000 |
| 10 | 0328400000 |
| 10 | 0328500000 |
| 10 | 0361300000 |
| 10 | 0361400000 |
| 10 | 0361500000 |
| 10 | 0361600000 |
| 10 | 0361700000 |

- Notes:**
- 1) SIBA also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.
  - 2) Cartridge fuses 5 x 30 (500 V~) for SAKS 3 are available from the WICKMANN company.
  - 3) LINDNER also supplies the Neozed cartridge fuses in another version suitable for 440 V~ shipbuilding applications.
  - 4) Cartridge fuses in the sizes 1"x1/4" (25.4 x 6.35 mm) and 13/32"x1 1/2" (10.3 x 38.1 mm) are not included in the range.
  - 5) For SAKS 1 and SAKS 7 only.

In photovoltaic applications, fusing of individual strings is needed.

Specially designed fuses should be used as this deals with DC voltages and current. AC fuses are not suitable.

The range from 2 to 20 Amperes and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.

### Safety fuses, 10 x 38 mm



#### Technical data

| Electrical data         |    |
|-------------------------|----|
| Rated current           | A  |
| Rated voltage           | V  |
| Rated breaking capacity |    |
| Melting integral        |    |
| Power output            |    |
| Additional data         |    |
| Size                    | mm |
| Test dropout voltage    |    |
| Characteristics         |    |
| Standard                |    |

|                          |     |     |     |    |     |     |     |
|--------------------------|-----|-----|-----|----|-----|-----|-----|
| 2                        | 4   | 6   | 8   | 10 | 12  | 16  | 20  |
| 1000                     |     |     |     |    |     |     |     |
| 30 kA @ DC 1000 V (2 ms) |     |     |     |    |     |     |     |
| 3                        | 10  | 45  | 5   | 7  | 10  | 30  | 52  |
| 1.2                      | 1.8 | 2.5 | 1.6 | 2  | 2.4 | 2.1 | 2.5 |
| 10 x 38                  |     |     |     |    |     |     |     |
| 1000 V DC                |     |     |     |    |     |     |     |
| gPV/IEC (If = 1.45 x In) |     |     |     |    |     |     |     |
| gR/UL E180276            |     |     |     |    |     |     |     |
| IEC 60 269-6; As at 2009 |     |     |     |    |     |     |     |
| UL 248-13                |     |     |     |    |     |     |     |

#### Note

#### Ordering data

| Order No. | 1224870000 | 1224880000 | 1224890000 | 1224900000 | 1224910000 | 1224920000 | 1224930000 | 1224950000 |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| Qty.      | 10         |            |            |            |            |            |            |            |

#### Note

### Gauge pieces

#### Technical data

| For terminal type                                                                   |
|-------------------------------------------------------------------------------------|
| SAKS 4/35                                                                           |
|  |
| SAKS 5/35                                                                           |
|  |
| SAKS 2/35                                                                           |
|  |

| Gauge piece type | Amps | Colour | Type          |
|------------------|------|--------|---------------|
| P 14/2           | 2    | pink   | P 14/2D01 RS  |
| P 14/4           | 4    | brown  | P 14/4D01 BR  |
| P 14/6           | 6    | green  | P 14/6D01 GN  |
| P 14/1           | 10   | red    | P 14/10D01 RT |
| P 18/20          | 20   | blue   | P 18/20D02 BL |
| P 18/25          | 25   | yellow | P 18/25D02 GE |
| P 18/35          | 35   | black  | P 18/35D02 SW |
| P 18/50          | 50   | white  | P 18/50D02 WS |
| P 16/10          | 10   | red    | P 16/10 RT    |
| P 16/16          | 16   | grey   | P 16/16 GR    |
| P 16/20          | 20   | blue   | P 16/20 BL    |

#### Ordering data

| Qty. | Order No.  |
|------|------------|
| 50   | 0138000000 |
| 50   | 0138100000 |
| 50   | 0328600000 |
| 50   | 0328700000 |
| 50   | 0361800000 |
| 50   | 0361900000 |
| 50   | 0362000000 |
| 50   | 0362100000 |
| 100  | 0208900000 |
| 100  | 0209000000 |
| 100  | 0209100000 |

## Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Blue Wemid                         |
|         | Without isolator, Dark beige Wemid |
|         | Without STB                        |
| Note    |                                    |

## Accessories

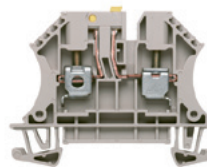
| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |
| Screwdriver                        |                                             |
|                                    | Standard                                    |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WTR 2.5

2.5 mm<sup>2</sup>

With clamping screw



5.1 x 60 x 49  
24 / 4  
0.05...4



IEC 60947-7-1

| IEC                                                                                                          | UL          | CSA         |
|--------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                                          | 600 (C)     | 300 (C)     |
| 24                                                                                                           | 20 (C)      | 10 (C)      |
| 2.5                                                                                                          | AWG 30...12 | AWG 26...12 |
| 6 kV / 3                                                                                                     |             |             |
| A3 / V-0                                                                                                     |             |             |
| Rated connection                                                                                             |             |             |
| 0.5...4 / 1.5...4                                                                                            |             |             |
| 0.5...4 / 0.5...2.5                                                                                          |             |             |
| 0.4...0.8 Nm (M 2.5)                                                                                         |             |             |
| 10 / 0.6 x 3.5 mm                                                                                            |             |             |
| 0.5...1.5                                                                                                    |             |             |
| 0.5...1.5 / 0.5...1.5                                                                                        |             |             |
| 2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). |             |             |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WTR 2.5        | 100  | 1855610000 |
| WTR 2.5 BL     | 100  | 8731640000 |
| WTR 2.5/0.TNHE | 100  | 8731700000 |

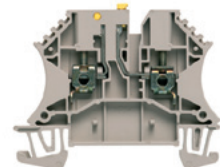
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| Width                  |         |      |            |
| WAP 2.5-10             | 1.5 mm  | 50   | 1050000000 |
| Width                  |         |      |            |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

|                   |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

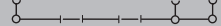
## WTR 2.5 STB

2.5 mm<sup>2</sup>

With sockets



5.1 x 60 x 49  
24 / 4  
0.05...4



IEC 60947-7-1

| IEC                                                                                                          | UL          | CSA         |
|--------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                                          | 600 (C)     | 300 (D)     |
| 24                                                                                                           | 20 (C)      | 10 (D)      |
| 2.5                                                                                                          | AWG 30...12 | AWG 26...12 |
| 6 kV / 3                                                                                                     |             |             |
| A3 / V-0                                                                                                     |             |             |
| Rated connection                                                                                             |             |             |
| 0.5...4 / 1.5...4                                                                                            |             |             |
| 0.5...4 / 0.5...2.5                                                                                          |             |             |
| 0.5...0.7 Nm (M 3)                                                                                           |             |             |
| 10 / 0.6 x 3.5 mm                                                                                            |             |             |
| 0.5...1.5                                                                                                    |             |             |
| 0.5...1.5 / 0.5...1.5                                                                                        |             |             |
| 2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). |             |             |

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| WTR 2.5 STB2.3        | 100  | 1855620000 |
| WTR 2.5 STB2.3 BL     | 100  | 8731660000 |
| WTR 2.5/0.TNHE STB2.3 | 100  | 8731670000 |

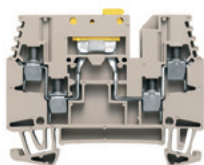
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| Width                  |         |      |            |
| WAP 2.5-10             | 1.5 mm  | 50   | 1050000000 |
| Width                  |         |      |            |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

|                   |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

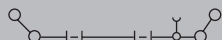
## WTR 2.5/ZZ

2.5 mm<sup>2</sup>

Twin connection



5.1 x 60 x 47  
14 / 4  
0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (D)     | 300 (D)     |
| 14       | 10 (D)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.5...0.6 Nm (M 3)  
7 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WTR 2.5/ZZ    | 100  | 1039900000 |
| WTR 2.5/ZZ BL | 100  | 1039980000 |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

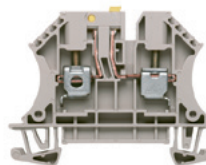
| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ZQV 2.5/2         | 24 A    | 60   | 1608860000 |
| ZQV 2.5/3         | 24 A    | 60   | 1608870000 |
| ZQV 2.5/4         | 24 A    | 60   | 1608880000 |
| ZQV 2.5/10        | 24 A    | 20   | 1608940000 |
| Width             |         |      |            |
| WAP WTR2.5/ZZ     | 1.5 mm  | 20   | 1074600000 |
| WEW 35/2          | 8 mm    | 100  | 1061200000 |
| SIHA 1/G20        | 5.95 mm | 25   | 9537550000 |
| SIHA 1/G20 10-36V | 5.95 mm | 25   | 9537560000 |
| SDS 0.6X3.5X100   |         | 1    | 9008330000 |

DEK 5/5 / WS 12/5

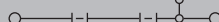
## WTR 4

4 mm<sup>2</sup>

With clamping screw



6.1 x 60 x 49  
32 / 6  
0.22...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (D)     | 300 (C)     |
| 32       | 10 (D)      | 10 (C)      |
| 4        | AWG 22...10 | AWG 22...10 |
| 6 kV / 3 |             |             |
| A4 / V-0 |             |             |



## Rated connection

0.5...6 / 1.5...4  
0.5...4 / 0.5...4  
0.5...0.6 Nm (M 3)  
13 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WTR 4    | 50   | 7910180000 |
| WTR 4 BL | 50   | 7910190000 |

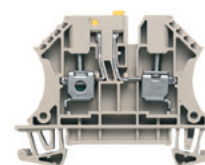
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 4N/2 GE            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE           | 32 A    | 20   | 1758260000 |
| Width                  |         |      |            |
| WAP 2.5-10             | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10   | 1.5 mm  | 20   | 1050100000 |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

WS 12/5

## WTR 4 STB

4 mm<sup>2</sup>

With socket



6.1 x 60 x 49  
32 / 6  
0.22...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (D)     |
| 32       | 22 (C)      | 10 (D)      |
| 4        | AWG 22...10 | AWG 22...10 |
| 6 kV / 3 |             |             |
| A4 / V-0 |             |             |



## Rated connection

0.5...6 / 1.5...6  
0.5...4 / 0.5...4  
0.5...0.6 Nm (M 3)  
13 / 0.6 x 3.5 mm

0.5...1.5  
0.5...1.5 / 0.5...1.5

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WTR 4 STB    | 50   | 7910210000 |
| WTR 4 STB BL | 50   | 7910220000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 4N/2 GE            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE           | 32 A    | 20   | 1758260000 |
| Width                  |         |      |            |
| WAP 2.5-10             | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10   | 1.5 mm  | 20   | 1050100000 |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

WS 12/5



## Test-disconnect terminals

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Blue Wemid                         |
|         | Without isolator, Dark beige Wemid |
|         | Without STB                        |
| Note    |                                    |

## Accessories

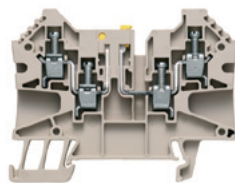
| Pluggable cross-connection                                                          |                                             |
|-------------------------------------------------------------------------------------|---------------------------------------------|
|  | 2-pole                                      |
|                                                                                     | 3-pole                                      |
|                                                                                     | 4-pole                                      |
|                                                                                     | 10-pole                                     |
| End plate / Partition plate                                                         |                                             |
|                                                                                     | Dark beige Wemid                            |
|                                                                                     | Dark beige Wemid                            |
| End bracket                                                                         |                                             |
|                                                                                     | Dark beige Wemid                            |
| Holder for cartridge fuse 5 x 20mm                                                  |                                             |
|                                                                                     | 400 V AC/DC, without LED                    |
|                                                                                     | 10 - 36 V AC/DC, red LED                    |
|                                                                                     | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)                                                       |                                             |
|                                                                                     | without fittings                            |
|                                                                                     | with wire jumper                            |
|                                                                                     | With 1N4007 diode                           |
| Disconnect plug                                                                     |                                             |
|                                                                                     | removable, as replacement for release lever |
| Screwdriver                                                                         |                                             |
|                                                                                     | Standard                                    |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

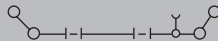
## WTR 4/ZZ

4 mm<sup>2</sup>

Twin connection with clamping screw



6.1 x 70 x 53.5  
27 / 6  
0.05...6



IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   | 600 (C)     | 600 (C)     |
| 27                    | 25 (C)      | 25 (C)      |
| 4                     | AWG 30...10 | AWG 30...10 |
| 6 kV / 3              |             |             |
| A4 / V-0              |             |             |
| Rated connection      |             |             |
| 0.5...6 / 0.5...6     |             |             |
| 0.5...4 / 0.5...4     |             |             |
| 0.5...1 Nm (M 3)      |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |
| 0.5...1.5             |             |             |
| 0.5...1.5 / 0.5...1.5 |             |             |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WTR 4/ZZ | 50   | 1905090000 |
|          |      |            |
|          |      |            |
|          |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 4N/2 GE            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE           | 32 A    | 20   | 1758260000 |
| Width                  |         |      |            |
| WAP WDU/WTR4/ZZ        | 1.5 mm  | 50   | 1905150000 |
|                        |         |      |            |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
|                        |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
|                        |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
|                        |         |      |            |
| TNST                   |         | 50   | 1833090000 |
|                        |         |      |            |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

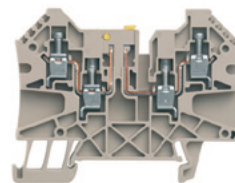
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

WS 12/5

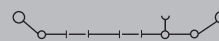
## WTR 4/ZZ STB

4 mm<sup>2</sup>

Twin connection with socket



6.1 x 70 x 53.5  
27 / 6  
0.05...6



IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 500                   | 600 (C)     | 600 (C)     |
| 27                    | 25 (C)      | 25 (C)      |
| 4                     | AWG 30...10 | AWG 30...10 |
| 6 kV / 3              |             |             |
| A4 / V-0              |             |             |
| Rated connection      |             |             |
| 0.5...6 / 0.5...6     |             |             |
| 0.5...4 / 0.5...4     |             |             |
| 0.5...1 Nm (M 3)      |             |             |
| 10 / 0.6 x 3.5 mm     |             |             |
| 0.5...1.5             |             |             |
| 0.5...1.5 / 0.5...1.5 |             |             |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WTR 4/ZZ STB | 50   | 1905100000 |
|              |      |            |
|              |      |            |
|              |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 4N/2 GE            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE           | 32 A    | 20   | 1758260000 |
| Width                  |         |      |            |
| WAP WDU/WTR4/ZZ        | 1.5 mm  | 50   | 1905150000 |
|                        |         |      |            |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
|                        |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
|                        |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
|                        |         |      |            |
| TNST                   |         | 50   | 1833090000 |
|                        |         |      |            |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

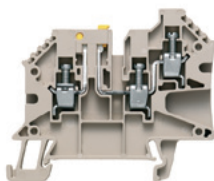
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

WS 12/5

## WTR 4/ZR

4 mm<sup>2</sup>

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53.5

27 / 6

0.05...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 600 (C)     | 600 (C)     |
| 27       | 25 (C)      | 25 (C)      |
| 4        | AWG 30...10 | AWG 30...10 |
| 6 kV / 3 |             |             |
| A4 / V-0 |             |             |



## Rated connection

0.5...6 / 0.5...6

0.5...4

0.5...1 Nm (M 3)

10 / 0.6 x 3.5 mm

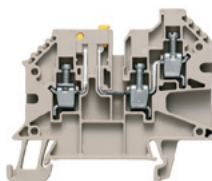
0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

## WTR 4/ZR STB

4 mm<sup>2</sup>

Supplementary connection, right, with socket



6.1 x 63.5 x 53.5

27 / 6

0.05...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 500      | 600 (C)     | 600 (C)     |
| 27       | 25 (C)      | 25 (C)      |
| 4        | AWG 30...10 | AWG 30...10 |
| 6 kV / 3 |             |             |
| A4 / V-0 |             |             |



## Rated connection

0.5...6 / 0.5...6

0.5...4 / 0.5...4

0.5...1 Nm (M 3)

10 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WTR 4/ZR | 50   | 1905080000 |
|          |      |            |
|          |      |            |
|          |      |            |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WTR 4/ZR STB | 50   | 1905110000 |
|              |      |            |
|              |      |            |
|              |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 4N/2 GE            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE           | 32 A    | 20   | 1758260000 |
| Width                  |         |      |            |
| WAP WDU/WTR4/ZR        | 1.5 mm  | 50   | 1905070000 |
|                        |         |      |            |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
|                        |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
|                        |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
|                        |         |      |            |
| TNST                   |         | 50   | 1833090000 |
|                        |         |      |            |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 4N/2 GE            | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE            | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE            | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE           | 32 A    | 20   | 1758260000 |
| Width                  |         |      |            |
| WAP WDU/WTR4/ZR        | 1.5 mm  | 50   | 1905070000 |
|                        |         |      |            |
| WEW 35/2               | 8 mm    | 100  | 1061200000 |
|                        |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
|                        |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
|                        |         |      |            |
| TNST                   |         | 50   | 1833090000 |
|                        |         |      |            |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

DEK 5/5 / WS 12/5

DEK 5/5 / WS 12/5



2.5 mm<sup>2</sup>

### Double disconnect terminal



IEC 60947-7-1

| IEC | UL       | CSA |
|-----|----------|-----|
| 400 |          |     |
| 10  |          |     |
| 2.5 |          |     |
|     | 4 kV / 3 |     |
|     | Δ3 / V-0 |     |

**Rated connection**

0.5...4 / 1.5...4  
0.5...2.5 / 0.5...2.5  
0.5...0.6 Nm (M 3)  
8 / 0.6 x 3.5 mm

|                       |
|-----------------------|
| 0.5...1.5             |
| 0.5...1.5 / 0.5...1.5 |

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| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WDTR 2.5/WE       | 25   | 9528090000 |
|                   |      |            |
| WDTR 2.5/WE 0.STB | 25   | 1297850000 |
|                   |      |            |

[illegible]

DEK 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

## Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Without isolator, Dark beige Wemid |
| Note    |                                    |

## Accessories

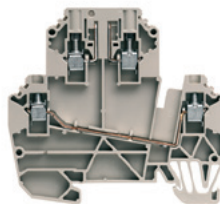
| Screwable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |
| Screwdriver                        |                                             |
|                                    | Standard                                    |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDK 2.5/TR-DU

2.5 mm<sup>2</sup>

NEW



|                 |  |
|-----------------|--|
| 5.1 x 72.5 x 67 |  |
| / 4             |  |
| 0.5...4         |  |

| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 690                 | 300 (C)     | 300 (C)     |
| 24                  | 20 (C)      | 20 (C)      |
| 2.5                 | AWG 30...12 | AWG 30...12 |
| 8 kV / 3            |             |             |
| A2 / V-0            |             |             |
| UL                  |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...1 Nm (M 3)    |             |             |
| / 0.6 x 3.5 mm      |             |             |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WDK 2.5/TR-DU        | 50   | 1247290000 |
| WDK 2.5/TR-DU/o TNHE | 50   | 1833600000 |

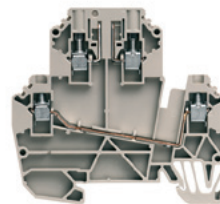
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQV 2.5/2              | 32 A    | 50   | 1053660000 |
| WQV 2.5/3              | 32 A    | 50   | 1053760000 |
| WQV 2.5/4              | 32 A    | 50   | 1053860000 |
| WQV 2.5/10             | 32 A    | 20   | 1054460000 |
| Width                  |         |      |            |
| WAP WDK 2.5N/TR-DU     | 1.5 mm  | 50   | 1839850000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   |         |      |            |
|                        | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         |      |            |
|                        |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

## WDK 2.5/TR-DU/STB

2.5 mm<sup>2</sup>

NEW



|                 |  |
|-----------------|--|
| 5.1 x 72.5 x 67 |  |
| / 4             |  |
| 0.5...4         |  |

| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 690                 | 300 (C)     | 300 (C)     |
| 24                  | 20 (C)      | 20 (C)      |
| 2.5                 | AWG 30...12 | AWG 30...12 |
| 8 kV / 3            |             |             |
| A2 / V-0            |             |             |
| UL                  |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...1 Nm (M 3)    |             |             |
| / 0.6 x 3.5 mm      |             |             |

| Type                     | Qty. | Order No.  |
|--------------------------|------|------------|
| WDK 2.5/TR-DU STB        | 50   | 1247310000 |
| WDK 2.5/TR-DU/o TNHE StB | 50   | 1833610000 |

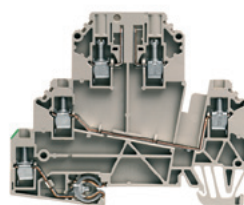
| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQV 2.5/2              | 32 A    | 50   | 1053660000 |
| WQV 2.5/3              | 32 A    | 50   | 1053760000 |
| WQV 2.5/4              | 32 A    | 50   | 1053860000 |
| WQV 2.5/10             | 32 A    | 20   | 1054460000 |
| Width                  |         |      |            |
| WAP WDK 2.5N/TR-DU     | 1.5 mm  | 50   | 1839850000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   |         |      |            |
|                        | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         |      |            |
|                        |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

## WDK 2.5/TR-DU-PE

2.5 mm<sup>2</sup>

NEW



5.1 x 80.5 x 67

/ 4

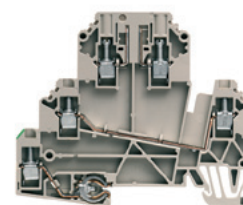
0.5...4



## WDK 2.5/TR-DU-PE/STB

2.5 mm<sup>2</sup>

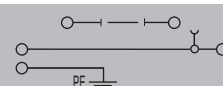
NEW



5.1 x 80.5 x 67

/ 4

0.5...4



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                                    |
|---------|------------------------------------|
|         | Dark beige Wemid                   |
|         | Without isolator, Dark beige Wemid |
| Note    |                                    |

## Accessories

| Screwable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |
| Screwdriver                        |                                             |
|                                    | Standard                                    |

| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 690                 | 300 (C)     | 300 (C)     |
| 24                  | 20 (C)      | 20 (C)      |
| 2.5                 | AWG 30...12 | AWG 30...12 |
| 8 kV / 3            |             |             |
| A2 / V-0            |             |             |
|                     |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...1 Nm (M 3)    |             |             |
| / 0.6 x 3.5 mm      |             |             |
|                     |             |             |
|                     |             |             |
|                     |             |             |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WDK 2.5/TR-DU-PE        | 50   | 1247420000 |
| WDK 2.5/TR-DU-PE/o TNHE | 50   | 1833640000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQV 2.5/2              | 32 A    | 50   | 1053660000 |
| WQV 2.5/3              | 32 A    | 50   | 1053760000 |
| WQV 2.5/4              | 32 A    | 50   | 1053860000 |
| WQV 2.5/10             | 32 A    | 20   | 1054460000 |
| Width                  |         |      |            |
| WAP WDK 2.5N/TR-DU     | 1.5 mm  | 50   | 1839850000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 690                 | 300 (C)     | 300 (C)     |
| 24                  | 20 (C)      | 20 (C)      |
| 2.5                 | AWG 30...12 | AWG 30...12 |
| 8 kV / 3            |             |             |
| A2 / V-0            |             |             |
|                     |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...1 Nm (M 3)    |             |             |
| / 0.6 x 3.5 mm      |             |             |
|                     |             |             |
|                     |             |             |
|                     |             |             |

| Type                        | Qty. | Order No.  |
|-----------------------------|------|------------|
| WDK 2.5/TR-DU-PE STB        | 50   | 1247430000 |
| WDK 2.5/TR-DU-PE/o TNHE StB | 50   | 1833670000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQV 2.5/2              | 32 A    | 50   | 1053660000 |
| WQV 2.5/3              | 32 A    | 50   | 1053760000 |
| WQV 2.5/4              | 32 A    | 50   | 1053860000 |
| WQV 2.5/10             | 32 A    | 20   | 1054460000 |
| Width                  |         |      |            |
| WAP WDK 2.5N/TR-DU     | 1.5 mm  | 50   | 1839850000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

|                  |
|------------------|
| DEK 5/5 / WS 8/5 |
|------------------|

|                  |
|------------------|
| DEK 5/5 / WS 8/5 |
|------------------|

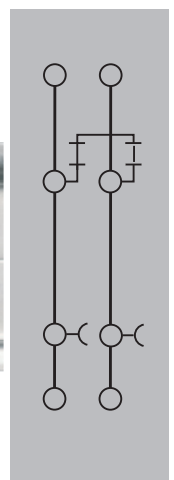
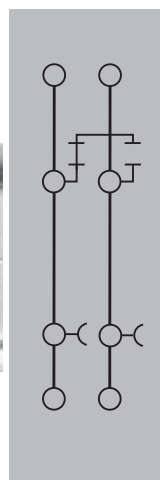
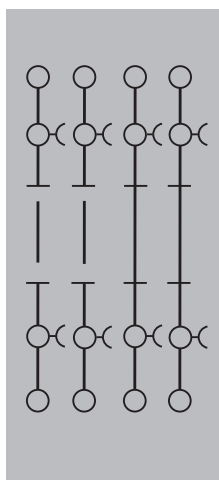
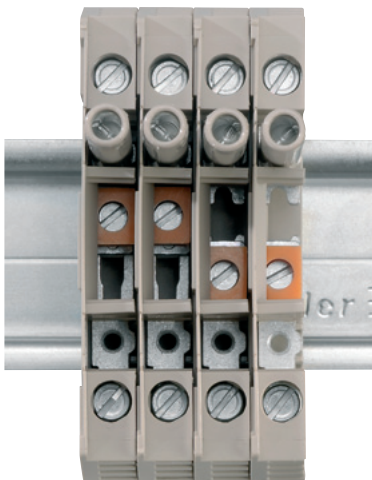
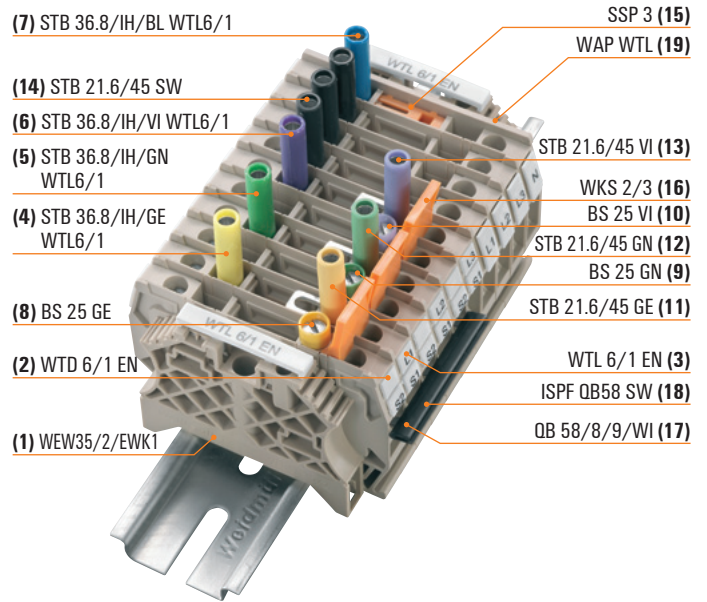
## Testing made easy

### WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably - with the WTL 6/1 EN test-disconnect terminal, the WTD 6/1 EN feed-through terminal, and the WTQ 6/1 EN cross-disconnect terminal.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.





## Example transformer using WTL 6/1 EN

## Ordering data

| Pos. | Type                  | Order No.  | Order No.  | Qty. |
|------|-----------------------|------------|------------|------|
| 1    | WEW35/2/EWK1          | 1061200000 | 0206160000 | 2    |
| 2    | WTD 6/1 EN            | 1934830000 | 1934830000 | 3    |
| 3    | WTL 6/1 EN            | 1934810000 | 1934810000 | 7    |
| 4    | STB 36.8/IH/GE WTL6/1 | 1847760000 | 1847760000 | 1    |
| 5    | STB 36.8/IH/GN WTL6/1 | 1847770000 | 1847770000 | 1    |
| 6    | STB 36.8/IH/VI WTL6/1 | 1847780000 | 1847780000 | 1    |
| 7    | STB 36.8/IH/BL WTL6/1 | 1847790000 | 1847790000 | 1    |
| 8    | BS 25 GE              | 0335700000 | 0335700000 | 1    |
| 9    | BS 25 GN              | 0335600000 | 0335600000 | 1    |
| 10   | BS 25 VI              | 0335800000 | 0335800000 | 1    |
| 11   | STB 21.6/45 GE        | 1936240000 | 1936240000 | 2    |
| 12   | STB 21.6/45 GN        | 1936250000 | 1936250000 | 2    |
| 13   | STB 21.6/45 VI        | 1936260000 | 1936260000 | 2    |
| 14   | STB 21.6/45 SW        | 1936270000 | 1936270000 | 2    |
| 15   | SSP 3                 | 0531760000 | 0531760000 | 7    |
| 16   | WKS 2/3               | 1936140000 | 1936140000 | 3    |
| 17   | QB 58/8/9/WI          | 0545300000 | 0545300000 | 1    |
| 18   | ISPF QB58 SW          | 0546000000 | 0546000000 | 1    |
| 19   | WAP WTL               | 1957710000 | 1957710000 | 1    |
| 20   | VH 16                 | 0309700000 | 0309700000 | 9    |

Additionally available for a shared k-point:

| Pos. | Type         | Order No.  | Order No.  | Qty. |
|------|--------------|------------|------------|------|
| 21   | QB 58*angled | 0545300000 | 0545300000 | 1    |
| 22   | ISPFQB58SW*  | 0546000000 | 0546000000 | 1    |

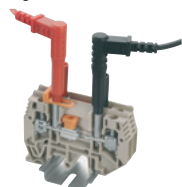
\* Shorten to 5 poles



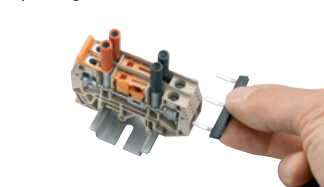
Operating condition with lockout device



Operating condition without lockout device



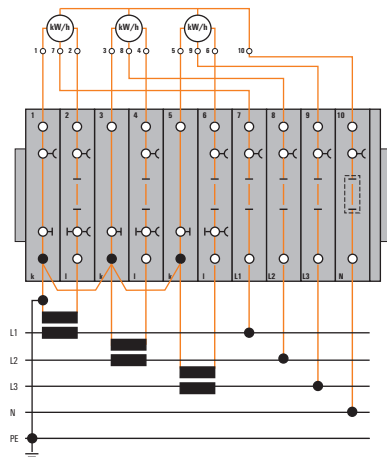
Testing condition with open disconnecting slider



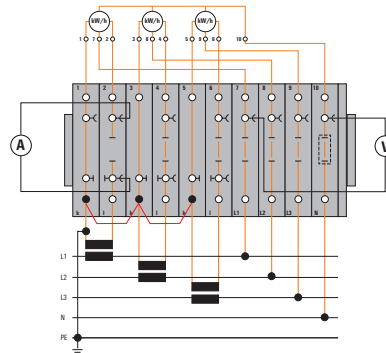
External cross-bridges

## Operating status

(with external distribution of k-point)



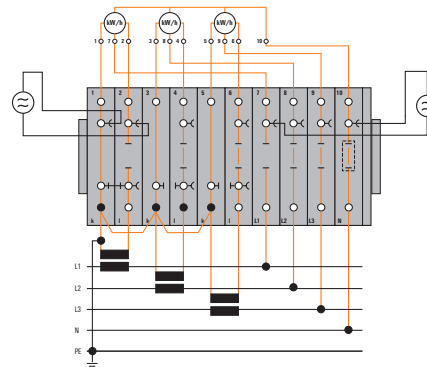
## Comparison measurement for L1



## Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

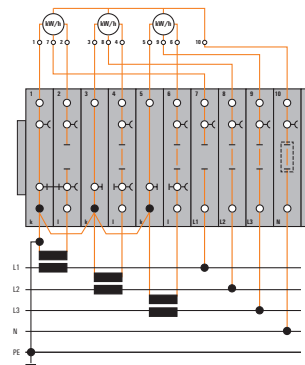
## Meter test for L1 through external power supply



## Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

## Changing the meter for L1



## Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

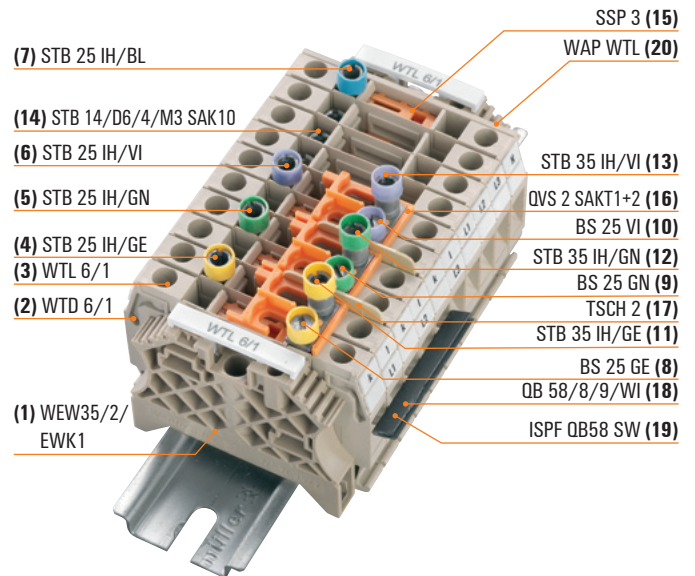


## Testing made easy WTL 6/1, WTD 6/1, WTQ 6/1

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably - with the WTL 6/1 test-disconnect terminal, the WTD 6/1 feed-through terminal, and the WTQ 6/1 cross-disconnect terminal.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



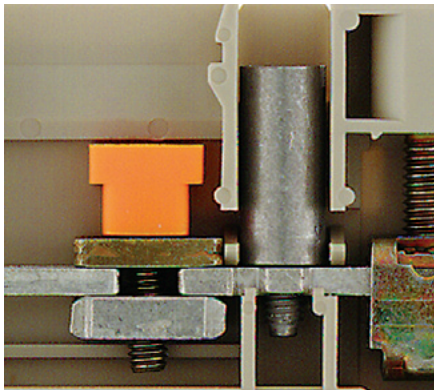
STB 35 IH/SW



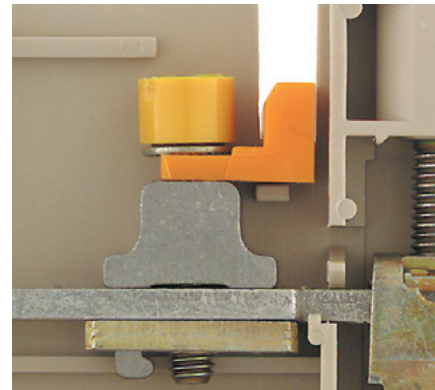
VH 19



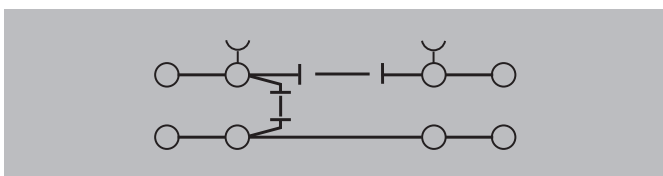
WAP WTL



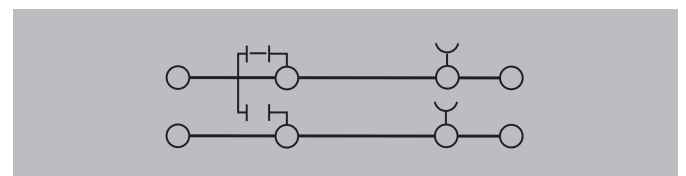
Sliding disconnector is easy to use (WTL 6/1)



Safe disconnection of cross-connection (WTQ 6/1)



One short-circuit slider per terminal (WTL 6/1)



One short-circuit jumper per terminal (WTQ 6/1)

## Example transformer using WTL 6/1

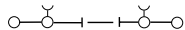
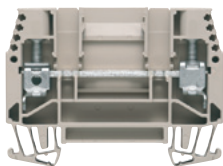
## Ordering data

| Pos. | Type                 | Order No.  | Qty. |
|------|----------------------|------------|------|
| 1    | WEW35/2/EWK1         | 1061200000 | 2    |
| 2    | WTD 6/1              | 1017100000 | 3    |
| 3    | WTL 6/1              | 1016700000 | 7    |
| 4    | STB 25 IH/GE         | 0267200000 | 1    |
| 5    | STB 25 IH/GN         | 0271200000 | 1    |
| 6    | STB 25 IH/VI         | 0271300000 | 1    |
| 7    | STB 25 IH/BL         | 0343400000 | 1    |
| 8    | BS 25 GE             | 0335700000 | 1    |
| 9    | BS 25 GN             | 0335600000 | 1    |
| 10   | BS 25 VI             | 0335800000 | 1    |
| 11   | STB 35 IH/GE         | 0389000000 | 2    |
| 12   | STB 35 IH/GN         | 0388900000 | 2    |
| 13   | STB 35 IH/VI         | 0389100000 | 2    |
| 14   | STB 14/D6/4/M3 SAK10 | 0169900000 | 2    |
| 15   | SSP 3                | 0531760000 | 7    |
| 16   | QVS 2 SAKT1+2        | 0307300000 | 1    |
| 17   | TSCH 2               | 0353660000 | 1    |
| 18   | QB 58/8/9/VI         | 0545300000 | 1    |
| 19   | ISPF QB58 SW         | 0546000000 | 1    |
| 20   | WAP WTL              | 1068300000 | 1    |
| 21   | VH 19                | 0318000000 | 9    |

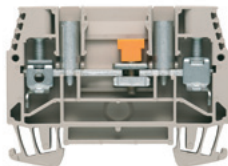
Additionally available for a shared k-point:

| Pos. | Type         | Order No.  | Order No.  | Qty. |
|------|--------------|------------|------------|------|
| 21   | QB 58*angled | 0545300000 | 0545300000 | 1    |
| 22   | ISPFQB58SW*  | 0546000000 | 0546000000 | 1    |

\* Shorten to 5 poles



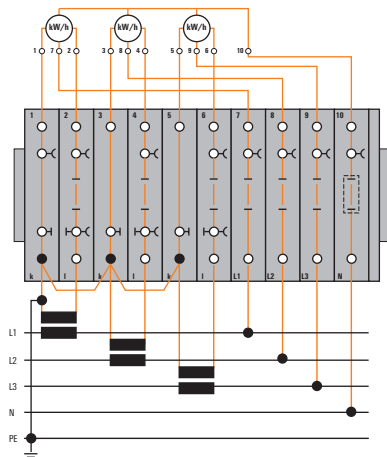
WTD 6/1



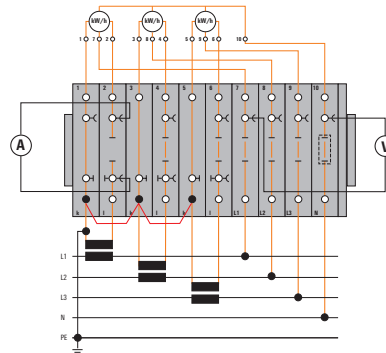
WTL 6/1

## Operating status

(with external distribution of k-point)



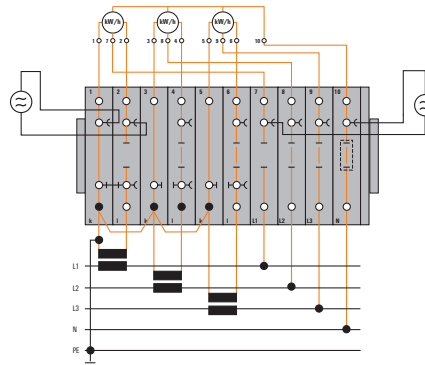
## Comparison measurement for L1



## Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

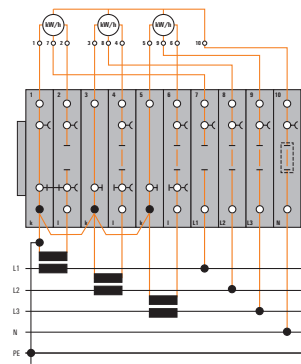
## Meter test for L1 through external power supply



## Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

## Changing the meter for L1



## Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

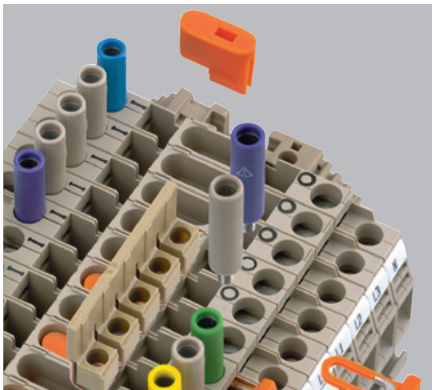
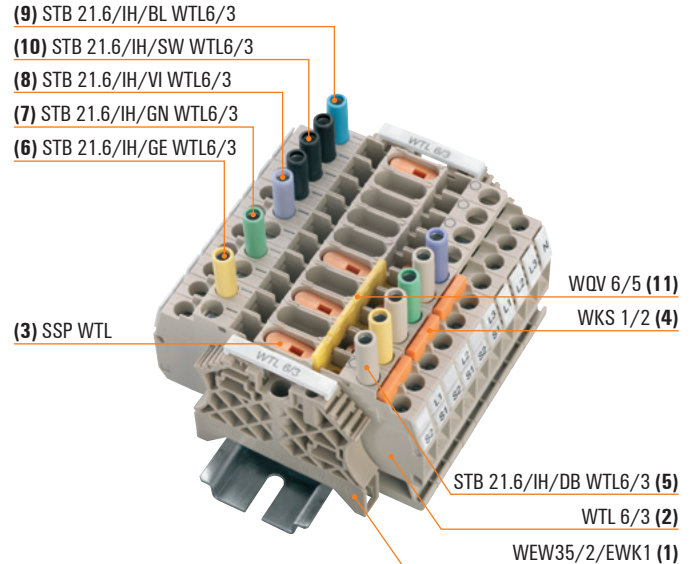
## Convenient test-disconnect terminals WTL 6/2, WTL 6/3

All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

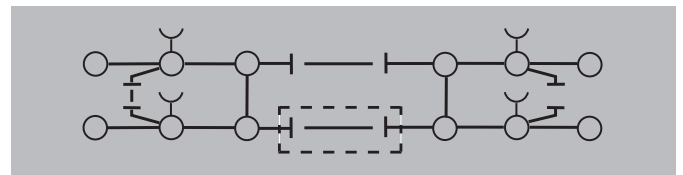
The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6 cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

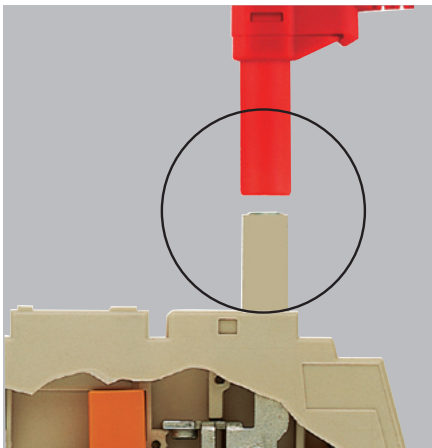
Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.



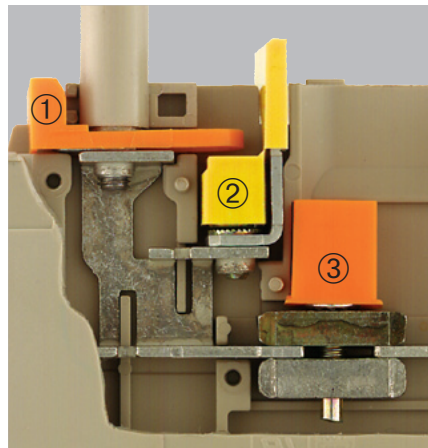
Optimised accessories for all circuit variations



Variation with maximum accessories



Safe test point according VGB 4



Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider



2 DEK markers per connection point

## Example transformer using WTL 6/3

## Ordering data

| Pos. | Type         | Order No.  | Order No.  | Qty. |
|------|--------------|------------|------------|------|
| 1    | WEW35/2/EWK1 | 1061200000 | 0206160000 | 2    |
| 2    | WTL 6/3      | 1018800000 | 1018900000 | 10   |
| 3    | SSP WTL      | 1604200000 | 1604200000 | 4    |
| 4    | WKS 1/2      | 1604270000 | 1604270000 | 3    |

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

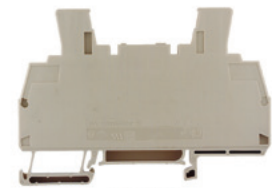
| Pos. | Type                  | Order No.  | Order No.  | Qty. |
|------|-----------------------|------------|------------|------|
| 5    | STB 21.6/IH/DB WTL6/3 | 1071000000 | 1071000000 | 7    |
| 6    | STB 21.6/IH/GE WTL6/3 | 1071010000 | 1071010000 | 2    |
| 7    | STB 21.6/IH/GN WTL6/3 | 1071020000 | 1071020000 | 2    |
| 8    | STB 21.6/IH/VI WTL6/3 | 1071030000 | 1071030000 | 2    |
| 9    | STB 21.6/IH/BL WTL6/3 | 1071080000 | 1071080000 | 1    |
| 10   | STB 21.6/IH/SW WTL6/3 | 1071040000 | 1071040000 | 3    |

Additionally available for a shared k-point:

| Pos. | Type    | Order No.  | Order No.  | Qty. |
|------|---------|------------|------------|------|
| 11   | WQV 6/5 | 1062660000 | 1062660000 | 1    |



WTL 6/3/STB

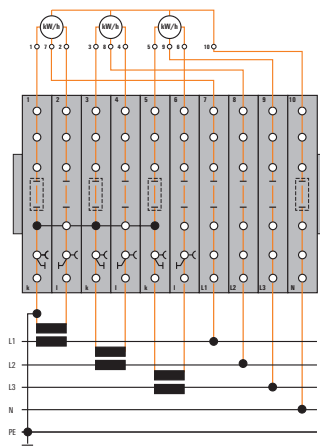


WTL 6/2

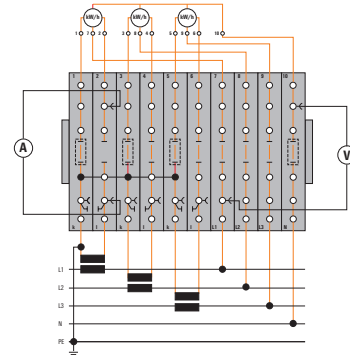
The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.

## Operating status

(with internal distribution of the k-point)



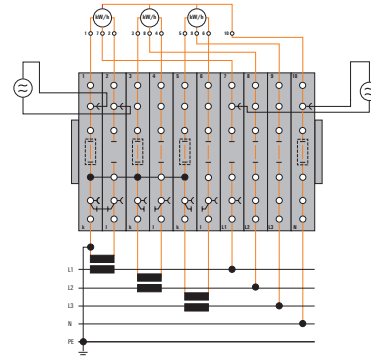
## Comparison measurement for L1



## Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

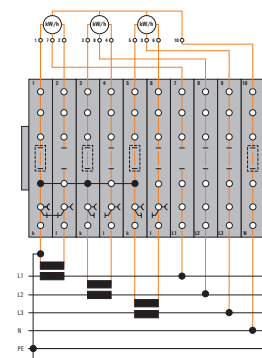
## Meter test for L1 through external power supply



## Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

## Changing the meter for L1



## Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.



# Testing made easy WTL 6 SL / WTD 6 SL

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

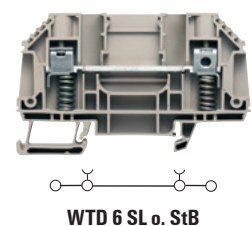
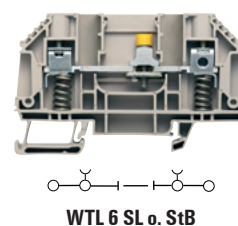
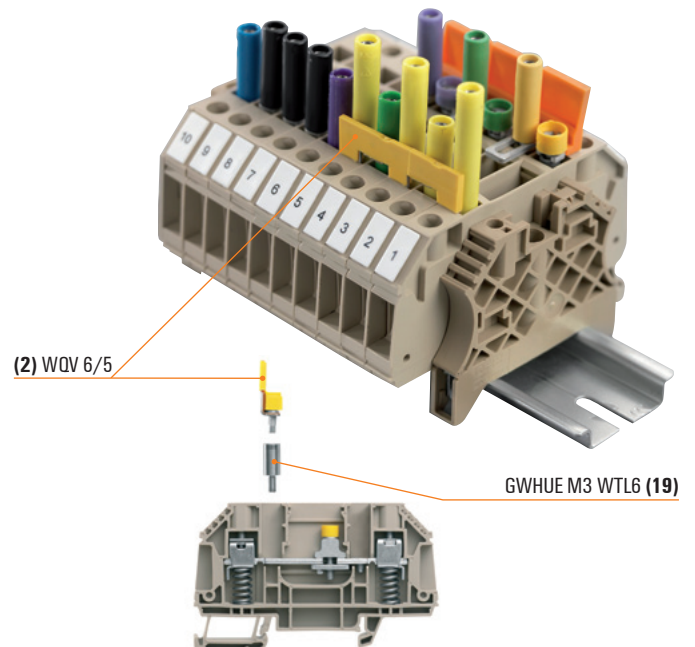
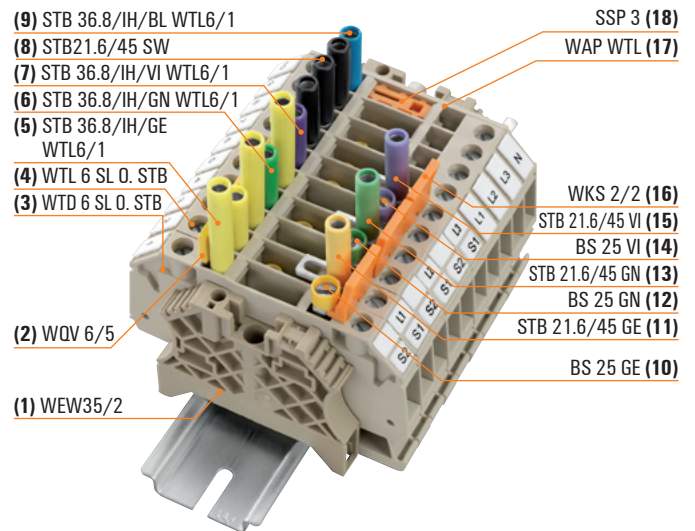
Many switching tasks can be done using the WTL 6 SL test/disconnect terminals and the WTD 6 SL feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

## Example transformer using WTL 6 SL / WTD 6 SL

### Ordering data

| Pos. | Type                  | Order No.  | Qty. |
|------|-----------------------|------------|------|
| 1    | WEW35/2               | 1061200000 | 2    |
| 2    | WQV 6/5               | 1062660000 | 1    |
| 3    | WTD 6 SL 0. STB       | 1238920000 | 3    |
| 4    | WTL 6 SL 0. STB       | 1238930000 | 7    |
| 5    | STB 36.8/IH/GE WTL6/1 | 1847760000 | 4    |
| 6    | STB 36.8/IH/GN WTL6/1 | 1847770000 | 1    |
| 7    | STB 36.8/IH/VI WTL6/1 | 1847780000 | 1    |
| 8    | STB21.6/45 SW         | 1936270000 | 3    |
| 9    | STB 36.8/IH/BL WTL6/1 | 1847790000 | 1    |
| 10   | BS 25 GE              | 0335700000 | 1    |
| 11   | STB 21.6/45 GE        | 1936240000 | 1    |
| 12   | BS 25 GN              | 0335600000 | 1    |
| 13   | STB 21.6/45 GN        | 1936250000 | 1    |
| 14   | BS 25 VI              | 0335800000 | 1    |
| 15   | STB 21.6/45 VI        | 1936260000 | 1    |
| 16   | WKS 2/2               | 1936150000 | 3    |
| 17   | WAP WTL               | 9538110000 | 1    |
| 18   | SSP 3                 | 0531760000 | 1    |
| 19   | GWHUE M3 WTL6         | 1255010000 | 3    |



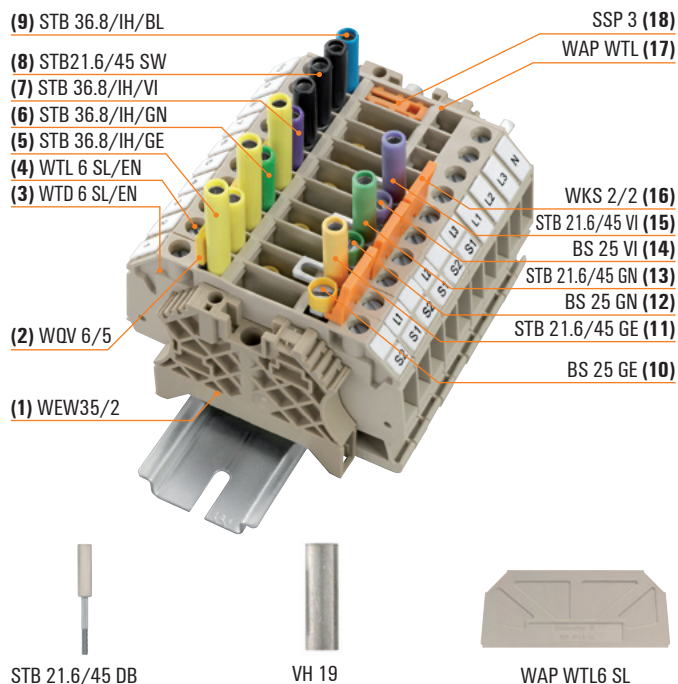
# Testing made easy

## WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

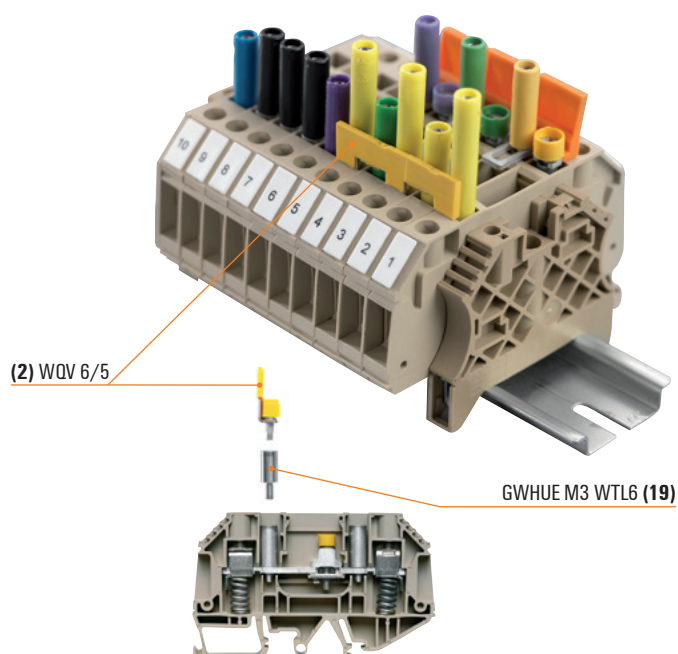
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



Example transformer using WTL 6 SL EN / WTD 6 SL EN

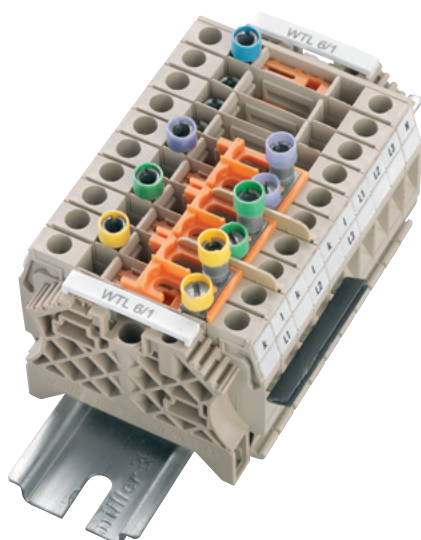
### Ordering data

| Pos. | Type           | Order No.  | Qty. |
|------|----------------|------------|------|
| 1    | WEW35/2        | 1061200000 | 2    |
| 2    | WQV 6/5        | 1062660000 | 1    |
| 3    | WTD 6 SL EN    | 9538100000 | 3    |
| 4    | WTL 6 SL EN    | 9538080000 | 7    |
| 5    | STB 36.8/IH/GE | 1847760000 | 4    |
| 6    | STB 36.8/IH/GN | 1847770000 | 1    |
| 7    | STB 36.8/IH/VI | 1847780000 | 1    |
| 8    | STB21.6/45 SW  | 1936270000 | 3    |
| 9    | STB 36.8/IH/BL | 1847790000 | 1    |
| 10   | BS 25 GE       | 0335700000 | 1    |
| 11   | STB 21.6/45 GE | 1936240000 | 1    |
| 12   | BS 25 GN       | 0335600000 | 1    |
| 13   | STB 21.6/45 GN | 1936250000 | 1    |
| 14   | BS 25 VI       | 0335800000 | 1    |
| 15   | STB 21.6/45 VI | 1936260000 | 1    |
| 16   | WKS 2/2        | 1936150000 | 3    |
| 17   | WAP WTL        | 9538110000 | 1    |
| 18   | SSP 3          | 0531760000 | 1    |
| 19   | GWHUE M3 WTL6  | 1255010000 | 3    |



## Test-disconnect terminals

### Accessories for test-disconnect terminals WTL 6/1



#### Technical data

| Rated voltage for neighbouring | rated voltage |
|--------------------------------|---------------|
| QVS                            | 63 V          |
| WQV                            | up to 400 V   |
| QL                             | 250 V         |

| for neighbouring | rated voltage |
|------------------|---------------|
| STB 25           | 63 V          |
| STB 30.5         | 63 V          |
| STB 35           | 63 V          |

**SSP WTL, SSP 3 and SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.



#### Cross-connection slider QVS ...

Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening. The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted.

#### Cross-connection slider STB

Sockets type **StB** are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

#### QVS 1

##### Cross-connection slider

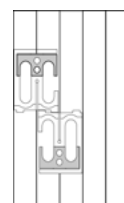


QVS QVS QVSK 2 QVS 2S

| Type   | No. of poles | Qty. | Order No.  |
|--------|--------------|------|------------|
| QVS 2  | 2            | 20   | 0307300000 |
| QVSK 2 | 2            | 20   | 1670360000 |
| QVS 3  | 3            | 20   | 0329300000 |
| QVS 4  | 4            | 20   | 0307400000 |
| QVS 2S | 2            | 20   | 0358460000 |

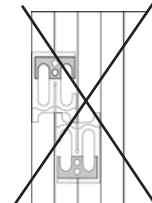
**Note:**  
Not suitable for WTL 6/1 EN.  
QVS 2 placed opposite each other cannot be switched.

QVSK 2  
(167036)



WTL6/1, WTD6/1

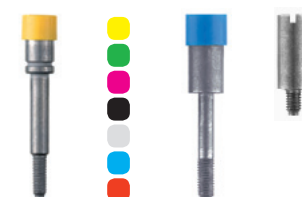
QVS 2  
(030730)



WTL6/1, WTD6/1

#### STB

##### Cross-connection slider



| Type               | Colour | Qty. | Order No.  |
|--------------------|--------|------|------------|
| STB 14             |        | 50   | 0169900000 |
| STB 30.5           |        |      |            |
| STB 30.5           | black  | 50   | 0341000000 |
| STB 30.5           | grey   | 50   | 0341100000 |
| STB 30.5           | blue   | 50   | 0341200000 |
| STB 30.5           | red    | 50   | 0341300000 |
| STB 30.5           | green  | 50   | 0341400000 |
| STB 30.5           | yellow | 50   | 0341500000 |
| STB 30.5           | violet | 50   | 0341600000 |
| STB 35             |        |      |            |
| STB 35             | yellow | 50   | 0389000000 |
| STB 35             | green  | 50   | 0388900000 |
| STB 35             | violet | 50   | 0389100000 |
| STB 35             | black  | 50   | 0388500000 |
| STB 35             | grey   | 50   | 0388600000 |
| STB 35             | blue   | 50   | 0388700000 |
| STB 35             | red    | 50   | 0388800000 |
| Connecting sleeves |        |      |            |
| VH19               |        | 50   | 0318000000 |

## Accessories for test-disconnect terminals WTL 6/1 EN

## BS fixing screws

## VH connecting sleeves

## WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

## QL cross-connection lug

Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WTL 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

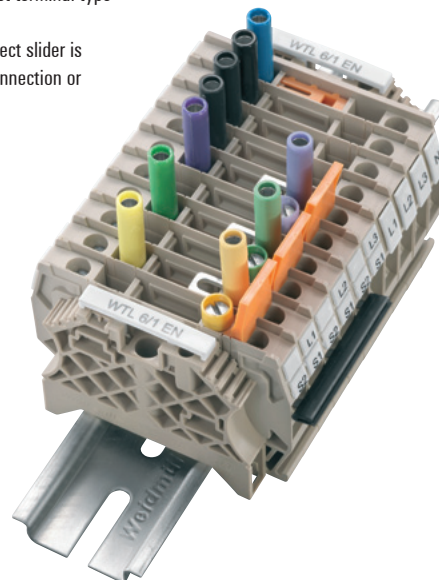
## WKB / WKS

## cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1. The integrated disconnect slider is then responsible for connection or disconnection.

## QS2 cross-connection plug

For sockets diameter 4 mm, for loads up to 44 A.

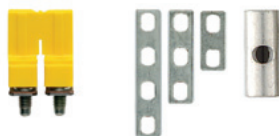


## BS / VH



| Type                                          | Colour | Qty. | Order No.  |
|-----------------------------------------------|--------|------|------------|
| <b>Fixing screws</b>                          |        |      |            |
| BS 25                                         | yellow | 50   | 0335700000 |
| BS 25                                         | green  | 50   | 0335600000 |
| BS 25                                         | violet | 50   | 0335800000 |
| BS 25                                         | grey   | 50   | 0335300000 |
| BS 25                                         | black  | 50   | 0335200000 |
| BS 25                                         | blue   | 50   | 0335400000 |
| BS 25                                         | red    | 50   | 0335500000 |
| BS 25                                         | blank  | 50   | 0334700000 |
| <b>STB 25</b>                                 |        |      |            |
| STB 21.6/45 BL                                | blue   | 50   | 1936290000 |
| STB 21.6/45 DB                                | d.blue | 50   | 1938790000 |
| STB 21.6/45 GE                                | yellow | 50   | 1936240000 |
| STB 21.6/45 GN                                | green  | 50   | 1936250000 |
| STB 21.6/45 GR                                | grey   | 50   | 1936280000 |
| STB 21.6/45 RT                                | red    | 50   | 1936300000 |
| STB 21.6/45 SW                                | black  | 50   | 1936270000 |
| STB 21.6/45 VI                                | violet | 50   | 1936260000 |
| <b>Connecting sleeves</b>                     |        |      |            |
| VH 16/5/3.5 SAK10-35<br>CuZn 39 (brass alloy) |        | 50   | 0309700000 |
| <b>STB 36.8</b>                               |        |      |            |
| STB 36.8/IH/DB WTL6/1                         |        | 50   | 1847740000 |
| STB 36.8/IH/GE WTL6/1                         |        | 50   | 1847760000 |
| STB 36.8/IH/GN WTL6/1                         |        | 50   | 1847770000 |
| STB 36.8/IH/VI WTL6/1                         |        | 50   | 1847780000 |
| STB 36.8/IH/BL WTL6/1                         |        | 50   | 1847790000 |

## WQV / QL



WQV (only for WTL 6/2,  
WTL 6/3)

| Type                      | No. of poles | Qty. | Order No.  |
|---------------------------|--------------|------|------------|
| <b>WQV</b>                |              |      |            |
| WQV 6/2                   | 2            | 50   | 1052360000 |
| WQV 6/3                   | 3            | 50   | 1054760000 |
| WQV 6/4                   | 4            | 50   | 1054860000 |
| WQV 6/5                   | 5            | 50   | 1062660000 |
| WQV 6/7                   | 7            | 50   | 1062680000 |
| WQV 6/10                  | 10           | 20   | 1052260000 |
| <b>QL</b>                 |              |      |            |
| QL 2                      | 2            | 50   | 0194300000 |
| QL 3                      | 3            | 50   | 0194400000 |
| QL 4                      | 4            | 50   | 0194500000 |
| QL 10                     | 10           | 20   | 0338300000 |
| QL 15                     | 15           | 10   | 0221200000 |
| <b>Connecting sleeves</b> |              |      |            |
| VH 12                     |              | 100  | 0249000000 |
| E-Cu 57 (copper alloy)    |              |      |            |

## WKS / WKB



WKS

WKB

| Type       | No. of poles | Qty. | Order No.  |
|------------|--------------|------|------------|
| <b>WQV</b> |              |      |            |
| WKB 1/2    | 2            | 50   | 1604280000 |
| WKB 1/3    | 3            | 50   | 1604300000 |
| WKB 1/4    | 4            | 50   | 1604320000 |
| WKB 1/10   | 10           | 20   | 1604330000 |
| <b>WKS</b> |              |      |            |
| WKS 1/2    | 2            | 50   | 1604270000 |
| WKS 1/3    | 3            | 50   | 1604290000 |
| WKS 1/4    | 4            | 50   | 1604310000 |
| WKS 2/2    | 2            | 50   | 1936150000 |
| WKS 2/3    | 3            | 50   | 1936140000 |

## QS 2



| Type                 | No. of poles | Qty. | Order No.  |
|----------------------|--------------|------|------------|
| <b>WQV</b>           |              |      |            |
| QS 2                 | 2            | 20   | 0270960000 |
| x = 8 mm, y = 16 mm  |              |      |            |
| QS 2                 | 2            | 20   | 0270860000 |
| x = 10 mm, y = 20 mm |              |      |            |
| QS 2                 | 2            | 20   | 0270760000 |
| x = 12 mm, y = 20 mm |              |      |            |



## Test-disconnect terminals

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

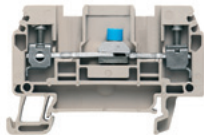
## Ordering data

| Version |                |
|---------|----------------|
|         | Without socket |
|         | with socket    |
| Note    |                |

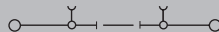
## Accessories

| Screwable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Cross-connection slider     |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | Connecting sleeve for QVS       |
|                             | Mounting screw for QVS          |
| Testing / Checking          |                                 |
|                             | Standard                        |
|                             | Test plug                       |
|                             | Socket - blue                   |
|                             | Socket - yellow                 |
|                             | Socket - green                  |
|                             | Socket - magenta                |
|                             | Socket                          |
|                             | Socket - blue                   |
|                             | Socket - yellow                 |
|                             | Socket - green                  |
| Miscellaneous accessories   |                                 |
|                             | Lockout device                  |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

## WTL 4

4 mm<sup>2</sup>

6.1 x 61.3 x 40.7  
**41 / 6**  
**0.13...6**



IEC 60947-7-1

| IEC                  | UL          | CSA     |
|----------------------|-------------|---------|
| 500                  | 300 (C)     | 300 (D) |
| 32                   | 28 (C)      | 10 (D)  |
| 4                    | AWG 26...10 | 4       |
| 6 kV / 3             |             |         |
| A3 / V-0             |             |         |
| Rated connection     |             |         |
| 0.5...6 / 1.5...4    |             |         |
| 0.5...4 / 0.5...4    |             |         |
| 0.4...0.7 Nm (M 2.5) |             |         |
| 10 / 0.6 x 3.5 mm    |             |         |

Use as a disconnect terminal with 500 V.

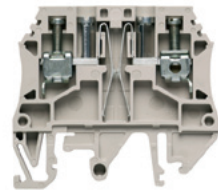
| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WTL 4     | 50   | 1754960000 |
| WTL 4/STB | 50   | 1754970000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| WQV 4/2                 | 32 A    | 50   | 1051960000 |
| WQV 4/3                 | 32 A    | 50   | 1054560000 |
| WQV 4/4                 | 32 A    | 50   | 1054660000 |
| WQV 4/10                | 41 A    | 20   | 1052060000 |
| Width                   |         |      |            |
| ZAP/TW 1                | 2 mm    | 50   | 1608740000 |
| Width                   |         |      |            |
| WEW 35/2                | 8 mm    | 100  | 1061200000 |
| current                 |         |      |            |
| QVS 2/4 SAKT4           | 32 A    | 20   | 1319260000 |
| BFSC M3X22 SAKT4        |         | 50   | 1319900000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| Width                   |         |      |            |
| DEK 5/6                 |         |      |            |

## WTL 4/2

4 mm<sup>2</sup>

## Enforced short-circuit function



6 x 56.5 x 50  
**11 / 6**  
**0.13...6**



IEC 60947-7-1

| IEC                | UL          | CSA     |
|--------------------|-------------|---------|
| 500                | 300 (D)     | 150 (C) |
| 10                 | 8 (D)       | 8 (C)   |
| 4                  | AWG 26...10 | 4       |
| 6 kV / 3           |             |         |
| A4 / V-0           |             |         |
| Rated connection   |             |         |
| 0.5...6 / 1.5...6  |             |         |
| 0.5...6 / 0.5...4  |             |         |
| 0.5...0.8 Nm (M 3) |             |         |
| 10 / 0.6 x 3.5 mm  |             |         |

2 wires can be connected; similar to the WDU 4N.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WTL 4/2 STB | 50   | 1881650000 |

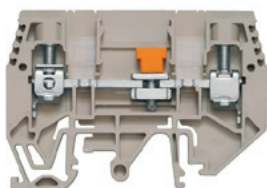
| Type       | current | Qty. | Order No.  |
|------------|---------|------|------------|
| WAP WTL4/2 | 2 mm    | 50   | 1881640000 |
| WEW 35/2   | 8 mm    | 100  | 1061200000 |
| WTA 8 TN   | 6 mm    | 25   | 1915450000 |
| WS 12/6    |         |      |            |

WTA 8-Series test adapter, WQV external cross-connection, end bracket and shield bus LS 2.8, refer to "Accessories"

## WTL 6/1 EN

6 mm<sup>2</sup>

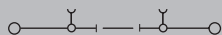
Longitudinal - disconnect



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

| IEC      | UL         | CSA     |
|----------|------------|---------|
| 630      | 300 (C)    | 300 (C) |
| 41       | 45 (C)     | 45 (C)  |
| 6        | AWG 20...8 | 6       |
| 6 kV / 3 |            |         |
| A5 / V-0 |            |         |



## Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

1...1.6 Nm (M 3.5)

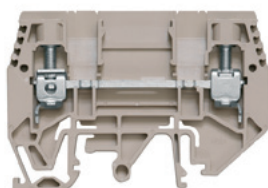
12 / 4.0 x 0.8 mm

Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

## WTD 6/1 EN

6 mm<sup>2</sup>

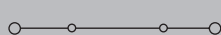
Feed-through



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

| IEC      | UL         | CSA     |
|----------|------------|---------|
| 630      | 300 (C)    | 300 (C) |
| 41       | 45 (C)     | 45 (C)  |
| 6        | AWG 20...8 | 6       |
| 6 kV / 3 |            |         |
| A5 / V-0 |            |         |



## Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

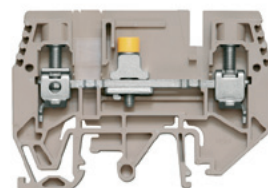
12 / 4.0 x 0.8 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

## WTQ 6/1 EN

6 mm<sup>2</sup>

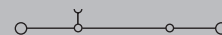
Cross-connect/disconnect (isolator)



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

| IEC      | UL         | CSA     |
|----------|------------|---------|
| 500      | 300 (C)    | 300 (C) |
| 41       | 45 (C)     | 45 (C)  |
| 6        | AWG 20...8 | 6       |
| 6 kV / 3 |            |         |
| A5 / V-0 |            |         |



## Rated connection

0.5...10 / 1.5...

0.5...10 / 0.5...6

(M 3.5)

12 / 4.0 x 0.8 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WTL 6/1 EN              | 50   | 1934810000 |
| WTL 6/1 EN STB          | 50   | 1934820000 |
| TS32 version on request |      |            |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WTD 6/1 EN              | 50   | 1934830000 |
| TS32 version on request |      |            |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WTQ 6/1 EN              | 50   | 1934790000 |
| WTQ 6/1 EN STB          | 50   | 1934800000 |
| TS32 version on request |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| WQV 6/2              | 57 A    | 50   | 1052360000 |
| WQV 6/3              | 57 A    | 50   | 1054760000 |
| WQV 6/4              | 57 A    | 50   | 1054860000 |
| WQV 6/10             | 57 A    | 20   | 1052260000 |
| Width                |         |      |            |
| WAP WTL6/1 EN        | 1.5 mm  | 20   | 1957710000 |
| WTW WTL6/1 DB        | 1.5 mm  | 20   | 1068400000 |
| WEW 35/2             |         |      |            |
| current              |         |      |            |
| WKS 2/2              | 50      |      | 1936140000 |
| WKS 2/3              | 50      |      | 1936150000 |
| WKS 2/4              | 50      |      | 1936160000 |
| VH 16/5/3.5 SAK10-35 | 50      |      | 0309700000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| WQV 6/2              | 57 A    | 50   | 1052360000 |
| WQV 6/3              | 57 A    | 50   | 1054760000 |
| WQV 6/4              | 57 A    | 50   | 1054860000 |
| WQV 6/10             | 57 A    | 20   | 1052260000 |
| Width                |         |      |            |
| WAP WTL6/1 EN        | 1.5 mm  | 20   | 1957710000 |
| WTW WTL6/1 DB        | 1.5 mm  | 20   | 1068400000 |
| WEW 35/2             |         |      |            |
| current              |         |      |            |
| WKS 2/2              | 50      |      | 1936140000 |
| WKS 2/3              | 50      |      | 1936150000 |
| WKS 2/4              | 50      |      | 1936160000 |
| VH 16/5/3.5 SAK10-35 | 50      |      | 0309700000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| WQV 6/2              | 57 A    | 50   | 1052360000 |
| WQV 6/3              | 57 A    | 50   | 1054760000 |
| WQV 6/4              | 57 A    | 50   | 1054860000 |
| WQV 6/10             | 57 A    | 20   | 1052260000 |
| Width                |         |      |            |
| WAP WTL6/1 EN        | 1.5 mm  | 20   | 1957710000 |
| WTW WTL6/1 DB        | 1.5 mm  | 20   | 1068400000 |
| WEW 35/2             |         |      |            |
| current              |         |      |            |
| WKS 2/2              | 50      |      | 1936140000 |
| WKS 2/3              | 50      |      | 1936150000 |
| WKS 2/4              | 50      |      | 1936160000 |
| VH 16/5/3.5 SAK10-35 | 50      |      | 0309700000 |

|                       |        |    |            |
|-----------------------|--------|----|------------|
| Width                 |        |    |            |
| STB 21.6/45 BL        | 6.1 mm | 50 | 1936290000 |
| STB 21.6/45 GE        | 6.1 mm | 50 | 1936240000 |
| STB 21.6/45 GN        | 6.1 mm | 50 | 1936250000 |
| STB 14/D6/4/M3 SAK10  |        |    |            |
| STB 36.8/IH/BL WTL6/1 | 6 mm   | 50 | 1847790000 |
| STB 36.8/IH/GE WTL6/1 | 6 mm   | 50 | 1847760000 |
| STB 36.8/IH/GN WTL6/1 | 6 mm   | 50 | 1847770000 |

|                       |        |    |            |
|-----------------------|--------|----|------------|
| Width                 |        |    |            |
| STB 21.6/45 BL        | 6.1 mm | 50 | 1936290000 |
| STB 21.6/45 GE        | 6.1 mm | 50 | 1936240000 |
| STB 21.6/45 GN        | 6.1 mm | 50 | 1936250000 |
| STB 14/D6/4/M3 SAK10  |        |    |            |
| STB 36.8/IH/BL WTL6/1 | 6 mm   | 50 | 1847790000 |
| STB 36.8/IH/GE WTL6/1 | 6 mm   | 50 | 1847760000 |
| STB 36.8/IH/GN WTL6/1 | 6 mm   | 50 | 1847770000 |

|                       |        |    |            |
|-----------------------|--------|----|------------|
| Width                 |        |    |            |
| STB 21.6/45 BL        | 6.1 mm | 50 | 1936290000 |
| STB 21.6/45 GE        | 6.1 mm | 50 | 1936240000 |
| STB 21.6/45 GN        | 6.1 mm | 50 | 1936250000 |
| STB 14/D6/4/M3 SAK10  |        |    |            |
| STB 36.8/IH/BL WTL6/1 | 6 mm   | 50 | 1847790000 |
| STB 36.8/IH/GE WTL6/1 | 6 mm   | 50 | 1847760000 |
| STB 36.8/IH/GN WTL6/1 | 6 mm   | 50 | 1847770000 |

DEK 5/8 / WS 12/8

DEK 5/8 / WS 12/8

DEK 5/8 / WS 12/8

## Test-disconnect terminals

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |

#### Note

### Ordering data

| Version | Without socket<br>with socket |
|---------|-------------------------------|
| Note    |                               |

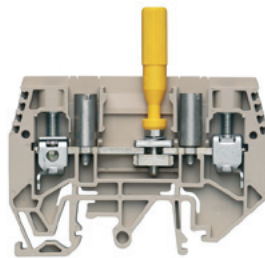
### Accessories

| Screwable cross-connection                                                          |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|  | 2-pole                          |
|                                                                                     | 3-pole                          |
|                                                                                     | 4-pole                          |
|                                                                                     | 10-pole                         |
| End plate / Partition plate                                                         |                                 |
|                                                                                     | Dark beige Wemid                |
|                                                                                     | Dark beige Wemid                |
| End bracket                                                                         |                                 |
|                                                                                     | Dark beige Wemid                |
| Cross-connection slider                                                             |                                 |
|                                                                                     | 2-pole                          |
|                                                                                     | 3-pole                          |
|                                                                                     | 4-pole                          |
|                                                                                     | Connecting sleeve for QVS       |
|                                                                                     | Mounting screw for QVS          |
| Testing / Checking                                                                  |                                 |
|                                                                                     | Standard                        |
|                                                                                     | Test plug                       |
|                                                                                     | Socket - blue                   |
|                                                                                     | Socket - yellow                 |
|                                                                                     | Socket - green                  |
|                                                                                     | Socket - magenta                |
|                                                                                     | Socket - blue                   |
|                                                                                     | Socket - yellow                 |
|                                                                                     | Socket - green                  |
| Miscellaneous accessories                                                           |                                 |
|                                                                                     | Lockout device                  |
| Identification systems                                                              |                                 |
|                                                                                     | (see assortment in catalogue 7) |
|                                                                                     | Marking tags                    |
| Note                                                                                |                                 |

## WTL 6/1/STB/TNSC/EN

6 mm<sup>2</sup>

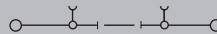
### Longitudinal separator



7.9 x 65 x 66.5

57 / 10

0.5...10



IEC 60947-7-1

| IEC      | UL         | CSA     |
|----------|------------|---------|
| 630      | 300 (C)    | 300 (C) |
| 41       | 45 (C)     | 45 (C)  |
| 6        | AWG 20...8 | 6       |
| 6 kV / 3 |            |         |
| A5 / V-0 |            |         |



#### Rated connection

|                    |
|--------------------|
| 0.5...10 / 1.5...  |
| 0.5...10 / 0.5...6 |
| 1...1.6 Nm (M 3.5) |
| 12 / 4.0 x 0.8 mm  |

Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| WTL 6/1/TNSC/EN         | 50   | 1345280000 |
| WTL 6/1/STB/TNSC/EN     | 50   | 1938820000 |
| TS32 version on request |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| WQV 6/2              | 57 A    | 50   | 1052360000 |
| WQV 6/3              | 57 A    | 50   | 1054760000 |
| WQV 6/4              | 57 A    | 50   | 1054860000 |
| WQV 6/10             | 57 A    | 20   | 1052260000 |
| Width                |         |      |            |
| WAP WTL6/1 EN        | 1.5 mm  | 20   | 1957710000 |
| WTW WTL6/1 DB        | 1.5 mm  | 20   | 1068400000 |
| WEW 35/2             |         |      |            |
|                      | 8 mm    | 100  | 1061200000 |
| current              |         |      |            |
| WKS 2/2              |         | 50   | 1936140000 |
| WKS 2/3              |         | 50   | 1936150000 |
| WKS 2/4              |         | 50   | 1936160000 |
| VH 16/5/3.5 SAK10-35 |         | 50   | 0309700000 |
| Width                |         |      |            |
| STB 21.6/45 BL       | 6.1 mm  | 50   | 1936290000 |
| STB 21.6/45 GE       | 6.1 mm  | 50   | 1936240000 |
| STB 21.6/45 GN       | 6.1 mm  | 50   | 1936250000 |
| STB 14/D6/4/M3 SAK10 |         | 500  | 2012420000 |
| DEK 5/8 / WS 12/8    |         |      |            |

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |
| Note                                                 |                 |

### Ordering data

| Version |                |
|---------|----------------|
|         | Without socket |
|         | with socket    |
| Note    |                |

### Accessories

| Screwable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Cross-connection slider     |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | Connecting sleeve for QVS       |
|                             | Mounting screw for QVS          |
| Testing / Checking          |                                 |
|                             | Standard                        |
|                             | Test plug                       |
|                             | Socket - blue                   |
|                             | Socket - yellow                 |
|                             | Socket - green                  |
|                             | Socket - magenta                |
|                             | Socket                          |
|                             | Socket - blue                   |
|                             | Socket - yellow                 |
|                             | Socket - green                  |
| Miscellaneous accessories   |                                 |
|                             | Lockout device                  |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

### WTL 6/2

6 mm<sup>2</sup>

#### Longitudinal - disconnect



8 x 87 x 62

57 / 10

0.5...10



IEC 60947-7-1

| IEC                                                                              | UL         | CSA     |
|----------------------------------------------------------------------------------|------------|---------|
| 500                                                                              | 300 (C)    | 300 (C) |
| 41                                                                               | 45 (C)     | 45 (C)  |
| 6                                                                                | AWG 20...8 | 6       |
| 6 kV / 3                                                                         |            |         |
| A5 / V-0                                                                         |            |         |
| Rated connection                                                                 |            |         |
| 0.5...10 / 1.5...10                                                              |            |         |
| 0.5...10 / 0.5...6                                                               |            |         |
| 1...1.6 Nm (M 3.5)                                                               |            |         |
| 12 / 4.0 x 0.8 mm                                                                |            |         |
| Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm. |            |         |

### WTL 6/3

6 mm<sup>2</sup>

#### Longitudinal - disconnect



7.9 x 87 x 65

57 / 10

0.5...10



IEC 60947-7-1

| IEC                 | UL         | CSA     |
|---------------------|------------|---------|
| 500                 | 300 (C)    | 300 (C) |
| 41                  | 45 (C)     | 45 (C)  |
| 6                   | AWG 20...8 | 6       |
| 6 kV / 3            |            |         |
| A5 / V-0            |            |         |
| Rated connection    |            |         |
| 0.5...10 / 1.5...10 |            |         |
| 0.5...10 / 0.5...6  |            |         |
| (M 3.5)             |            |         |
| 12 / 4.0 x 0.8 mm   |            |         |

| Type                     | Qty. | Order No.  |
|--------------------------|------|------------|
| WTL 6/2                  | 50   | 1017700000 |
| TS32 versions on request |      |            |

| Type                     | Qty. | Order No.  |
|--------------------------|------|------------|
| WTL 6/3                  | 50   | 1018800000 |
| WTL 6/3/STB              | 50   | 1018600000 |
| TS32 versions on request |      |            |

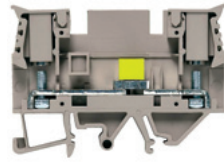
| Type                                                                                               | current | Qty.       | Order No.  |
|----------------------------------------------------------------------------------------------------|---------|------------|------------|
| WQV 6/2                                                                                            | 57 A    | 50         | 1052360000 |
| WQV 6/3                                                                                            | 57 A    | 50         | 1054760000 |
| WQV 6/4                                                                                            | 57 A    | 50         | 1054860000 |
| WQV 6/10                                                                                           | 57 A    | 20         | 1052260000 |
| Width                                                                                              |         |            |            |
| WEW 35/2                                                                                           | 8 mm    | 100        | 1061200000 |
| current                                                                                            |         |            |            |
| WKS 1/2                                                                                            | 50      | 1604270000 |            |
| WKS 1/3                                                                                            | 50      | 1604290000 |            |
| WKS 1/4                                                                                            | 50      | 1604310000 |            |
| Width                                                                                              |         |            |            |
| PS 4 F.STB 4                                                                                       | 7.6 mm  | 20         | 0299600000 |
| Width                                                                                              |         |            |            |
| SSP WTL6/2                                                                                         | 100     | 1604200000 |            |
| Width                                                                                              |         |            |            |
| DEK 5/8 / WS 12/8                                                                                  |         |            |            |
| For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter. |         |            |            |

| Type                                                                                               | current | Qty.       | Order No.  |
|----------------------------------------------------------------------------------------------------|---------|------------|------------|
| WQV 6/2                                                                                            | 57 A    | 50         | 1052360000 |
| WQV 6/3                                                                                            | 57 A    | 50         | 1054760000 |
| WQV 6/4                                                                                            | 57 A    | 50         | 1054860000 |
| WQV 6/10                                                                                           | 57 A    | 20         | 1052260000 |
| Width                                                                                              |         |            |            |
| WEW 35/2                                                                                           | 8 mm    | 100        | 1061200000 |
| current                                                                                            |         |            |            |
| WKS 1/2                                                                                            | 50      | 1604270000 |            |
| WKS 1/3                                                                                            | 50      | 1604290000 |            |
| WKS 1/4                                                                                            | 50      | 1604310000 |            |
| Width                                                                                              |         |            |            |
| PS 4 F.STB 4                                                                                       | 7.6 mm  | 20         | 0299600000 |
| STB 21.6/IH/BL WTL6/3                                                                              | 6.2 mm  | 50         | 1071080000 |
| STB 21.6/IH/GE WTL6/3                                                                              | 6.2 mm  | 50         | 1071010000 |
| STB 21.6/IH/GN WTL6/3                                                                              | 6.2 mm  | 50         | 1071020000 |
| STB 21.6/IH/VI WTL6/3                                                                              | 6.2 mm  | 50         | 1071030000 |
| Width                                                                                              |         |            |            |
| SSP WTL6/2                                                                                         | 100     | 1604200000 |            |
| Width                                                                                              |         |            |            |
| DEK 5/8 / WS 12/8                                                                                  |         |            |            |
| For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter. |         |            |            |

## Test-disconnect terminals

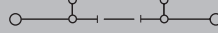
## WTL 6/4 FF

Longitudinal - disconnect



|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height                     | mm                |
| Max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

11 x 76.5 x 52  
**41 / 6**  
**0.13 ... 6**



## Technical data

| Rated data                                        |                 |
|---------------------------------------------------|-----------------|
| Rated voltage                                     | V               |
| Rated current                                     | A               |
| Rated cross-section                               | mm <sup>2</sup> |
| Tightening torque range clamping screw / isolator | Nm              |
| Approvals                                         |                 |
| Note                                              |                 |

IEC 60947-7-1 / VDE 0100-537

| IEC                                         | UL            | CSA           | EN 60079-7 |
|---------------------------------------------|---------------|---------------|------------|
| 800                                         | 600           | 600           |            |
| 500 V when used as test-disconnect terminal |               |               |            |
| 41                                          | 30            | 30            |            |
| 6                                           | AWG 26 ... 10 | AWG 26 ... 10 |            |
| 1.2 ... 1.9 / 0.5 ... 0.8                   |               |               |            |
|                                             |               |               |            |

## Ordering data

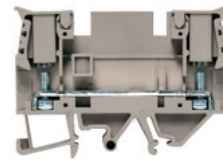
| Version |
|---------|
| Note    |

## Accessories

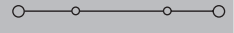
| Cross-connection                                                                                    |        |
|-----------------------------------------------------------------------------------------------------|--------|
| ZQV: pluggable cross-connection                                                                     | 2-pole |
|                                                                                                     |        |
| End plate / partition                                                                               |        |
| Dark beige Wemid                                                                                    |        |
| End bracket                                                                                         |        |
|                                                                                                     |        |
| Screw                                                                                               |        |
|                                                                                                     |        |
| Joint ferrule                                                                                       |        |
|                                                                                                     |        |
| Cross-connection tabs                                                                               |        |
|                                                                                                     |        |
| Cross-connection                                                                                    |        |
|                                                                                                     |        |
| Insulating sleeve                                                                                   |        |
|                                                                                                     |        |
| Cross-connection plug                                                                               |        |
|                                                                                                     |        |
| Cable lug                                                                                           |        |
|                                                                                                     |        |
| Tools                                                                                               |        |
| Screwdriver                                                                                         |        |
|                                                                                                     |        |
| Crimping tools                                                                                      |        |
|                                                                                                     |        |
| Marking systems                                                                                     |        |
| Marking tags                                                                                        |        |
| For detailed information on other accessories and applications, refer to the "Accessories" section. |        |

## WTD 6/4 FF

Feed-through



11 x 76.5 x 52  
**41 / 6**  
**0.13 ... 6**



IEC 60947-7-1 / VDE 0100-537

| IEC                                         | UL            | CSA           | EN 60079-7 |
|---------------------------------------------|---------------|---------------|------------|
| 800                                         | 600           | 600           |            |
| 500 V when used as test-disconnect terminal |               |               |            |
| 41                                          | 30            | 30            |            |
| 6                                           | AWG 26 ... 10 | AWG 26 ... 10 |            |
| 1.2 ... 1.9                                 |               |               |            |
|                                             |               |               |            |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WTD 6/4 FF           | 50   | 1887220000 |
| Insulated cable lugs |      |            |

| Type                                                                                   | Qty. | Order No.  |
|----------------------------------------------------------------------------------------|------|------------|
| ZQV 10/2                                                                               | 25   | 1739680000 |
|                                                                                        |      |            |
|                                                                                        |      |            |
| WAP WTL6/4FF                                                                           | 20   | 1887240000 |
|                                                                                        |      |            |
| EWK 1/TS 32                                                                            | 100  | 0206160000 |
| WEW 35/2 / TS 35                                                                       | 100  | 1061200000 |
| EW 35 /SCHA/M3                                                                         | 100  | 0258660000 |
|                                                                                        |      |            |
| BS M3x20                                                                               |      | 0303000000 |
|                                                                                        |      |            |
| VH 13.5                                                                                |      | 0248500000 |
|                                                                                        |      |            |
| QL 2 WTL 6/4 FF                                                                        |      | 1897010000 |
| QL 3 WTL 6/4 FF                                                                        |      | 1897020000 |
| QL 4 WTL 6/4 FF                                                                        |      | 1897030000 |
| QL 10 WTL 6/4 FF                                                                       |      | 1897090000 |
| QL 50 WTL 6/4 FF                                                                       |      | 1897100000 |
|                                                                                        |      |            |
| Q 2 WTL 6/4 FF                                                                         |      | 1897110000 |
| Q 3 WTL 6/4 FF                                                                         |      | 1897120000 |
| Q 4 WTL 6/4 FF                                                                         |      | 1897130000 |
| Q 10 WTL 6/4 FF                                                                        |      | 1897190000 |
|                                                                                        |      |            |
| DS 13.5 WTL 6/4                                                                        |      | 1897000000 |
|                                                                                        |      |            |
| QS 2 (2-pole)                                                                          |      | 0270760000 |
|                                                                                        |      |            |
| LIR 1.5 M4 V                                                                           |      | 9200090000 |
| LIR 2.5 M4 V                                                                           |      | 9200170000 |
| LIR 6 M4 V                                                                             |      | 9200230000 |
|                                                                                        |      |            |
| SDI 0.8 x 4.0                                                                          |      | 9008400000 |
| SD 0.8 x 4.0                                                                           |      | 9008340000 |
| SDIZ 0.8 x 5.5                                                                         |      | 9008640000 |
| CTI 6                                                                                  |      | 9006120000 |
|                                                                                        |      |            |
| WS 10/5 / DEK 5                                                                        |      |            |
| For additional test-disconnect terminal accessories, refer to the Accessories Chapter. |      |            |

Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |

### Note

### Ordering data

| Version | Dark beige Wemid, 24 V |
|---------|------------------------|
| Note    |                        |

### Accessories

| End bracket | Dark beige Wemid |
|-------------|------------------|
| Screwdriver | Standard         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### WTR 35 E

35 mm<sup>2</sup>

32 x 100 x 68  
125 / 35  
4...35

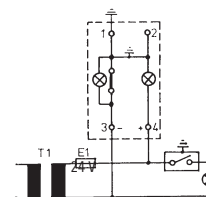
| IEC               | UL | CSA |
|-------------------|----|-----|
| 24                |    |     |
| 125               |    |     |
| 35                |    |     |
| 0.8 kV / 3        |    |     |
| B9 / V-0          |    |     |
| Rated connection  |    |     |
| 4...16 / 10...35  |    |     |
| 4...35 / 4...35   |    |     |
| 4 Nm (M 6)        |    |     |
| 18 / 1.2 x 6.5 mm |    |     |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WTR 35 E | 5    | 1045970000 |

| Type            | Width | Qty. | Order No.  |
|-----------------|-------|------|------------|
| WEW 35/1        | 12 mm | 50   | 1059000000 |
| SDS 1.2X6.5X150 |       | 1    | 9009010000 |

### Operation mode

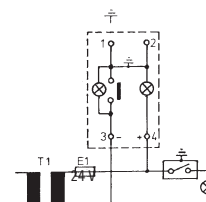
#### Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

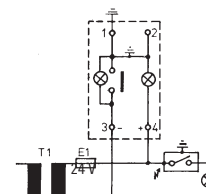
#### Test position

When measuring insulation resistance with voltages greater than  $U_{Nom}$ , the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than  $U_{Nom}$ , the earth connection must be disconnected.

#### Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

## Installation terminals

## Distribution terminal with WQV

N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnecter in the centre of the terminal can be used.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section AWG 26...12                      | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |

## Note

## Ordering data

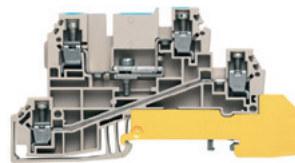
| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

## Accessories

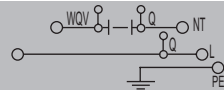
| Screwable cross-connection                        |                                  |
|---------------------------------------------------|----------------------------------|
|                                                   | 2-pole                           |
|                                                   | 3-pole                           |
|                                                   | 4-pole                           |
|                                                   | 10-pole                          |
|                                                   | 20-/24-pole                      |
| End plate / Partition plate                       |                                  |
|                                                   | Dark beige Wemid                 |
| Support bracket for 10 x 3 (required every 20 cm) |                                  |
|                                                   | Dark beige Wemid                 |
| End bracket                                       |                                  |
|                                                   | Dark beige Wemid                 |
| Screwdriver                                       |                                  |
|                                                   | With "swifty set" cutting device |
|                                                   | Standard                         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDL 2.5/NT/L/PE

2.5 mm<sup>2</sup>

6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC                  | UL          | CSA         |
|----------------------|-------------|-------------|
| 400                  | 300 (C)     | 300 (D)     |
| 24                   | 15 (C)      | 10 (D)      |
| 2.5                  | AWG 22...12 | AWG 26...12 |
| 4 kV / 3             |             |             |
| A3, A4 / V-0         |             |             |
| Rated connection     |             |             |
| 0.5...4 / 1.5...4    |             |             |
| 0.5...4 / 0.5...2.5  |             |             |
| 0.4...0.6 Nm (M 2.5) |             |             |
| 8 / 0.6 x 3.5 mm     |             |             |

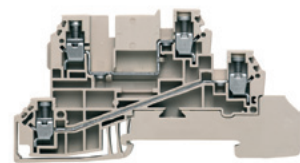
Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

| Type                                  | Qty. | Order No.  |
|---------------------------------------|------|------------|
| WDL 2.5/NT/L/PE                       | 50   | 1029800000 |
| PE connection is marked green-yellow. |      |            |

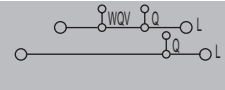
| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| Q 2 WDL2.5S      | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S      | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S      | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S     | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S     | 24 A    | 20   | 1074200000 |
| Width            |         |      |            |
| WAP WDL2.5       | 1.5 mm  | 20   | 1067800000 |
| WHP WDL2.5/S BL  | 2 mm    | 20   | 1067980000 |
| Width            |         |      |            |
| WEW 35/2         | 8 mm    | 100  | 1061200000 |
| SWIFTY SET       | 18 mm   | 1    | 9006060000 |
| SDIS 0.6X3.5X100 |         | 1    | 9008390000 |

DEK 5/5 / WS 8/5

## WDL 2.5/L/L

2.5 mm<sup>2</sup>

6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

| IEC                  | UL          | CSA         |
|----------------------|-------------|-------------|
| 400                  | 300 (C)     | 300 (D)     |
| 24                   | 15 (C)      | 10 (D)      |
| 2.5                  | AWG 22...12 | AWG 26...12 |
| 6 kV / 3             |             |             |
| A3, A4 / V-0         |             |             |
| Rated connection     |             |             |
| 0.5...4 / 1.5...4    |             |             |
| 0.5...4 / 0.5...2.5  |             |             |
| 0.4...0.6 Nm (M 2.5) |             |             |
| 8 / 0.6 x 3.5 mm     |             |             |

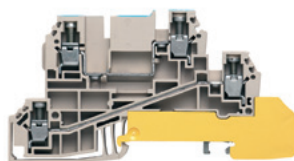
Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

| Type                                                                | Qty. | Order No.  |
|---------------------------------------------------------------------|------|------------|
| WDL 2.5/L/L                                                         | 50   | 1030300000 |
| WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue). |      |            |

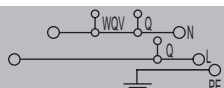
| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| Q 2 WDL2.5S      | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S      | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S      | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S     | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S     | 24 A    | 20   | 1074200000 |
| Width            |         |      |            |
| WAP WDL2.5       | 1.5 mm  | 20   | 1067800000 |
| WHP WDL2.5/S BL  | 2 mm    | 20   | 1067980000 |
| Width            |         |      |            |
| WEW 35/2         | 8 mm    | 100  | 1061200000 |
| SWIFTY SET       | 18 mm   | 1    | 9006060000 |
| SDIS 0.6X3.5X100 |         | 1    | 9008390000 |

DEK 5/5 / WS 8/5

## WDL 2.5/N/L/PE

2.5 mm<sup>2</sup>

6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC          | UL          | CSA         |
|--------------|-------------|-------------|
| 400          | 300 (C)     | 300 (D)     |
| 24           | 15 (C)      | 10 (D)      |
| 2.5          | AWG 22...12 | AWG 26...12 |
| 4 kV / 3     |             |             |
| A3, A4 / V-0 |             |             |

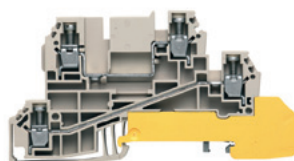


## Rated connection

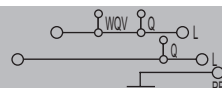
0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

## WDL 2.5/L/L/PE

2.5 mm<sup>2</sup>

6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC          | UL          | CSA         |
|--------------|-------------|-------------|
| 400          | 300 (C)     | 300 (D)     |
| 24           | 15 (C)      | 10 (D)      |
| 2.5          | AWG 22...12 | AWG 26...12 |
| 4 kV / 3     |             |             |
| A3, A4 / V-0 |             |             |

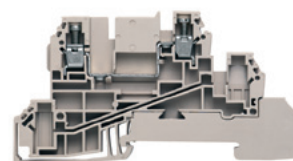


## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

## WDL 2.5/L

2.5 mm<sup>2</sup>

6.1 x 90 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

| IEC          | UL          | CSA         |
|--------------|-------------|-------------|
| 400          | 300 (C)     | 300 (D)     |
| 24           | 15 (C)      | 10 (D)      |
| 2.5          | AWG 22...12 | AWG 26...12 |
| 6 kV / 3     |             |             |
| A3, A4 / V-0 |             |             |



## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)  
2-conductor, 1.5 mm<sup>2</sup>, solid, with 0.6 Nm.

| Type                                  | Qty. | Order No.  |
|---------------------------------------|------|------------|
| WDL 2.5/N/L/PE                        | 50   | 1029900000 |
| PE connection is marked green-yellow. |      |            |

| Type                                  | Qty. | Order No.  |
|---------------------------------------|------|------------|
| WDL 2.5/L/L/PE                        | 50   | 1030200000 |
| PE connection is marked green-yellow. |      |            |

| Type                                                       | Qty. | Order No.  |
|------------------------------------------------------------|------|------------|
| WDL 2.5/L                                                  | 50   | 1030400000 |
| WDL 2.5/S/N Order no. 1030900000 (connection marked blue). |      |            |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| Q 2 WDL2.5S      | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S      | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S      | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S     | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S     | 24 A    | 20   | 1074200000 |
| Width            |         |      |            |
| WAP WDL2.5       | 1.5 mm  | 20   | 1067800000 |
| WHP WDL2.5/S BL  |         |      |            |
|                  | 2 mm    | 20   | 1067980000 |
| WEW 35/2         |         |      |            |
|                  | 8 mm    | 100  | 1061200000 |
| SWIFTY SET       |         |      |            |
|                  | 18 mm   | 1    | 9006060000 |
| SDIS 0.6X3.5X100 |         | 1    | 9008390000 |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| Q 2 WDL2.5S      | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S      | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S      | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S     | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S     | 24 A    | 20   | 1074200000 |
| Width            |         |      |            |
| WAP WDL2.5       | 1.5 mm  | 20   | 1067800000 |
| WHP WDL2.5/S BL  |         |      |            |
|                  | 2 mm    | 20   | 1067980000 |
| WEW 35/2         |         |      |            |
|                  | 8 mm    | 100  | 1061200000 |
| SWIFTY SET       |         |      |            |
|                  | 18 mm   | 1    | 9006060000 |
| SDIS 0.6X3.5X100 |         | 1    | 9008390000 |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| Q 2 WDL2.5S      | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S      | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S      | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S     | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S     | 24 A    | 20   | 1074200000 |
| Width            |         |      |            |
| WAP WDL2.5       | 1.5 mm  | 20   | 1067800000 |
| WHP WDL2.5/S BL  |         |      |            |
|                  | 2 mm    | 20   | 1067980000 |
| WEW 35/2         |         |      |            |
|                  | 8 mm    | 100  | 1061200000 |
| SWIFTY SET       |         |      |            |
|                  | 18 mm   | 1    | 9006060000 |
| SDIS 0.6X3.5X100 |         | 1    | 9008390000 |

DEK 5/5 / WS 8/5

DEK 5/5 / WS 8/5

DEK 5/5 / WS 8/5



## Installation terminals

Distribution terminals with  
10 x 3 busbar

Space-saving wiring of three-phase circuits using only two terminals.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

## Ordering data

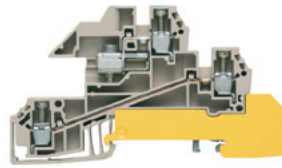
| Version | Dark beige Wemid |
|---------|------------------|
| Note    |                  |

## Accessories

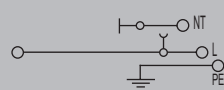
| Screwable cross-connection                                                          |                                              |
|-------------------------------------------------------------------------------------|----------------------------------------------|
|  | 2-pole                                       |
|  | 3-pole                                       |
|  | 4-pole                                       |
|  | 10-pole                                      |
|  | 20-/24-pole                                  |
| End bracket                                                                         |                                              |
|  | Dark beige Wemid                             |
| End plate / Partition plate                                                         |                                              |
|  | Dark beige Wemid                             |
| Support bracket for 10 x 3 (required every 20 cm)                                   |                                              |
|  | Dark beige Wemid                             |
| Busbar 10 x 3 (140 A)                                                               |                                              |
|  | OK, Busbar up to OK, TS35 = 25,5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars                                    |                                              |
|  | Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> |
|                                                                                     | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                                                     | Flexible 16 - 35 mm <sup>2</sup>             |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDL 2.5/S/NT/L/PE

2.5 mm<sup>2</sup>

6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

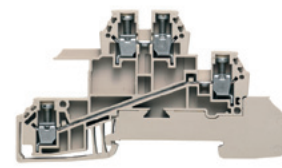
| IEC                                         | UL          | CSA         |
|---------------------------------------------|-------------|-------------|
| 400                                         | 300 (C)     | 300 (D)     |
| 24                                          | 15 (C)      | 10 (D)      |
| 2.5                                         | AWG 22...12 | AWG 26...12 |
| 4 kV / 3                                    |             |             |
| A3 / V-0                                    |             |             |
| Rated connection                            |             |             |
| 0.5...4 / 1.5...4                           |             |             |
| 0.5...4 / 0.5...2.5                         |             |             |
| 0.4...0.6 Nm (M 2.5)                        |             |             |
| 8 / 0.6 x 3.5 mm                            |             |             |
| Rated voltage of L-PE and L-NT: 250 V       |             |             |
| Tightening torque of isolator: 0.4...0.6 Nm |             |             |

| Type                                                                                | Qty. | Order No.  |
|-------------------------------------------------------------------------------------|------|------------|
| WDL 2.5/S/NT/L/PE                                                                   | 50   | 1030600000 |
| PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L |      |            |

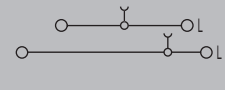
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 WDL2.5S          | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S          | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S          | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S         | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S         | 24 A    | 20   | 1074200000 |
| Width                |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WAP WDL2.5/S         | 1.5 mm  | 20   | 1067700000 |
| WHP WDL2.5/S BL      | 2 mm    | 20   | 1067980000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZB 4                 |         |      |            |
| ZB 4                 | 5.6 mm  | 50   | 0316500000 |
| ZB 16 ZKSC           |         |      |            |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          |         |      |            |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

DEK 5/5 / WS 8/5

## WDL 2.5/S/L/L

2.5 mm<sup>2</sup>

6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

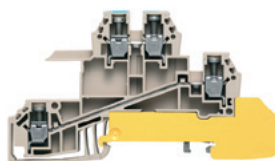
| IEC                  | UL          | CSA         |
|----------------------|-------------|-------------|
| 400                  | 300 (C)     | 300 (D)     |
| 24                   | 15 (C)      | 10 (D)      |
| 2.5                  | AWG 22...12 | AWG 26...12 |
| 6 kV / 3             |             |             |
| A3 / V-0             |             |             |
| Rated connection     |             |             |
| 0.5...4 / 1.5...4    |             |             |
| 0.5...4 / 0.5...2.5  |             |             |
| 0.4...0.6 Nm (M 2.5) |             |             |
| 8 / 0.6 x 3.5 mm     |             |             |

| Type                                                               | Qty. | Order No.  |
|--------------------------------------------------------------------|------|------------|
| WDL 2.5/S/L/L                                                      | 50   | 1031200000 |
| WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue). |      |            |

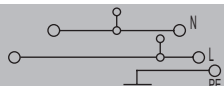
| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 WDL2.5S          | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S          | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S          | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S         | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S         | 24 A    | 20   | 1074200000 |
| Width                |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WAP WDL2.5/S         | 1.5 mm  | 20   | 1067700000 |
| WHP WDL2.5/S BL      | 2 mm    | 20   | 1067980000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
| SSCH 10X3X1000 CU/SN | 10 mm   | 1    | 0348900000 |
| ZB 4                 |         |      |            |
| ZB 4                 | 5.6 mm  | 50   | 0316500000 |
| ZB 16 ZKSC           |         |      |            |
| ZB 16 ZKSC           | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          |         |      |            |
| ZB 35/M6X16          | 14 mm   | 20   | 0266500000 |

DEK 5/5 / WS 8/5

## WDL 2.5/S/N/L/PE

2.5 mm<sup>2</sup>

6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (D)     |
| 24       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |

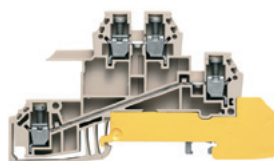


## Rated connection

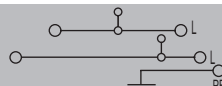
0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

L-PE / L/N 250V

## WDL 2.5/S/L/L/PE

2.5 mm<sup>2</sup>

6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (D)     |
| 24       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |

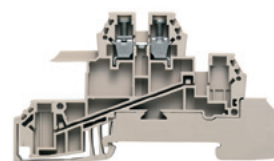


## Rated connection

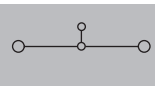
0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

L-PE 250V

## WDL 2.5/S/L

2.5 mm<sup>2</sup>

6.1 x 84.5 x 49  
32 / 4  
0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (D)     |
| 24       | 15 (C)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
8 / 0.6 x 3.5 mm

| Type                                  | Qty. | Order No.  |
|---------------------------------------|------|------------|
| WDL 2.5/S/N/L/PE                      | 50   | 1030700000 |
| PE connection is marked green-yellow. |      |            |

| Type                                  | Qty. | Order No.  |
|---------------------------------------|------|------------|
| WDL 2.5/S/L/L/PE                      | 50   | 1031100000 |
| PE connection is marked green-yellow. |      |            |

| Type                                                      | Qty. | Order No.  |
|-----------------------------------------------------------|------|------------|
| WDL 2.5/S/L                                               | 50   | 1031300000 |
| WDL 2.5/S/N Order no. 1030900000 (connection marked blue) |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 WDL2.5S          | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S          | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S          | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S         | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S         | 24 A    | 20   | 1074200000 |
| Width                |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WAP WDL2.5/S         |         |      |            |
|                      | 1.5 mm  | 20   | 1067700000 |
| WHP WDL2.5/S BL      |         |      |            |
|                      | 2 mm    | 20   | 1067980000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZB 4                 |         |      |            |
|                      | 5.6 mm  | 50   | 0316500000 |
| ZB 16 ZKSC           |         |      |            |
|                      | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          |         |      |            |
|                      | 14 mm   | 20   | 0266500000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 WDL2.5S          | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S          | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S          | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S         | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S         | 24 A    | 20   | 1074200000 |
| Width                |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WAP WDL2.5/S         |         |      |            |
|                      | 1.5 mm  | 20   | 1067700000 |
| WHP WDL2.5/S BL      |         |      |            |
|                      | 2 mm    | 20   | 1067980000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZB 4                 |         |      |            |
|                      | 5.6 mm  | 50   | 0316500000 |
| ZB 16 ZKSC           |         |      |            |
|                      | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          |         |      |            |
|                      | 14 mm   | 20   | 0266500000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 WDL2.5S          | 24 A    | 50   | 1071500000 |
| Q 3 WDL2.5S          | 24 A    | 50   | 1071600000 |
| Q 4 WDL2.5S          | 24 A    | 50   | 1071700000 |
| Q 10 WDL2.5S         | 24 A    | 20   | 1071800000 |
| Q 20 WDL2.5S         | 24 A    | 20   | 1074200000 |
| Width                |         |      |            |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WAP WDL2.5/S         |         |      |            |
|                      | 1.5 mm  | 20   | 1067700000 |
| WHP WDL2.5/S BL      |         |      |            |
|                      | 2 mm    | 20   | 1067980000 |
| SSCH 10X3X1000 CU/SN |         |      |            |
|                      | 10 mm   | 1    | 0348900000 |
| ZB 4                 |         |      |            |
|                      | 5.6 mm  | 50   | 0316500000 |
| ZB 16 ZKSC           |         |      |            |
|                      | 10 mm   | 50   | 0316600000 |
| ZB 35/M6X16          |         |      |            |
|                      | 14 mm   | 20   | 0266500000 |

DEK 5/5 / WS 8/5

DEK 5/5 / WS 8/5

DEK 5/5 / WS 8/5

## Installation terminals

## Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

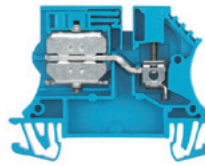
## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

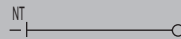
## Accessories

| End plate / Partition plate                       |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | Dark beige Wemid                             |
|                                                   | Blue Wemid                                   |
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|                                                   | Blue Wemid                                   |
| End bracket                                       |                                              |
|                                                   | Dark beige Wemid                             |
| Screwdriver                                       |                                              |
|                                                   | With "swifty set" cutting device             |
|                                                   | Standard                                     |
| Busbar 10 x 3 (140 A)                             |                                              |
|                                                   | OK, Busbar up to OK, TS35 = 25,5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> |
|                                                   | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |

## WNT 2.5

2.5 mm<sup>2</sup>

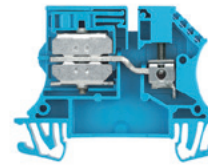
5.1 x 60 x 47  
32 / 4  
0.13...4



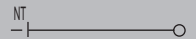
IEC 60947-7-1

| IEC                                        | UL          | CSA         |
|--------------------------------------------|-------------|-------------|
| 400                                        | 600 (C)     | 600 (C)     |
| 24                                         | 25 (C)      | 20 (C)      |
| 2.5                                        | AWG 22...12 | AWG 26...12 |
| 6 kV / 3                                   |             |             |
| A3 / V-0                                   |             |             |
|                                            |             |             |
| Rated connection                           |             |             |
| 0.5...4 / 1.5...4                          |             |             |
| 0.5...4 / 0.5...2.5                        |             |             |
| 0.4...0.6 Nm (M 2.5)                       |             |             |
| 10 / 0.6 x 3.5 mm                          |             |             |
| Tightening torque, N-isolator 0.4...0.6 Nm |             |             |

## WNT 4

4 mm<sup>2</sup>

6.1 x 60 x 47  
41 / 6  
0.13...6



IEC 60947-7-1

| IEC                                        | UL          | CSA         |
|--------------------------------------------|-------------|-------------|
| 400                                        | 600 (C)     | 600 (C)     |
| 32                                         | 35 (C)      | 25 (C)      |
| 4                                          | AWG 22...10 | AWG 26...10 |
| 6 kV / 3                                   |             |             |
| A4 / V-0                                   |             |             |
|                                            |             |             |
| Rated connection                           |             |             |
| 0.5...6 / 1.5...6                          |             |             |
| 0.5...6 / 0.5...4                          |             |             |
| 0.5...1 Nm (M 3)                           |             |             |
| 10 / 0.6 x 3.5 mm                          |             |             |
| Tightening torque, N-isolator 0.4...0.8 Nm |             |             |

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WNT 2.5 10X3 BE                                                                                                                                              | 100  | 1010600000 |
| WNT 2.5 10X3                                                                                                                                                 | 100  | 1010680000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WNT 4 10X3 | 100  | 1010780000 |

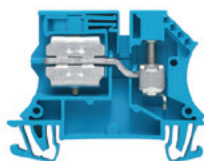
| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

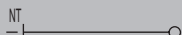
|                   |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

|                   |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

## WNT 6

6 mm<sup>2</sup>

7.9 x 60 x 47  
57 / 10  
0.5...10



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 600 (C)    | 600 (C)    |
| 41  | 45 (C)     | 35 (C)     |
| 6   | AWG 20...8 | AWG 26...8 |

6 kV / 3

A5 / V-0

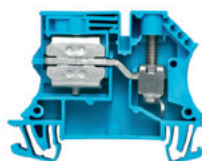


## Rated connection

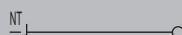
0.5...10 / 1.5...10  
0.5...10 / 0.5...6  
0.8...1.2 Nm (M 3.5)  
12 / 4.0 x 0.8 mm

Tightening torque, N-isolator 0.8...1.6 Nm

## WNT 10

10 mm<sup>2</sup>

9.9 x 60 x 47  
76 / 16  
1.31...16



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 600 (C)    | 600 (C)    |
| 57  | 60 (C)     | 50 (C)     |
| 10  | AWG 16...8 | AWG 16...6 |

6 kV / 3

B6 / V-0



## Rated connection

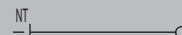
1.5...16 / 1.5...16  
1.5...16 / 1.5...16  
12...20 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

## WNT 16N

16 mm<sup>2</sup>

12 x 60 x 47  
101 / 25  
1.5...25



IEC 60947-7-1

| IEC | UL         | CSA        |
|-----|------------|------------|
| 400 | 300 (C)    | 300 (C)    |
| 76  | 65 (C)     | 65 (C)     |
| 16  | AWG 14...6 | AWG 14...6 |

6 kV / 3

B7 / V-0



## Rated connection

1.5...16 / 1.5...25  
1.5...16 / 1.5...16  
1.2...2.2 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WNT 6 10X3 | 50   | 1010880000 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WNT 10 10X3 BE | 50   | 1010900000 |
| WNT 10 10X3    | 50   | 1010980000 |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WNT 16N 10X3 | 50   | 1019000000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

DEK 5/5 / WS 12/5

DEK 5/5 / WS 12/5

DEK 5/5 / WS 12/5

## Installation terminals

## Neutral conductor disconnect terminals

These special modular terminals are specified for insulation measurements, without disconnecting the conductor according to VDE standards, for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |
| Note                                                 |                 |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

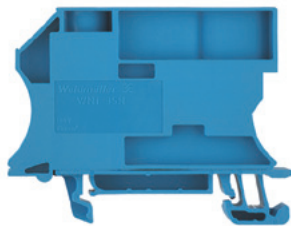
## Accessories

| End plate / Partition plate                       |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | Dark beige Wemid                             |
|                                                   | Blue Wemid                                   |
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|                                                   | Blue Wemid                                   |
| End bracket                                       |                                              |
|                                                   | Dark beige Wemid                             |
| Screwdriver                                       |                                              |
|                                                   | With "swifty set" cutting device             |
|                                                   | Standard                                     |
| Busbar 10 x 3 (140 A)                             |                                              |
|                                                   | OK, Busbar up to OK, TS35 = 25,5 mm          |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> |
|                                                   | Rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |

## WNT 35N

35 mm<sup>2</sup>

## Compact design



|              |    |
|--------------|----|
| 16 x 66 x 51 |    |
| 150 / 50     | NT |
| 2.5...50     |    |

IEC 60947-7-1

| IEC                                                                                                                              | UL       | CSA |
|----------------------------------------------------------------------------------------------------------------------------------|----------|-----|
| 400                                                                                                                              |          |     |
| 125                                                                                                                              |          |     |
| 35                                                                                                                               |          |     |
|                                                                                                                                  | 6 kV / 3 |     |
|                                                                                                                                  | B8 / V-0 |     |
| Rated connection                                                                                                                 |          |     |
| 2.5...16 / 2.5...50                                                                                                              |          |     |
| 2.5...35 / 2.5...35                                                                                                              |          |     |
| 4...5 Nm (M 6)                                                                                                                   |          |     |
| 18 / 6.5 x 1.2 mm                                                                                                                |          |     |
| The tightening torque for 16 - 50 mm <sup>2</sup> stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm. |          |     |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WNT 35N 10X3 | 20   | 1718550000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

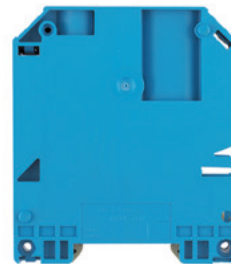
DEK 5/5 / WS 12/5

Refer to the "W-Series Accessories" section for PEN bridges.

## WNT 70N

70 mm<sup>2</sup>

## Compact design



|                |    |
|----------------|----|
| 20.5 x 75 x 86 |    |
| 207 / 95       | NT |
| 10...95        |    |

IEC 60947-7-1

| IEC                                         | UL         | CSA |
|---------------------------------------------|------------|-----|
| 400                                         | 600 (C)    |     |
| 192                                         | 175 (C)    |     |
| 70                                          | AWG 6...00 |     |
|                                             | 6 kV / 3   |     |
|                                             | B11 / V-0  |     |
| Rated connection                            |            |     |
| 10...16 / 10...95                           |            |     |
| 10...70 / 10...70                           |            |     |
| 60...12 Nm (M 8)                            |            |     |
| 22 / S6 (DIN 6911)                          |            |     |
| Tightening torque, N-isolator 2.5...5.0 Nm. |            |     |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WNT 70N/35 | 10   | 9512210000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 2.5-10 BL        | 1.5 mm | 50   | 1050080000 |
| WHP 2.5-35N/10x3 BL  | 2 mm   | 20   | 1050280000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |
| SWIFTY SET           | 18 mm  | 1    | 9006060000 |
| SDS 0.6X3.5X100      |        | 1    | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

DEK 5/5 / WS 12/5



## Terminals with spring-loaded cable clamps

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

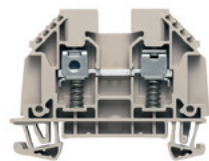
## Ordering data

| Version |                                               |
|---------|-----------------------------------------------|
|         | Dark beige Wemid                              |
|         | Dark beige Wemid (combi clip-on feet TS32/25) |
|         | Black Wemid (combi clip-on feet TS32/25)      |
|         | Without STB                                   |
| Note    |                                               |

## Accessories

| Pluggable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
|                             | 20-/24-pole                     |
| Screwable cross-connection  |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Black Wemid                     |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Testing / Checking          |                                 |
|                             | Standard                        |
| Hak. Cable lugs             |                                 |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

## WDU 4 SL

4 mm<sup>2</sup>

6.1 x 60 x 47  
41 / 6  
0.22...6



IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500      | 600 (C)     | 300 (C)     | 275        |
| 32       | 30 (C)      | 25 (C)      | 28         |
| 4        | AWG 22...10 | AWG 22...10 | 4          |
| 6 kV / 3 |             |             |            |
| A4 / V-0 |             |             |            |

SIRA 02ATEX3242 U

| Rated connection  |  |
|-------------------|--|
| 0.5...6 / 1.5...6 |  |
| 0.5...4 / 0.5...4 |  |
| 0.5...1 Nm (M 3)  |  |
| 15 / 0.6 x 3.5 mm |  |

0.5...1.5  
0.5...1.5 / 0.5...1.5

Note the max. current of the terminal (41 A) when using the cross-connector!

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDU 4 SL | 50   | 9537440000 |
|          |      |            |
|          |      |            |
|          |      |            |

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| Type         | current | Qty. | Order No.  |
|--------------|---------|------|------------|
| ZQV 4N/2 GE  | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE  | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE  | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE | 32 A    | 20   | 1909020000 |

|          |      |    |            |
|----------|------|----|------------|
| WQV 4/2  | 32 A | 50 | 1051960000 |
| WQV 4/3  | 32 A | 50 | 1054560000 |
| WQV 4/4  | 32 A | 50 | 1054660000 |
| WQV 4/10 | 41 A | 20 | 1052060000 |

|                      | Width  |    |            |
|----------------------|--------|----|------------|
| WAP 2.5-10           | 1.5 mm | 50 | 1050000000 |
| WAP 2.5-10 SW        | 1.5 mm | 50 | 1050010000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |

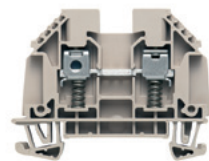
|          |      |     |            |
|----------|------|-----|------------|
| WEW 35/2 | 8 mm | 100 | 1061200000 |
|----------|------|-----|------------|

|            |      |    |            |
|------------|------|----|------------|
| WTA 3 WDU4 | 6 mm | 25 | 1632350000 |
|------------|------|----|------------|

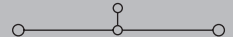
|                  |     |            |
|------------------|-----|------------|
| HBT 1,5 - 3,0 RT | 100 | 1312440000 |
| HBT 2,5 - 3,0 BL | 100 | 1312450000 |

WS 12/6

## WDU 6 SL

6 mm<sup>2</sup>

7.9 x 60 x 47  
57 / 10  
0.5...10



IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 500      | 150 (C)    | 300 (C)    | 275        |
| 41       | 50 (C)     | 45 (C)     | 36         |
| 6        | AWG 20...8 | AWG 20...8 | 6          |
| 6 kV / 3 |            |            |            |
| A5 / V-0 |            |            |            |

SIRA 02ATEX3242 U

| Rated connection    |  |
|---------------------|--|
| 0.5...10 / 1.5...10 |  |
| 0.5...6             |  |
| 1 Nm (M 3.5)        |  |
| 16 / 4.0 x 0.8 mm   |  |

0.5

ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

| Type     | Qty. | Order No.  |
|----------|------|------------|
| WDU 6 SL | 50   | 9537460000 |
|          |      |            |
|          |      |            |
|          |      |            |

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| Type | current | Qty. | Order No. |
|------|---------|------|-----------|
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |

|          |      |    |            |
|----------|------|----|------------|
| WQV 6/2  | 57 A | 50 | 1052360000 |
| WQV 6/3  | 57 A | 50 | 1054760000 |
| WQV 6/4  | 57 A | 50 | 1054860000 |
| WQV 6/10 | 57 A | 20 | 1052260000 |

| Width                |        |    |            |
|----------------------|--------|----|------------|
| WAP 2.5-10           | 1.5 mm | 50 | 1050000000 |
| WAP 2.5-10 SW        | 1.5 mm | 50 | 1050010000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |

|          |      |     |            |
|----------|------|-----|------------|
| WEW 35/2 | 8 mm | 100 | 1061200000 |
|----------|------|-----|------------|

|         |      |    |            |
|---------|------|----|------------|
| WTA 5/1 | 5 mm | 25 | 1051260000 |
|---------|------|----|------------|

|                  |     |            |
|------------------|-----|------------|
| HBT 1,5 - 4,6 RT | 100 | 1233340000 |
| HBT 2,5 - 4,6 BL | 100 | 1233330000 |
| HBT 6,0 - 4,6 GE | 100 | 1216230000 |

DEK 5/8 / WS 12/6,5





## Terminals with spring-loaded cable clamps

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

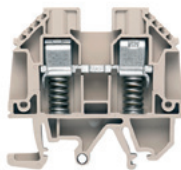
## Ordering data

| Version |                                               |
|---------|-----------------------------------------------|
|         | Dark beige Wemid                              |
|         | Dark beige Wemid (combi clip-on feet TS32/25) |
|         | Black Wemid (combi clip-on feet TS32/25)      |
|         | Without STB                                   |
| Note    |                                               |

## Accessories

| Pluggable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
|                             | 20-/24-pole                     |
| Screwable cross-connection  |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Black Wemid                     |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Testing / Checking          |                                 |
|                             | Standard                        |
| Hak. Cable lugs             |                                 |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

## WDU 4 SL/EN

4 mm<sup>2</sup>

|                 |
|-----------------|
| 6.1 x 60 x 53.5 |
| 41 / 6          |
| 0.22...6        |

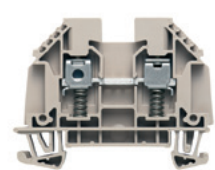
| IEC 60947-7-1                                                                                       |             | Ex e II     |  II 2 G D |
|-----------------------------------------------------------------------------------------------------|-------------|-------------|--------------------------------------------------------------------------------------------|
| IEC                                                                                                 | UL          | CSA         | EN 60079-7                                                                                 |
| 500                                                                                                 | 600 (C)     | 300 (C)     | 275                                                                                        |
| 32                                                                                                  | 30 (C)      | 25 (C)      | 28                                                                                         |
| 4                                                                                                   | AWG 22...10 | AWG 22...10 | 4                                                                                          |
| 6 kV / 3                                                                                            |             |             |                                                                                            |
| A4 / V-0                                                                                            |             |             |                                                                                            |
|  SIRA 02ATEX3242 U |             |             |                                                                                            |
| Rated connection                                                                                    |             |             |                                                                                            |
| 0.5...6 / 1.5...6                                                                                   |             |             |                                                                                            |
| 0.5...4 / 0.5...4                                                                                   |             |             |                                                                                            |
| 0.5...1 Nm (M 3)                                                                                    |             |             |                                                                                            |
| 15 / 0.6 x 3.5 mm                                                                                   |             |             |                                                                                            |
| 0.5...1.5                                                                                           |             |             |                                                                                            |
| 0.5...1.5 / 0.5...1.5                                                                               |             |             |                                                                                            |
| Note the max. current of the terminal (41 A) when using the cross-connector!                        |             |             |                                                                                            |

| Type                                                                                                          | Qty. | Order No.  |
|---------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 4 SL/EN                                                                                                   | 50   | 9537450000 |
| WDU 4 SL/EN SW                                                                                                | 50   | 9537510000 |
| With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 4N/2 GE          | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE          | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE          | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE         | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE         | 32 A    | 20   | 1909020000 |
| Width                |         |      |            |
| WQV 4/2              | 32 A    | 50   | 1051960000 |
| WQV 4/3              | 32 A    | 50   | 1054560000 |
| WQV 4/4              | 32 A    | 50   | 1054660000 |
| WQV 4/10             | 41 A    | 20   | 1052060000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 SW        | 1.5 mm  | 50   | 1050010000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WTA 3 WDU4           | 6 mm    | 25   | 1632350000 |
| HBT 1,5 - 3,0 RT     |         | 100  | 1312440000 |
| HBT 2,5 - 3,0 BL     |         | 100  | 1312450000 |

|         |
|---------|
| WS 12/6 |
|---------|

## WDU 6 SL/EN

6 mm<sup>2</sup>

|                 |
|-----------------|
| 7.9 x 60 x 53.5 |
| 57 / 10         |
| 0.5...10        |

| IEC 60947-7-1                                                                                               |            | Ex e II    |  II 2 G D |
|-------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------|
| IEC                                                                                                         | UL         | CSA        | EN 60079-7                                                                                   |
| 500                                                                                                         | 150 (C)    | 300 (C)    | 275                                                                                          |
| 41                                                                                                          | 50 (C)     | 45 (C)     | 36                                                                                           |
| 6                                                                                                           | AWG 20...8 | AWG 20...8 | 6                                                                                            |
| 6 kV / 3                                                                                                    |            |            |                                                                                              |
| A5 / V-0                                                                                                    |            |            |                                                                                              |
|                                                                                                             |            |            | SIRA 02ATEX3242 U                                                                            |
|                          |            |            |                                                                                              |
| Rated connection                                                                                            |            |            |                                                                                              |
| 0.5...10 / 1.5...10                                                                                         |            |            |                                                                                              |
| 0.5...6                                                                                                     |            |            |                                                                                              |
| 1 Nm(M 3.5)                                                                                                 |            |            |                                                                                              |
| 16 / 4.0 x 0.8 mm                                                                                           |            |            |                                                                                              |
| 0.5                                                                                                         |            |            |                                                                                              |
| ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector! |            |            |                                                                                              |

| Type                                                                                                          | Qty. | Order No.  |
|---------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 6 SL/EN                                                                                                   | 50   | 9537470000 |
| WDU 6 SL/EN SW                                                                                                | 50   | 9537430000 |
| With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| WQV 6/2              | 57 A    | 50   | 1052360000 |
| WQV 6/3              | 57 A    | 50   | 1054760000 |
| WQV 6/4              | 57 A    | 50   | 1054860000 |
| WQV 6/10             | 57 A    | 20   | 1052260000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 SW        | 1.5 mm  | 50   | 1050010000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| WTA 5/1              | 5 mm    | 25   | 1051260000 |
| HBT 1,5 - 4,6 RT     |         | 100  | 1233340000 |
| HBT 2,5 - 4,6 BL     |         | 100  | 1233330000 |
| HBT 6,0 - 4,6 GE     |         | 100  | 1216230000 |

|                     |
|---------------------|
| DEK 5/8 / WS 12/6,5 |
|---------------------|



## Terminals with spring-loaded cable clamps

A spring below the clamping yoke ensures there is additional contact stability.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                                               |
|---------|-----------------------------------------------|
|         | Dark beige Wemid                              |
|         | Dark beige Wemid (combi clip-on feet TS32/25) |
|         | Black Wemid (combi clip-on feet TS32/25)      |
|         | Without STB                                   |
| Note    |                                               |

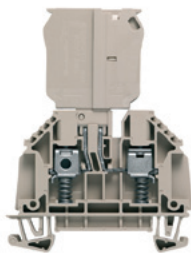
## Accessories

| Pluggable cross-connection  |                                 |
|-----------------------------|---------------------------------|
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
|                             | 20/24-pole                      |
| Screwable cross-connection  |                                 |
|                             | 2-pole                          |
|                             | 3-pole                          |
|                             | 4-pole                          |
|                             | 10-pole                         |
| End plate / Partition plate |                                 |
|                             | Dark beige Wemid                |
|                             | Black Wemid                     |
|                             | Dark beige Wemid                |
| End bracket                 |                                 |
|                             | Dark beige Wemid                |
| Testing / Checking          |                                 |
|                             | Standard                        |
| Hak. Cable lugs             |                                 |
| Identification systems      |                                 |
|                             | (see assortment in catalogue 7) |
|                             | Marking tags                    |
| Note                        |                                 |

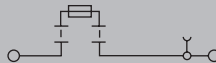
## WTR 4 SI SL

4 mm<sup>2</sup>

With fuse holder



6.1 x 61.5 x 97.5  
**6.3 / 6**  
**0.22...6**



IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 400                   | 300 (C)     | 300 (D)     |
| 6.3                   | 6.3 (C)     | 6.3 (D)     |
| 4                     | AWG 22...10 | AWG 22...10 |
| 6 kV / 3              |             |             |
| A4 / V-0              |             |             |
| Rated connection      |             |             |
| 0.5...6 / 1.5...6     |             |             |
| 0.5...4 / 0.5...4     |             |             |
| 0.5...0.6 Nm (M 3)    |             |             |
| 13 / 0.6 x 3.5 mm     |             |             |
| 0.5...1.5             |             |             |
| 0.5...1.5 / 0.5...1.5 |             |             |

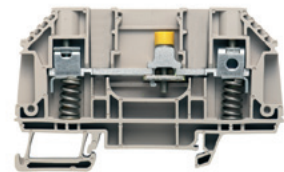
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WTR 4 SI SL | 25   | 7910330000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| ZQV 4N/2 GE          | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE          | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE          | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE         | 32 A    | 20   | 1758260000 |
| ZQV 4N/20 GE         | 32 A    | 20   | 1909020000 |
| Width                |         |      |            |
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 SW        | 1.5 mm  | 50   | 1050010000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| HBT 1,5 - 3,0 RT     |         | 100  | 1312440000 |
| HBT 2,5 - 3,0 BL     |         | 100  | 1312450000 |

| Identification systems |              |
|------------------------|--------------|
|                        | Marking tags |
| Note                   |              |

DEK 5/6 / WS 12/6

## WTL 6 SL

6 mm<sup>2</sup>

7.9 x 82.7 x 50.5  
**57 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC                          | UL       | CSA |
|------------------------------|----------|-----|
| 500                          |          |     |
| 6                            |          |     |
|                              | / 3      |     |
|                              | A5 / V-0 |     |
| Rated connection             |          |     |
| 0.5...10 / 1.5...10          |          |     |
| 0.5...6                      |          |     |
| 1 Nm(M 3.5)                  |          |     |
| 16 / 4.0 x 0.8 mm            |          |     |
| Rated data ES: 500 V / 24 A. |          |     |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WTL 6 SL       | 50   | 1161690000 |
| WTL 6 SL O.STB | 600  | 1238930000 |

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

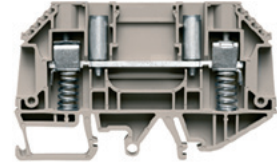
| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| WQV 6/2          | 57 A    | 50   | 1052360000 |
| WQV 6/3          | 57 A    | 50   | 1054760000 |
| WQV 6/4          | 57 A    | 50   | 1054860000 |
| WQV 6/10         | 57 A    | 20   | 1052260000 |
| Width            |         |      |            |
| WAP WTL6 SL 4-6  | 1.5 mm  | 20   | 1238880000 |
| WAP WTL6 SL      | 1.5 mm  | 20   | 9538110000 |
| WTW EN           | 3 mm    | 20   | 1058800000 |
| WEW 35/2         | 8 mm    | 100  | 1061200000 |
| HBT 1,5 - 4,6 RT |         | 100  | 1233340000 |
| HBT 2,5 - 4,6 BL |         | 100  | 1233330000 |
| HBT 6,0 - 4,6 GE |         | 100  | 1216230000 |

| Identification systems |              |
|------------------------|--------------|
|                        | Marking tags |
| Note                   |              |

WS 12/6,5

6 mm<sup>2</sup>

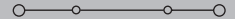
### Feed-through



7.9 x 82.7 x 51.5

57 / 10

0.5...10



IEC 60947-7-1

| IEC | UL       | CSA |
|-----|----------|-----|
| 500 |          |     |
| 41  |          |     |
| 6   |          |     |
|     | 6 kV / 3 |     |
|     | A5 / V-0 |     |

**Rated connection**

|                     |
|---------------------|
| 0.5...10 / 1.5...10 |
| 0.5...6             |
| 1 Nm(M 3.5)         |
| 16 / 4.0 x 0.8 mm   |
| 0.5                 |

Rated data ESI: 500 V / 24 A.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WTD 6 SL/EN | 50   | 9538100000 |
|             |      |            |
|             |      |            |

| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
|                  |         |      |            |
|                  |         |      |            |
|                  |         |      |            |
|                  |         |      |            |
|                  |         |      |            |
|                  |         |      |            |
| WQV 6/2          | 57 A    | 50   | 1052360000 |
| WQV 6/3          | 57 A    | 50   | 1054760000 |
| WQV 6/4          | 57 A    | 50   | 1054860000 |
| WQV 6/10         | 57 A    | 20   | 1052260000 |
|                  | Width   |      |            |
| WAP WTL6 SL 4-6  | 1.5 mm  | 20   | 1238880000 |
| WAP WTL6 SL      | 1.5 mm  | 20   | 9538110000 |
| WTW EN           | 3 mm    | 20   | 1058800000 |
|                  |         |      |            |
| WEW 35/2         | 8 mm    | 100  | 1061200000 |
|                  |         |      |            |
|                  |         |      |            |
|                  |         |      |            |
| HBT 1,5 - 4,6 RT |         | 100  | 1233340000 |
| HBT 2,5 - 4,6 BL |         | 100  | 1233330000 |
| HBT 6,0 - 4,6 GE |         | 100  | 1216230000 |

WS 12/6,5

## Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                              |
|---------|------------------------------|
|         | Dark beige Wemid             |
|         | Dark beige Wemid (red LED)   |
|         | Dark beige Wemid (green LED) |
| Note    |                              |

## Accessories

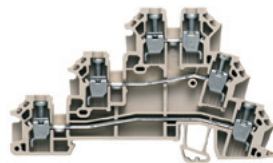
| Screwable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |
| Small partition             |                  |
|                             | Small partition  |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

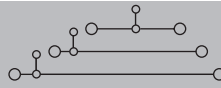
## DLD 2.5

2.5 mm<sup>2</sup>

## Voltage supply



6.1 x 82.5 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (C)     |
| 24       | 10 (D)      | 10 (C)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |
|          |             |             |

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

| Type                                            | Qty. | Order No.  |
|-------------------------------------------------|------|------------|
| DLD 2.5 DB                                      | 50   | 1784180000 |
|                                                 |      |            |
| Variant in blue, Order no. 6269250000 (qty. 50) |      |            |

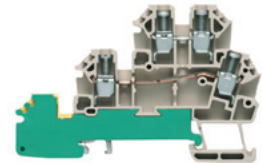
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

DEK 5/6  
TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)

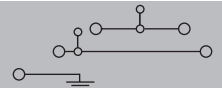
## DLD 2.5 PE

2.5 mm<sup>2</sup>

## Lower level earthed



6.1 x 74.5 x 49  
17.5 / 4  
0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (D)     |
| 17.5     | 10 (D)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |
|          |             |             |

## Rated connection

0.5...4 / 0.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| DLD 2.5/PE DB | 50   | 1783790000 |
|               |      |            |

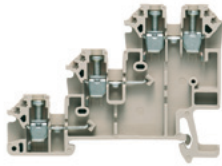
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

DEK 5/6  
TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

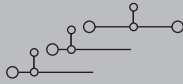
## DLI 2.5

2.5 mm<sup>2</sup>

Initiator connection (signal, +, -)



6.1 x 66 x 49  
26 / 4  
0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (C)     |
| 24       | 10 (D)      | 10 (C)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |
|          |             |             |

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| DLI 2.5 DB | 100  | 1783820000 |
|            |      |            |
|            |      |            |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

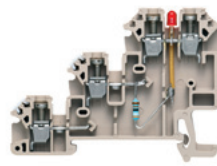
DEK 5/6

StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

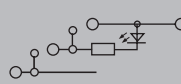
## DLI 2.5 LD PNP

2.5 mm<sup>2</sup>

Initiator connection with LED



6.1 x 66 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

| IEC        | UL          | CSA         |
|------------|-------------|-------------|
| 30         | 30 (C)      | 30 (C)      |
| 24         | 10 (C)      | 10 (C)      |
| 2.5        | AWG 22...12 | AWG 26...12 |
| 0.8 kV / 3 |             |             |
| A3 / V-0   |             |             |
|            |             |             |

30 / 5

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| DLI 2.5/LD-RT/PNP +- DB | 100  | 1783980000 |
| DLI 2.5/LD-GN/PNP +- DB | 100  | 1783970000 |
|                         |      |            |
|                         |      |            |

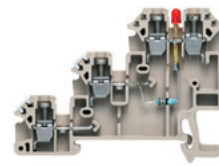
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

DEK 5/6

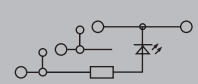
## DLI 2.5 LD NPN

2.5 mm<sup>2</sup>

Initiator connection with LED



6.1 x 66 x 49  
24 / 4  
0.13...4



IEC 60947-7-1

| IEC        | UL          | CSA         |
|------------|-------------|-------------|
| 30         | 30 (C)      | 30 (C)      |
| 24         | 10 (C)      | 10 (C)      |
| 2.5        | AWG 22...12 | AWG 26...12 |
| 0.8 kV / 3 |             |             |
| A3 / V-0   |             |             |
|            |             |             |

30 / 5

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| DLI 2.5/LD-RT/NPN +- DB | 100  | 1783950000 |
| DLI 2.5/LD-GN/NPN +- DB | 100  | 1783940000 |
|                         |      |            |
|                         |      |            |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

DEK 5/6

## Initiator and actuator terminals

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                              |
|---------|------------------------------|
|         | Dark beige Wemid             |
|         | Dark beige Wemid (red LED)   |
|         | Dark beige Wemid (green LED) |
| Note    |                              |

## Accessories

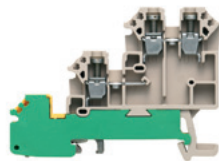
| Screwable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |
| Small partition             |                  |
|                             | Small partition  |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

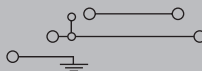
## DLA 2.5

2.5 mm<sup>2</sup>

Actuator connection (signal, -PE)



6.1 x 65 x 49  
26 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (D)     |
| 17.5     | 10 (D)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

|                      |
|----------------------|
| 0.5...4 / 1.5...4    |
| 0.5...4 / 0.5...2.5  |
| 0.4...0.6 Nm (M 2.5) |
| 7 / 0.6 x 3.5 mm     |

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| DLA 2.5 DB | 100  | 1783560000 |
|            |      |            |
|            |      |            |

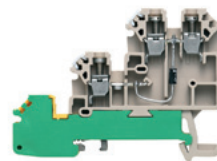
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

|         |
|---------|
| DEK 5/6 |
|         |

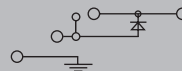
## DLA 2.5/D

2.5 mm<sup>2</sup>

Actuator connection (circuit with diode)



6.1 x 66 x 49  
17.5 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (D)     |
| 17.5     | 10 (D)      | 10 (D)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



## Rated connection

|                      |
|----------------------|
| 0.5...4 / 1.5...4    |
| 0.5...4 / 0.5...2.5  |
| 0.4...0.6 Nm (M 2.5) |
| 7 / 0.6 x 3.5 mm     |

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| DLA 2.5/D DB | 100  | 1783590000 |
|              |      |            |
|              |      |            |

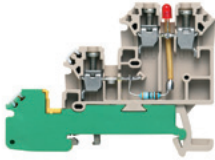
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

|         |
|---------|
| DEK 5/6 |
|         |

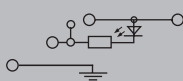
## DLA 2.5/LD

2.5 mm<sup>2</sup>

Actuator connection with LED



6.1 x 66 x 49  
17.5 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC        | UL          | CSA         |
|------------|-------------|-------------|
| 30         | 30 (C)      | 30 (C)      |
| 17.5       | 10 (C)      | 10 (C)      |
| 2.5        | AWG 22...12 | AWG 26...12 |
| 0.8 kV / 3 |             |             |
| A3 / V-0   |             |             |



30 / 5

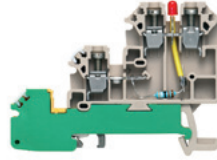
## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

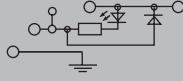
## DLA 2.5/LD/D

2.5 mm<sup>2</sup>

Actuator connection with LED



6.1 x 66 x 49  
17.5 / 4  
0.13...4



IEC 60947-7-1 (-7-2)

| IEC        | UL          | CSA         |
|------------|-------------|-------------|
| 30         | 30 (C)      | 30 (C)      |
|            | 10 (C)      | 10 (C)      |
| 2.5        | AWG 22...12 | AWG 26...12 |
| 0.8 kV / 3 |             |             |
| A3 / V-0   |             |             |



1000 / 1  
30 / 5

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
7 / 0.6 x 3.5 mm

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| DLA 2.5/LD-RT DB | 100  | 1783600000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| DLA 2.5/LD-GN/D DB | 100  | 1783630000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| Q 2 DLI         | 20 A    | 50   | 1312500000 |
| Q 3 DLI         | 20 A    | 50   | 1312600000 |
| Q 4 DLI         | 20 A    | 50   | 1312700000 |
| Q 10 DLI        | 20 A    | 20   | 1313100000 |
| Width           |         |      |            |
| AP DLI2.5 DB    | 1.5 mm  | 20   | 1783550000 |
| EW 35           | 8.5 mm  | 50   | 0383560000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| TSCH 1          | 2 mm    | 100  | 0319160000 |

DEK 5/6

DEK 5/6



## Motor connection terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

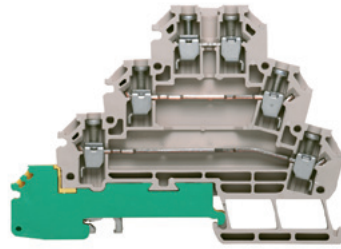
| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | With PE foot     |
| Note    |                  |

## Accessories

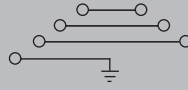
| End plate / Partition plate |                  |
|-----------------------------|------------------|
|                             | Dark beige PA    |
| End bracket                 |                  |
|                             | Dark beige Wemid |
| Screwdriver                 |                  |
|                             | Standard         |
| Cross-connection            |                  |
|                             | black            |
|                             | blue             |
|                             | red              |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## MAK 2.5

2.5 mm<sup>2</sup>

6.2 x 88 x 64  
**31 / 4**  
**0.13...4**



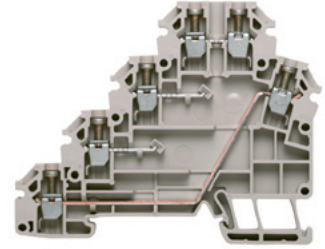
| IEC                  | UL          | CSA         |
|----------------------|-------------|-------------|
| 500                  | 300 (D)     | 300 (C)     |
| 24                   | 10 (D)      | 10 (C)      |
| 2.5                  | AWG 22...12 | AWG 26...12 |
| 6 kV / 3             |             |             |
| A3 / V-0             |             |             |
| ® 94                 |             |             |
| Rated connection     |             |             |
| 0.5...4 / 0.5...4    |             |             |
| 0.5...4 / 0.5...2.5  |             |             |
| 0.4...0.6 Nm (M 2.5) |             |             |
| 8 / 0.6 x 3.5 mm     |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| MAK 2.5 DB | 50   | 7917030000 |

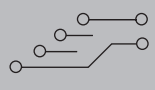
| Type             | Width  | Qty. | Order No.  |
|------------------|--------|------|------------|
| AP MAK2.5 DB     | 1.5 mm | 20   | 7917000000 |
| WEW 35/1         | 12 mm  | 50   | 1059000000 |
| SDIS 0.6X3.5X100 |        | 1    | 9008390000 |
| current          |        |      |            |
| VQB 1.5/50 SW    | 17.5 A | 5    | 1635120000 |
| VQB 1.5/50 BL    | 17.5 A | 5    | 1633280000 |
| VQB 1.5/50 RT    | 17.5 A | 5    | 1633290000 |

DEK 5/5

## VLI 1.5

1.5 mm<sup>2</sup>

6.15 x 69 x 64  
**24 / 4**  
**0.13...4**



IEC 60947-7-1 (-7-2)

| IEC                  | UL          | CSA |
|----------------------|-------------|-----|
| 250                  | 300 (D)     |     |
| 17.5                 | 10 (D)      |     |
| 1.5                  | AWG 26...12 |     |
| 4 kV / 3             |             |     |
| A3 / V-0             |             |     |
| 94                   |             |     |
| Rated connection     |             |     |
| 0.5...4 / 0.5...2.5  |             |     |
| 0.5...4 / 0.5...2.5  |             |     |
| 0.4...0.6 Nm (M 2.5) |             |     |
| 8 / 0.6 x 3.5 mm     |             |     |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| VLI 1.5 DB    | 50   | 1784120000 |
| VLI 1.5/PE DB | 50   | 1784130000 |

| Type             | Width  | Qty. | Order No.  |
|------------------|--------|------|------------|
| AP VLI1.5 DB     | 1.5 mm | 20   | 1784150000 |
| WEW 35/1         | 12 mm  | 50   | 1059000000 |
| SDIS 0.6X3.5X100 |        | 1    | 9008390000 |
| current          |        |      |            |
| VQB 1.5/50 SW    | 17.5 A | 5    | 1635120000 |
| VQB 1.5/50 BL    | 17.5 A | 5    | 1633280000 |
| VQB 1.5/50 RT    | 17.5 A | 5    | 1633290000 |

DEK 5/5



## Plug-in modular terminals

## Spade connection

Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |

## Note

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

## Accessories

| Screwable cross-connection  |                             |
|-----------------------------|-----------------------------|
|                             | 2-pole                      |
|                             | 3-pole                      |
|                             | 4-pole                      |
|                             | 10-pole                     |
| End plate / Partition plate |                             |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
|                             | Dark beige Wemid            |
|                             | Blue Wemid                  |
| End bracket                 |                             |
|                             | Dark beige Wemid            |
| Cover                       |                             |
|                             | With lightning flash symbol |
|                             | Blank, white                |

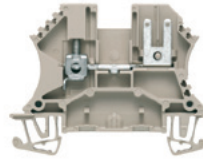


| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDU 2.5 F

2.5 mm<sup>2</sup>

## Spade connection right



|               |           |
|---------------|-----------|
| 5.1 x 60 x 47 | F2.8 F2.8 |
| 12 / 4        |           |
| 0.13...4      |           |

IEC 60947-7-1, IEC 61210

| IEC                   | UL          | CSA                |
|-----------------------|-------------|--------------------|
| 500                   | 300 (C)     | 300 (C)            |
| 12                    | 16 (C)      | 10 (C)             |
| 2.5                   | AWG 22...12 | AWG 26...12        |
| 6 kV / 3              |             |                    |
| A3 / V-0              |             |                    |
| Rated connection      |             | Further connection |
| 0.5...4 / 1.5...4     |             |                    |
| 0.5...4 / 0.5...2.5   |             |                    |
| 0.4...0.8 Nm (M 2.5)  |             |                    |
| 10 / 0.6 x 3.5 mm     |             |                    |
| 0.5...1.5             |             |                    |
| 0.5...1.5 / 0.5...1.5 |             |                    |

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm<sup>2</sup> conductor.

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDU 2.5 F 2X2.8                                                                                                                                              | 100  | 1021800000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

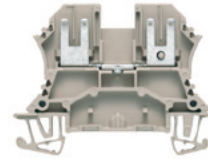
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| WQV 2.5/2               | 32 A    | 50   | 1053660000 |
| WQV 2.5/3               | 32 A    | 50   | 1053760000 |
| WQV 2.5/4               | 32 A    | 50   | 1053860000 |
| WQV 2.5/10              | 32 A    | 20   | 1054460000 |
| Width                   |         |      |            |
| WAP 2.5-10              | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 BL           | 1.5 mm  | 50   | 1050080000 |
| WAP 16+35 WTW 2.5-10    | 1.5 mm  | 20   | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm  | 20   | 1050180000 |
| Width                   |         |      |            |
| WEW 35/2                | 8 mm    | 100  | 1061200000 |
| Width                   |         |      |            |
| WAD 4 GE BED            | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS                | 4.5 mm  | 50   | 1072100000 |

|                                                                         |
|-------------------------------------------------------------------------|
| DEK 5/5 / WS 12/5                                                       |
| Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000 |

## WDU 2.5 FF 2\*2.8

1 mm<sup>2</sup>

## Spade connection left and right



|               |           |
|---------------|-----------|
| 5.1 x 60 x 47 | F2.8 F2.8 |
| 12 / 1        |           |
| ...1          |           |

IEC 60947-7-1, IEC 61210

| IEC              | UL          | CSA                |
|------------------|-------------|--------------------|
| 500              | 300 (C)     | 300 (C)            |
| 12               | 16 (C)      | 10 (C)             |
| 1                | AWG 22...12 | AWG 26...12        |
| 6 kV / 3         |             |                    |
| / V-0            |             |                    |
| Rated connection |             | Further connection |
|                  |             |                    |
|                  |             |                    |
|                  |             |                    |
|                  |             |                    |
|                  |             |                    |
|                  |             |                    |

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm<sup>2</sup> conductor.

| Type                                                                                 | Qty. | Order No.  |
|--------------------------------------------------------------------------------------|------|------------|
| WDU 2.5 FF 2X2.8                                                                     | 100  | 1021900000 |
| Technical data refers to the 2.8 mm cable-lug connector with 1 mm <sup>2</sup> wire. |      |            |

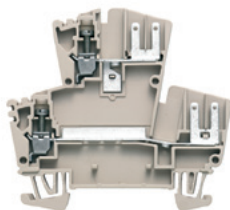
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| WQV 2.5/2               | 32 A    | 50   | 1053660000 |
| WQV 2.5/3               | 32 A    | 50   | 1053760000 |
| WQV 2.5/4               | 32 A    | 50   | 1053860000 |
| WQV 2.5/10              | 32 A    | 20   | 1054460000 |
| Width                   |         |      |            |
| WAP 2.5-10              | 1.5 mm  | 50   | 1050000000 |
| WAP 2.5-10 BL           | 1.5 mm  | 50   | 1050080000 |
| WAP 16+35 WTW 2.5-10    | 1.5 mm  | 20   | 1050100000 |
| WAP 16+35 WTW 2.5-10 BL | 1.5 mm  | 20   | 1050180000 |
| Width                   |         |      |            |
| WEW 35/2                | 8 mm    | 100  | 1061200000 |
| Width                   |         |      |            |
| WAD 4 GE BED            | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS                | 4.5 mm  | 50   | 1072100000 |

|                                                                         |
|-------------------------------------------------------------------------|
| DEK 5/5 / WS 12/5                                                       |
| Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000 |

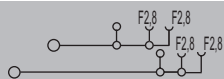
## WDK 2.5 F

2.5 mm<sup>2</sup>

Spade connection right



5.1 x 69.5 x 63  
12 / 4  
0.13...4



IEC 60947-7-1, IEC 61210

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (C)     |
| 12       | 10 (C)      | 10 (C)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

With insulating sleeves on cable lug connectors the voltage increases to 500 V.  
Current is limited by 2.8 mm cable lug connectors with 1 mm<sup>2</sup> conductor.

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 F                                                                                                                                                    | 100  | 1021600000 |
| WDK 2.5 F BL                                                                                                                                                 | 100  | 1021680000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 2.5/2     | 32 A    | 50   | 1053660000 |
| WQV 2.5/3     | 32 A    | 50   | 1053760000 |
| WQV 2.5/4     | 32 A    | 50   | 1053860000 |
| WQV 2.5/10    | 32 A    | 20   | 1054460000 |
| Width         |         |      |            |
| WAP WDK2.5    | 1.5 mm  | 20   | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm  | 20   | 1059180000 |
| WTW EN        | 3 mm    | 20   | 1058800000 |
|               |         |      |            |
| WEW 35/2      | 8 mm    | 100  | 1061200000 |
|               |         |      |            |
| WAD 4 GE BED  | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS      | 4.5 mm  | 50   | 1072100000 |

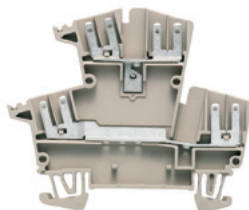
DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

## WDK 2.5 FF

1 mm<sup>2</sup>

Spade connection left and right



5.1 x 75.5 x 63  
12 / 1  
...1



IEC 60947-7-1, IEC 61210

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (C)     |
| 12       | 10 (C)      | 10 (C)      |
| 1        | AWG 22...14 | AWG 26...12 |
| 6 kV / 3 |             |             |
| / V-0    |             |             |



| Rated connection | Further connection |
|------------------|--------------------|
|                  |                    |
|                  |                    |
|                  |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

With insulating sleeves on cable lug connectors the voltage increases to 500 V.  
Current is limited by 2.8 mm cable lug connectors with 1 mm<sup>2</sup> conductor.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDK 2.5 FF | 100  | 1021700000 |
|            |      |            |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 2.5/2     | 32 A    | 50   | 1053660000 |
| WQV 2.5/3     | 32 A    | 50   | 1053760000 |
| WQV 2.5/4     | 32 A    | 50   | 1053860000 |
| WQV 2.5/10    | 32 A    | 20   | 1054460000 |
| Width         |         |      |            |
| WAP WDK2.5    | 1.5 mm  | 20   | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm  | 20   | 1059180000 |
| WTW EN        | 3 mm    | 20   | 1058800000 |
|               |         |      |            |
| WEW 35/2      | 8 mm    | 100  | 1061200000 |
|               |         |      |            |
| WAD 4 GE BED  | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS      | 4.5 mm  | 50   | 1072100000 |

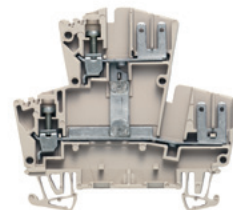
DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

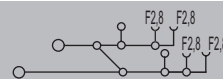
## WDK 2.5 FV

2.5 mm<sup>2</sup>

Spade connection right, both levels at one potential



5.1 x 69.5 x 63  
12 / 4  
0.13...4



IEC 60947-7-1, IEC 61210

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (C)     |
| 12       | 10 (C)      | 10 (C)      |
| 2.5      | AWG 22...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



| Rated connection     | Further connection |
|----------------------|--------------------|
| 0.5...4 / 1.5...4    |                    |
| 0.5...4 / 0.5...2.5  |                    |
| 0.4...0.6 Nm (M 2.5) |                    |
| 10 / 0.6 x 3.5 mm    |                    |

0.5...1.5  
0.5...1.5 / 0.5...1.5

With insulating sleeves on cable lug connectors the voltage increases to 500 V.  
Current is limited by 2.8 mm cable lug connectors with 1 mm<sup>2</sup> conductor.

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 FV                                                                                                                                                   | 100  | 1022400000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| WQV 2.5/2     | 32 A    | 50   | 1053660000 |
| WQV 2.5/3     | 32 A    | 50   | 1053760000 |
| WQV 2.5/4     | 32 A    | 50   | 1053860000 |
| WQV 2.5/10    | 32 A    | 20   | 1054460000 |
| Width         |         |      |            |
| WAP WDK2.5    | 1.5 mm  | 20   | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm  | 20   | 1059180000 |
| WTW EN        | 3 mm    | 20   | 1058800000 |
|               |         |      |            |
| WEW 35/2      | 8 mm    | 100  | 1061200000 |
|               |         |      |            |
| WAD 4 GE BED  | 4.5 mm  | 50   | 1072000000 |
| WAD 4 WS      | 4.5 mm  | 50   | 1072100000 |

DEK 5/5 / WS 8/5

Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

## Plug-in modular terminals

### Plug-in connection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| <b>Rated data</b>                                       |                 |
| Rated voltage                                           | V               |
| Rated current                                           | A               |
| Rated cross-section                                     | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity    |                 |
| Gauge to IEC 60947-1 / Flammability class UL94          |                 |
| Approvals                                               |                 |
| <b>Clamped conductors (H05V/H07V)</b>                   |                 |
| Solid / stranded                                        | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                        | mm <sup>2</sup> |
| Tightening torque range (terminal screw)                |                 |
| Stripping length / Blade size                           | mm/-            |
| <b>2 conductors with same cross-section (H05V/H07V)</b> |                 |
| Solid / stranded                                        | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                        | mm <sup>2</sup> |
| <b>Note</b>                                             |                 |

## Ordering data

|                |                  |
|----------------|------------------|
| <b>Version</b> | Dark beige Wemid |
| <b>Note</b>    |                  |

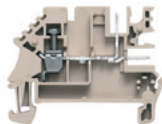
## Accessories

|                                                                                     |                                                                                                                                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Pluggable connection</b>                                                         | 10-pole<br>2-pole<br>3-pole<br>4-pole                                                                                            |
|  |                                                                                                                                  |
| <b>End plate / Partition plate</b>                                                  | With assembly peg<br>Without peg                                                                                                 |
| <b>End bracket</b>                                                                  | Dark beige Wemid                                                                                                                 |
| <b>Mounting block for socket connector</b>                                          | With assembly peg<br>Without peg                                                                                                 |
| <b>Socket blocks</b>                                                                | 4-pole<br>6-pole<br>8-pole<br>(with lateral dovetail) 4-pole<br>(with lateral dovetail) 6-pole<br>(with lateral dovetail) 8-pole |
| <b>Coding</b>                                                                       | Coding element                                                                                                                   |
| <b>Miscellaneous accessories</b>                                                    | Cover for unused pins                                                                                                            |
| <b>Identification systems</b>                                                       | (see assortment in catalogue 7)                                                                                                  |
| <b>Note</b>                                                                         | Marking tags                                                                                                                     |

**WDU 1.5 BLZ 5.08 WQV**

**1.5 mm<sup>2</sup>**

### Screwable cross-connection



5.08 x 49 x 37.5  
16 / 4  
0.13...4

WQV

BLZ 5.08

BLZ 5.08

IEC 60947-7-1, IEC 61984

| IEC                                                                                                                                                         | UL          | CSA                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| 250                                                                                                                                                         | 300 (D)     | 300 (C)            |
| 16                                                                                                                                                          | 10 (D)      | 10 (C)             |
| 1.5                                                                                                                                                         | AWG 22...12 | AWG 26...12        |
| 4 kV / 3                                                                                                                                                    |             |                    |
| A3 / V-0                                                                                                                                                    |             |                    |
|                                                                            |             |                    |
| Rated connection                                                                                                                                            |             | Plug-in connection |
| 0.5...4 / 1.5...4                                                                                                                                           |             |                    |
| 0.5...4 / 0.5...2.5                                                                                                                                         |             | 0.5/ 0.5...2.5     |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                        |             |                    |
| 10 / 0.6 x 3.5 mm                                                                                                                                           |             |                    |
|                                                                                                                                                             |             |                    |
| 0.5...1.5                                                                                                                                                   |             |                    |
| 0.5...1.5 / 0.5...1.5                                                                                                                                       |             |                    |
| Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm <sup>2</sup> conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). |             |                    |

| Type                                                                          | Qty. | Order No.  |
|-------------------------------------------------------------------------------|------|------------|
| WDU 1.5/BLZ 5.08                                                              | 100  | 1577340000 |
| WDU 1.5 BLA Order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ. |      |            |

[illegible]

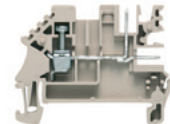
DEK 5/5 / WS 12/5

Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

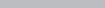
**WDU 1.5 BLZ 5.08 ZQV**

**1.5 mm<sup>2</sup>**

### Plug-in cross-connection



5.08 x 49 x 37.5  
16 / 4  
0.13...4



IEC 60947-7-1, IEC 61984

| IEC                                                                                                                                                         | UL       | CSA                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|
| 250                                                                                                                                                         |          |                    |
| 16                                                                                                                                                          |          |                    |
| 1.5                                                                                                                                                         |          |                    |
|                                                                                                                                                             | 4 kV / 3 |                    |
|                                                                                                                                                             | A3 / V-0 |                    |
| Rated connection                                                                                                                                            |          | Plug-in connection |
| 0.5...4 / 1.5...4                                                                                                                                           |          |                    |
| 0.5...4 / 0.5...2.5                                                                                                                                         |          | 0.5/ 0.5...2.5     |
| 0.4...0.6 Nm (M 2.5)                                                                                                                                        |          |                    |
| 10 / 0.6 x 3.5 mm                                                                                                                                           |          |                    |
|                                                                                                                                                             |          |                    |
| 0.5...1.5                                                                                                                                                   |          |                    |
| 0.5...1.5 / 0.5...1.5                                                                                                                                       |          |                    |
| Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm <sup>2</sup> conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). |          |                    |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WDU 1.5/ZQV/BLZ 5.08 | 100  | 1784460000 |
|                      |      |            |

| Type                      | current | Qty. | Order No.  |
|---------------------------|---------|------|------------|
| ZQV 2.5N/10 GE            | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/2 GE             | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE             | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE             | 24 A    | 60   | 1693820000 |
| Width                     |         |      |            |
| WAP WDU1.5/BLZ/ZA         | 2.5 mm  | 50   | 1577320000 |
| WAP WDU1.5/BLZ            | 2.5 mm  | 50   | 1577330000 |
|                           |         |      |            |
| WEW 35/1                  | 12 mm   | 50   | 1059000000 |
|                           |         |      |            |
| WBB ZA WDU1.5/BL 10/10    | 5 mm    | 10   | 1068260000 |
| WBB WDU1.5/BL...          | 5 mm    | 10   | 1068160000 |
|                           |         |      |            |
| BLZ 5.08/04/180 SN OR BX  |         | 100  | 1526660000 |
| BLZ 5.08/06/180 SN OR BX  |         | 50   | 1526860000 |
| BLZ 5.08/08/180 SN OR BX  |         | 50   | 1527060000 |
| BLZ 5.08/04/180B SN OR BX |         | 100  | 1528960000 |
| BLZ 5.08/06/180B SN OR BX |         | 50   | 1529160000 |
| BLZ 5.08/08/180B SN OR BX |         | 50   | 1529360000 |
|                           |         |      |            |
| BLZ/SL K0 SW              |         | 50   | 1545710000 |
|                           |         |      |            |
| WAD WDU1.5/BLZ/BLA        | 9.48 mm | 20   | 1577400000 |

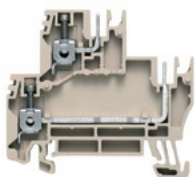
DEK 5/5 / WS 12/5

Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).

## WDK 2.5 BLZ/5.08

2.5 mm<sup>2</sup>

Double terminal pitch 5.08



5.08 x 58 x 53

18 / 4

0.13...4



IEC 60947-7-1, IEC 61984

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (D)     |
| 16.5     | 10 (D)      | 24 (D)      |
| 2.5      | AWG 26...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4 / 1.5...2.5 |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5     |
| (M 2.5)             |                    |
| 10 / 0.6 x 3.5 mm   |                    |

0.5...1.5

0.5...1.5 / 0.5...1.5

Size with BLZ female header: length 58 mm / height 63.5 mm

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| WDK 2.5/BLZ/5.08/ZA | 100  | 1034400000 |

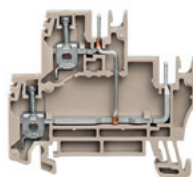
2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| Type                      | current | Qty. | Order No.  |
|---------------------------|---------|------|------------|
| WAP WDK2.5/BLZ/M.ZA       | 5.08 mm | 20   | 1070100000 |
| WAP WDK2.5/BLZ/O.ZA       | 5.08 mm | 20   | 1070000000 |
| WEW 35/1                  | 12 mm   | 50   | 1059000000 |
| WBB ZA WDK2.5/BL5.08      | 5 mm    | 10   | 1072760000 |
| WBB WDK2.5/BL5.08         | 5 mm    | 10   | 1072660000 |
| BLZ 5.08/04/180 SN OR BX  |         | 100  | 1526660000 |
| BLZ 5.08/06/180 SN OR BX  |         | 50   | 1526860000 |
| BLZ 5.08/08/180 SN OR BX  |         | 50   | 1527060000 |
| BLZ 5.08/04/180B SN OR BX |         | 100  | 1528960000 |
| BLZ 5.08/06/180B SN OR BX |         | 50   | 1529160000 |
| BLZ 5.08/08/180B SN OR BX |         | 50   | 1529360000 |
| BLZ/SL KO SW              |         | 50   | 1545710000 |
| WAD WDU1.5/BLZ/BLA        | 9.48 mm | 20   | 1577400000 |

DEK 5/5 / WS 8/5

External cross-connection WQB A, refer to the W-Series accessories section, "Potential distribution".

## WDK 2.5 BLZ/5.08/ZA V

2.5 mm<sup>2</sup>

5.08 x 58 x 53

18 / 4

0.13...4

IEC 60947-7-1, IEC 61984

| IEC      | UL | CSA |
|----------|----|-----|
| 250      |    |     |
| 16.5     |    |     |
| 2.5      |    |     |
| 4 kV / 3 |    |     |
| A3 / V-0 |    |     |

| Rated connection    | Plug-in connection |
|---------------------|--------------------|
| 0.5...4 / 1.5...2.5 |                    |
| 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5     |
| (M 2.5)             |                    |
| 10 / 0.6 x 3.5 mm   |                    |

0.5...1.5

0.5...1.5 / 0.5...1.5

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| WDK 2.5/BLZ/5.08/ZA V | 100  | 1027410000 |

| Type                      | current | Qty. | Order No.  |
|---------------------------|---------|------|------------|
| WAP WDK2.5/BLZ/M.ZA       | 5.08 mm | 20   | 1070100000 |
| WAP WDK2.5/BLZ/O.ZA       | 5.08 mm | 20   | 1070000000 |
| WEW 35/1                  | 12 mm   | 50   | 1059000000 |
| WBB ZA WDK2.5/BL5.08      | 5 mm    | 10   | 1072760000 |
| WBB WDK2.5/BL5.08         | 5 mm    | 10   | 1072660000 |
| BLZ 5.08/04/180 SN OR BX  |         | 100  | 1526660000 |
| BLZ 5.08/06/180 SN OR BX  |         | 50   | 1526860000 |
| BLZ 5.08/08/180 SN OR BX  |         | 50   | 1527060000 |
| BLZ 5.08/04/180B SN OR BX |         | 100  | 1528960000 |
| BLZ 5.08/06/180B SN OR BX |         | 50   | 1529160000 |
| BLZ 5.08/08/180B SN OR BX |         | 50   | 1529360000 |
| BLZ/SL KO SW              |         | 50   | 1545710000 |
| WAD WDU1.5/BLZ/BLA        | 9.48 mm | 20   | 1577400000 |

DEK 5/5 / WS 8/5

## Plug-in modular terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

## Ordering data

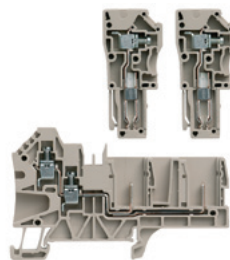
| Version          |
|------------------|
| Dark beige Wemid |
| Note             |

## Accessories

| Pluggable cross-connection       |
|----------------------------------|
| 2-pole                           |
| 3-pole                           |
| 4-pole                           |
| 10-pole                          |
| End plate / Partition plate      |
| Dark beige Wemid                 |
| End bracket                      |
| Dark beige Wemid                 |
| Miscellaneous accessories WeiCoS |
| Locking element                  |
| Coding element                   |
| Strain relief                    |
| Screwdriver                      |
| Standard                         |
| Plug-in connector                |

|                        |                                 |
|------------------------|---------------------------------|
| Identification systems | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

WT4 4 AN/2

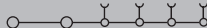
4 mm<sup>2</sup>

NEW

6.1 x 84.3 x 50.7

/ 6

0.5...6



| IEC               | UL          | CSA |
|-------------------|-------------|-----|
| 800               | 600 (C)     |     |
| 32                | 30 (C)      |     |
| 4                 | AWG 26...10 |     |
| 8 kV / 3          |             |     |
| A4 / V-0          |             |     |
| Rated connection  |             |     |
| 0.5...6 / 0.5...6 |             |     |
| 0.5...4 / 0.5...4 |             |     |
| / 0.6 x 3.5 mm    |             |     |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| WT4 4AN/2 | 50   | 1107680000 |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| ZQV 4N/2 GE     | 32 A    | 60   | 1758250000 |
| ZQV 4N/3 GE     | 32 A    | 60   | 1762630000 |
| ZQV 4N/4 GE     | 32 A    | 60   | 1762620000 |
| ZQV 4N/10 GE    | 32 A    | 20   | 1758260000 |
| Width           |         |      |            |
| WAP WT4/4AN/2   | 1.5 mm  | 50   | 1107780000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| ZVR ZP4         | 5.5 mm  | 25   | 1855250000 |
| KOSF ZT4        | 5.4 mm  | 50   | 1856860000 |
| ZZE ZP4         | 12.5 mm | 25   | 1855260000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |
| WP4/1AN/1       |         | 50   | 1107790000 |
| WP4/1AN/1 ZA    |         | 50   | 1108490000 |
| WP4/1AN/10      |         | 10   | 1107800000 |





# WMF marshalling terminals

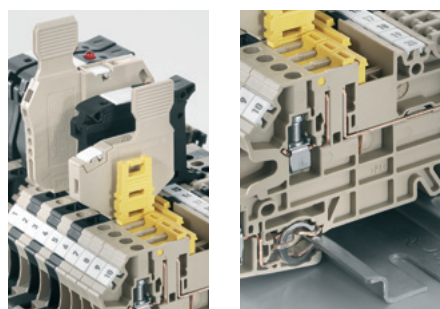
## Multi-function terminal block products for marshalling signals

In process control systems for facilities in the process and power generation sectors, incoming signals from field devices are often connected with terminal blocks within marshalling cabinets. Terminal blocks are used despite the existence of alternative technologies such as Remote I/O and Fieldbus. This is mainly because they offer a robust and simple connection system, and can be clearly labelled for orderly installation.

Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provides a multi-functional solution for marshalling signals. This space-saving terminal block combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.

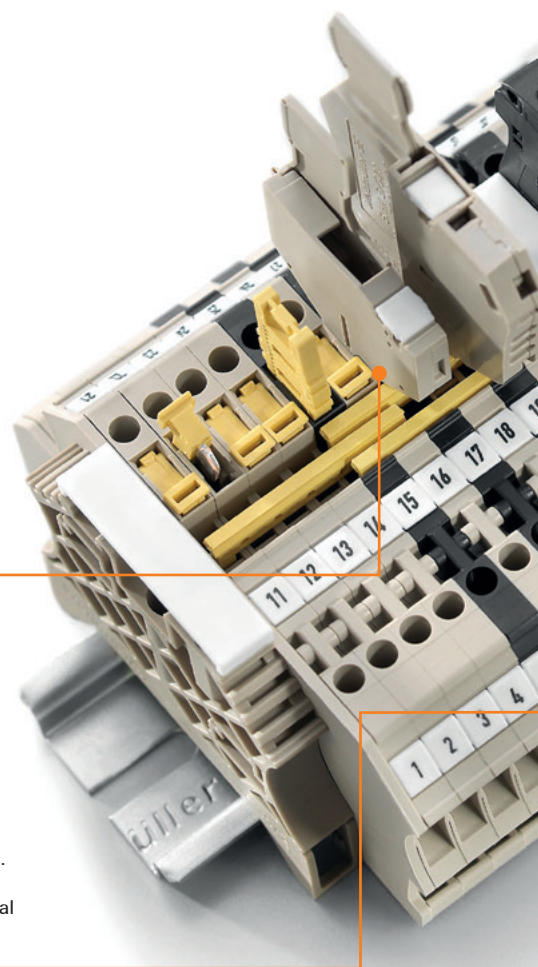
### A solution to fit any scenario

Feed-through, fuse and disconnect functions, and even an integrated shield connection: all the required functions are combined together in this design.



### Saves space in the switching cabinet

The 5 mm width allows for high-density wiring. The integrated shield/PE connection replaces the shield-connection devices or the PE terminal blocks.



**Fuse is convenient to replace**

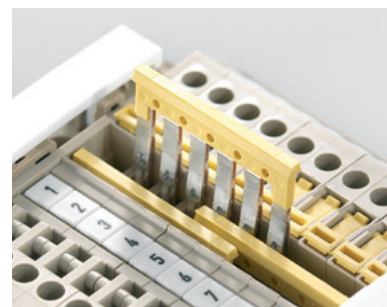
The new design of the fuse holder includes a hinged fuse carrier – this enables the fuse to be replaced quickly and reliably.

**Optional LED status indicator**

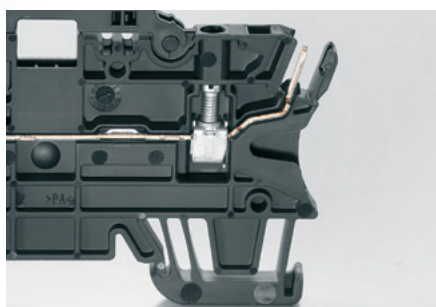
Easy identification during troubleshooting and no interference signals in control circuit – because of optional bright LED status display and minimal leakage current (less than 0.5 mA).

**Cross-connection channels**

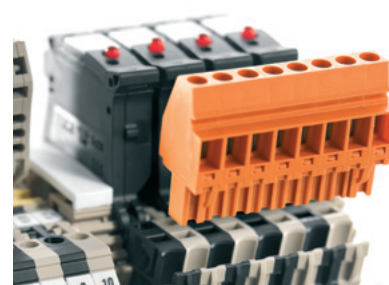
The WMF terminal block has three cross-connection channels; they are a very flexible solution for bundling and looping through of potentials. The standard ZQV cross-connections can be used to join both the neutral wire and also a shielded potential voltage across a large number of poles.

**Global reliability**

Weidmüller's proven screw-connection mechanism guarantees that the product will be easy to operate, recognise, and maintain anywhere throughout the world.

**Marshalling with Plug & Play**

Instead of using a screw connection to contact each signal at the routing levels, pre-assembled cable sets with BLZ mating profiles are used. This saves you valuable wiring time in the field.



## Multi-functional terminals

## Multi-functional terminals

## WMF 2.5

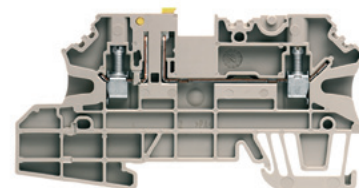
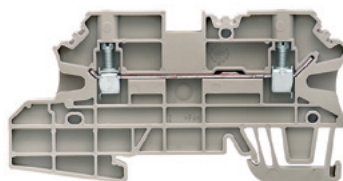
2.5 mm<sup>2</sup>

## WMF 2.5 DI

2.5 mm<sup>2</sup>

NEW

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|                |  |
|----------------|--|
| 5.08 x 88 x 45 |  |
| 32 / 4         |  |
| 0.5...4        |  |

|                |  |
|----------------|--|
| 5.08 x 88 x 45 |  |
| 20 / 4         |  |
| 0.5...4        |  |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |
| Note                                                 |                 |

| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 800                 | 600 (C)     | 600 (C)     |
| 24                  | 20 (C)      | 26 (C)      |
| 2.5                 | AWG 26...12 | AWG 26...12 |
| 8 kV / 3            |             |             |
| A3 / V-0            |             |             |
|                     |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...0.6 Nm (M 3)  |             |             |
| 10 / 0.6 x 3.5 mm   |             |             |
| Note                |             |             |

| IEC                 | UL          | CSA |
|---------------------|-------------|-----|
| 500                 | 600 (C)     |     |
| 20                  | 19 (C)      |     |
| 2.5                 | AWG 26...12 |     |
| 8 kV / 3            |             |     |
| A3 / V-0            |             |     |
|                     |             |     |
| Rated connection    |             |     |
| 0.5...4 / 1.5...4   |             |     |
| 0.5...4 / 0.5...2.5 |             |     |
| 0.5...0.6 Nm (M 3)  |             |     |
| 10 / 0.6 x 3.5 mm   |             |     |
| Note                |             |     |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WMF 2.5    | 50   | 1143070000 |
| WMF 2.5 BL | 50   | 1270040000 |
| Note       |      |            |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WMF 2.5 DI    | 50   | 1143020000 |
| WMF 2.5 DI BL | 50   | 1270070000 |
| Note          |      |            |

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/2               |         |      |            |
|                        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100        |         |      |            |
|                        |         | 1    | 9008330000 |
| SIHA 3/G20             |         |      |            |
|                        | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   |         |      |            |
|                        | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V |         |      |            |
|                        | 5.95 mm | 25   | 7921600000 |
| FUCR SW                |         |      |            |
|                        | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         |         |      |            |
|                        | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       |         |      |            |
|                        | 8 mm    | 10   | 1167680000 |
| BEST/DRBR              |         |      |            |
|                        | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 |         |      |            |
|                        | 5.1 mm  | 50   | 1878560000 |
| DEK 5/5 / WS 10/5      |         |      |            |
|                        |         |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/2               |         |      |            |
|                        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100        |         |      |            |
|                        |         | 1    | 9008330000 |
| SIHA 3/G20             |         |      |            |
|                        | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   |         |      |            |
|                        | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V |         |      |            |
|                        | 5.95 mm | 25   | 7921600000 |
| FUCR SW                |         |      |            |
|                        | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         |         |      |            |
|                        | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       |         |      |            |
|                        | 8 mm    | 10   | 1167680000 |
| BEST/DRBR              |         |      |            |
|                        | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 |         |      |            |
|                        | 5.1 mm  | 50   | 1878560000 |
| DEK 5/5 / WS 10/5      |         |      |            |
|                        |         |      |            |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

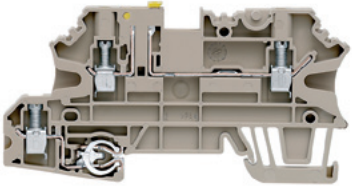
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

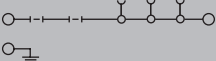
WMF 2.5 DI PE

2.5 mm<sup>2</sup>

NEW



5.08 x 88 x 45  
20 / 4  
0.5...4



| IEC                                                                               | UL          | CSA |
|-----------------------------------------------------------------------------------|-------------|-----|
| 250                                                                               | 600 (C)     |     |
| 20                                                                                | 19 (C)      |     |
| 2.5                                                                               | AWG 26...12 |     |
| 8 kV / 3                                                                          |             |     |
| A3 / V-0                                                                          |             |     |
|  |             |     |
| Rated connection                                                                  |             |     |
| 0.5...4 / 1.5...4                                                                 |             |     |
| 0.5...4 / 0.5...2.5                                                               |             |     |
| 0.5...0.6 Nm (M 3)                                                                |             |     |
| 10 / 0.6 x 3.5 mm                                                                 |             |     |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| WMF 2.5 DI PE    | 50   | 1143030000 |
| WMF 2.5 DI PE BL | 50   | 1270080000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/1               | 12 mm   | 50   | 1059000000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| FUCR SW                | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       | 8 mm    | 10   | 1167680000 |
|                        |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
|                        |         |      |            |
| TNST                   |         | 50   | 1833090000 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

## Multi-functional terminals

## Multi-functional terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

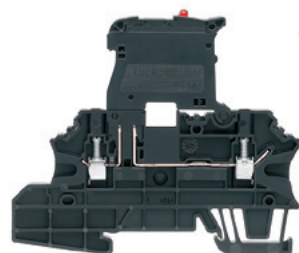
## Ordering data

| Version |                             |
|---------|-----------------------------|
|         | Black Wemid                 |
|         | 10-36 V AC/DC, with LED     |
|         | 30-70 V AC/DC, with LED     |
|         | 60-150 V AC/DC, with LED    |
|         | 100 - 250 V AC/DC, with LED |
| Note    |                             |

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |
| Identification systems             |                                             |
|                                    | (see assortment in catalogue 7)             |
|                                    | Marking tags                                |
| Note                               |                                             |

## WMF 2.5 FU

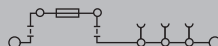
2.5 mm<sup>2</sup>

NEW

5.08 x 88 x 74.5

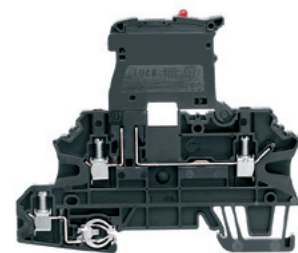
6.3 / 4

0.5...4



| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 250                 | 600 (C)     | 600 (C)     |
| 6.3                 | 17 (C)      | 17 (C)      |
| 2.5                 | AWG 26...12 | AWG 26...12 |
| 8 kV / 3            |             |             |
| A3 / V-0            |             |             |
|                     |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...0.6 Nm (M 3)  |             |             |
| 10 / 0.6 x 3.5 mm   |             |             |

## WMF 2.5 FU PE

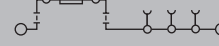
2.5 mm<sup>2</sup>

NEW

5.08 x 88 x 74.5

6.3 / 4

0.5...4



| IEC                 | UL          | CSA         |
|---------------------|-------------|-------------|
| 250                 | 600 (C)     | 600 (C)     |
| 6.3                 | 17 (C)      | 17 (C)      |
| 2.5                 | AWG 26...12 | AWG 26...12 |
| 8 kV / 3            |             |             |
| A3 / V-0            |             |             |
|                     |             |             |
| Rated connection    |             |             |
| 0.5...4 / 1.5...4   |             |             |
| 0.5...4 / 0.5...2.5 |             |             |
| 0.5...0.6 Nm (M 3)  |             |             |
| 10 / 0.6 x 3.5 mm   |             |             |

| Type                                                                | Qty. | Order No.  |
|---------------------------------------------------------------------|------|------------|
| WMF 2.5 FU SW                                                       | 50   | 1162920000 |
| WMF 2.5 FU 10-36V SW                                                | 50   | 1162930000 |
| WMF 2.5 FU 30-70V SW                                                | 50   | 1162940000 |
| WMF 2.5 FU 60-150V SW                                               | 50   | 1162950000 |
| WMF 2.5 FU 100-250V SW                                              | 50   | 1162960000 |
| The WMF FU terminals may not be aligned directly under one another. |      |            |

| Type                                                                | Qty. | Order No.  |
|---------------------------------------------------------------------|------|------------|
| WMF 2.5 FU PE SW                                                    | 50   | 1163040000 |
| WMF 2.5 FU PE 10-36V SW                                             | 50   | 1163050000 |
| WMF 2.5 FU PE 30-70V SW                                             | 50   | 1163060000 |
| WMF 2.5 FU PE 60-150V SW                                            | 50   | 1163070000 |
| WMF 2.5 FU PE 100-250V SW                                           | 50   | 1163080000 |
| The WMF FU terminals may not be aligned directly under one another. |      |            |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/2               |         |      |            |
|                        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100        |         |      |            |
|                        |         | 1    | 9008330000 |
| SIHA 3/G20             |         |      |            |
|                        | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   |         |      |            |
|                        | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V |         |      |            |
|                        | 5.95 mm | 25   | 7921600000 |
| FUCR SW                |         |      |            |
|                        | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         |         |      |            |
|                        | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       |         |      |            |
|                        | 8 mm    | 10   | 1167680000 |
| BEST                   |         |      |            |
|                        | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              |         |      |            |
|                        | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 |         |      |            |
|                        | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         |      |            |
|                        |         | 50   | 1833090000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/2               |         |      |            |
|                        | 8 mm    | 100  | 1061200000 |
| SDS 0.6X3.5X100        |         |      |            |
|                        |         | 1    | 9008330000 |
| SIHA 3/G20             |         |      |            |
|                        | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   |         |      |            |
|                        | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V |         |      |            |
|                        | 5.95 mm | 25   | 7921600000 |
| FUCR SW                |         |      |            |
|                        | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         |         |      |            |
|                        | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       |         |      |            |
|                        | 8 mm    | 10   | 1167680000 |
| BEST                   |         |      |            |
|                        | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              |         |      |            |
|                        | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 |         |      |            |
|                        | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         |      |            |
|                        |         | 50   | 1833090000 |

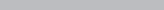
| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |



**2.5 mm<sup>2</sup>**

5.08 x 90 x 45  
20 / 4  
0.5...4



BLZ 5.08

| IEC                                                     | UL       | CSA |
|---------------------------------------------------------|----------|-----|
| 250                                                     |          |     |
| 20                                                      |          |     |
| 2.5                                                     |          |     |
|                                                         | 8 kV / 3 |     |
|                                                         | A3 / V-0 |     |
| <b>Rated connection</b>                                 |          |     |
| 0.5...4 / 1.5...4                                       |          |     |
| 0.5...4 / 0.5...2.5                                     |          |     |
| 0.5...0.6 Nm (M 3)                                      |          |     |
| 10 / 0.6 x 3.5 mm                                       |          |     |
| With BLZ plug the nominal current is reduced to 15.5 A. |          |     |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WMF 2.5 DI BLZ | 50   | 1143000000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
|                        |         |      |            |
| WEW 35/1               | 12 mm   | 50   | 1059000000 |
|                        |         |      |            |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |
|                        |         |      |            |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| FUCR SW                | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       | 8 mm    | 10   | 1167680000 |
|                        |         |      |            |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
|                        |         |      |            |
| TNST                   |         | 50   | 1833090000 |

DEK 5/5 / WS 10/5

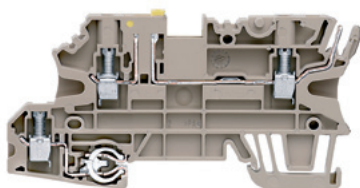
## Multi-functional terminals

## Multi-functional terminals

WMF 2.5 DI BLZ PE

2.5 mm<sup>2</sup>

NEW



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

|                |          |
|----------------|----------|
| 5.08 x 90 x 45 | BLZ 5.08 |
| 20 / 4         |          |
| 0.5...4        |          |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

| IEC                                                     | UL          | CSA         |
|---------------------------------------------------------|-------------|-------------|
| 250                                                     | 300 (D)     | 300 (D)     |
| 20                                                      | 10 (D)      | 10 (D)      |
| 2.5                                                     | AWG 26...12 | AWG 26...12 |
| 8 kV / 3                                                |             |             |
| A3 / V-0                                                |             |             |
|                                                         |             |             |
| Rated connection                                        |             |             |
| 0.5...4 / 1.5...4                                       |             |             |
| 0.5...4 / 0.5...2.5                                     |             |             |
| 0.5...0.6 Nm (M 3)                                      |             |             |
| 10 / 0.6 x 3.5 mm                                       |             |             |
| With BLZ plug the nominal current is reduced to 15.5 A. |             |             |

## Ordering data

| Version          |
|------------------|
| Dark beige Wemid |
| Note             |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WMF 2.5 DI BLZ PE | 50   | 1143010000 |

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/1               | 12 mm   | 50   | 1059000000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| FUCR SW                | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       | 8 mm    | 10   | 1167680000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

|                        |                                 |
|------------------------|---------------------------------|
| Identification systems | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

## Multi-functional terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| mm/-                                                 |                 |

## Note

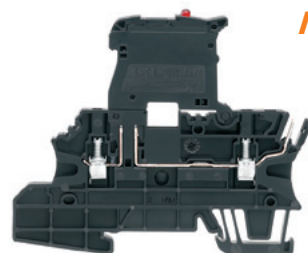
## Ordering data

| Version |                             |
|---------|-----------------------------|
|         | Black Wemid                 |
|         | 10-36 V AC/DC, with LED     |
|         | 30-70 V AC/DC, with LED     |
|         | 60-150 V AC/DC, with LED    |
|         | 100 - 250 V AC/DC, with LED |
| Note    |                             |

## Accessories

| Pluggable cross-connection         |                                             |
|------------------------------------|---------------------------------------------|
|                                    | 2-pole                                      |
|                                    | 3-pole                                      |
|                                    | 4-pole                                      |
|                                    | 10-pole                                     |
|                                    | 20-/24-pole                                 |
| End plate / Partition plate        |                                             |
|                                    | Dark beige Wemid                            |
| End bracket                        |                                             |
|                                    | Dark beige Wemid                            |
| Screwdriver                        |                                             |
|                                    | Standard                                    |
| Holder for cartridge fuse 5 x 20mm |                                             |
|                                    | 400 V AC/DC, without LED                    |
|                                    | 10 - 36 V AC/DC, red LED                    |
|                                    | 140 - 250 V AC/DC, red LED                  |
| Module connector (max. 250 V)      |                                             |
|                                    | without fittings                            |
|                                    | with wire jumper                            |
|                                    | With 1N4007 diode                           |
| Disconnect plug                    |                                             |
|                                    | removable, as replacement for release lever |
| Identification systems             |                                             |
|                                    | (see assortment in catalogue 7)             |
|                                    | Marking tags                                |
| Note                               |                                             |

## WMF 2.5 FU BLZ

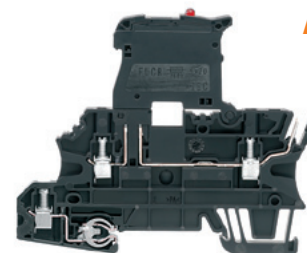
2.5 mm<sup>2</sup>

NEW

|                  |          |
|------------------|----------|
| 5.08 x 90 x 74.5 | BLZ 5.08 |
| 6.3 / 4          |          |
| 0.5...4          |          |

| IEC                 | UL          | CSA                |
|---------------------|-------------|--------------------|
| 250                 | 300 (D)     | 300 (D)            |
| 6.3                 | 10 (D)      | 10 (D)             |
| 2.5                 | AWG 26...12 | AWG 26...12        |
| 8 kV / 3            |             |                    |
| A3 / V-0            |             |                    |
|                     |             |                    |
| Rated connection    |             | Further connection |
| 0.5...4 / 1.5...4   |             |                    |
| 0.5...4 / 0.5...2.5 |             |                    |
| 0.5...0.6 Nm (M 3)  |             |                    |
| 10 / 0.6 x 3.5 mm   |             |                    |

## WMF 2.5 FU BLZ PE

2.5 mm<sup>2</sup>

NEW

|                  |          |
|------------------|----------|
| 5.08 x 90 x 74.5 | BLZ 5.08 |
| 6.3 / 4          |          |
| 0.5...4          |          |

| IEC                 | UL          | CSA                |
|---------------------|-------------|--------------------|
| 250                 | 300 (D)     | 300 (D)            |
| 6.3                 | 10 (D)      | 10 (D)             |
| 2.5                 | AWG 26...12 | AWG 26...12        |
| 8 kV / 3            |             |                    |
| A3 / V-0            |             |                    |
|                     |             |                    |
| Rated connection    |             | Further connection |
| 0.5...4 / 1.5...4   |             |                    |
| 0.5...4 / 0.5...2.5 |             |                    |
| 0.5...0.6 Nm (M 3)  |             |                    |
| 10 / 0.6 x 3.5 mm   |             |                    |

| Type                       | Qty. | Order No.  |
|----------------------------|------|------------|
| WMF 2.5 FU BLZ SW          | 50   | 1162980000 |
| WMF 2.5 FU BLZ 10-36V SW   | 50   | 1162990000 |
| WMF 2.5 FU BLZ 30-70V SW   | 50   | 1163000000 |
| WMF 2.5 FU BLZ 60-150V SW  | 50   | 1163010000 |
| WMF 2.5 FU BLZ 100-250V SW | 50   | 1163020000 |

| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| WMF 2.5 FU BLZ PE SW          | 50   | 1162820000 |
| WMF 2.5 FU BLZ PE 10-36V SW   | 50   | 1162830000 |
| WMF 2.5 FU BLZ PE 30-70V SW   | 50   | 1162840000 |
| WMF 2.5 FU BLZ PE 60-150V SW  | 50   | 1162850000 |
| WMF 2.5 FU BLZ PE 100-250V SW | 50   | 1162860000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/1               | 12 mm   | 50   | 1059000000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| FUCR SW                | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       | 8 mm    | 10   | 1167680000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| ZQV 2.5N/2 GE          | 24 A    | 60   | 1693800000 |
| ZQV 2.5N/3 GE          | 24 A    | 60   | 1693810000 |
| ZQV 2.5N/4 GE          | 24 A    | 60   | 1693820000 |
| ZQV 2.5N/10 GE         | 24 A    | 20   | 1693880000 |
| ZQV 2.5N/20 GE         | 24 A    | 20   | 1909000000 |
| Width                  |         |      |            |
| AP WMF2.5              | 1.5 mm  | 50   | 1142990000 |
| WEW 35/1               | 12 mm   | 50   | 1059000000 |
| SDS 0.6X3.5X100        |         | 1    | 9008330000 |
| SIHA 3/G20             | 5.95 mm | 25   | 7921560000 |
| SIHA 3/G20/LD 10-36V   | 5.95 mm | 25   | 7921570000 |
| SIHA 3/G20/LD 140-250V | 5.95 mm | 25   | 7921600000 |
| FUCR SW                | 8 mm    | 10   | 1167630000 |
| FUCR 10-36V SW         | 8 mm    | 10   | 1167640000 |
| FUCR 100-250V SW       | 8 mm    | 10   | 1167680000 |
| BEST                   | 5.1 mm  | 50   | 1833100000 |
| BEST/DRBR              | 5.1 mm  | 50   | 1878570000 |
| BEST/D                 | 5.1 mm  | 50   | 1878560000 |
| TNST                   |         | 50   | 1833090000 |

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

|                   |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|



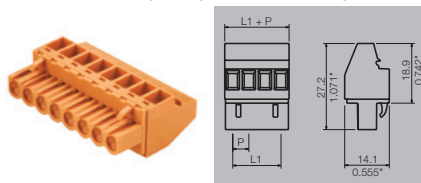
## Multi-functional terminals – Accessories

## Technical data

| Rated data according to IEC 60664-1 / IEC 61984 |                 |              |   |
|-------------------------------------------------|-----------------|--------------|---|
| Clamping range, max.                            | mm <sup>2</sup> | 0.13...4     |   |
| Solid core H05(07) V-U                          | mm <sup>2</sup> | 0.2...4      |   |
| Stranded H07 V-R                                | mm <sup>2</sup> | 0.2...4      |   |
| Flexible H05(07) V-K                            | mm <sup>2</sup> | 0.2...4      |   |
| Flexible with ferrule                           | mm <sup>2</sup> | 0.2...4      |   |
| Ferrule with plastic collar                     | mm <sup>2</sup> | 0.2...2.5    |   |
| Stripping length                                | mm              | 7            |   |
| Screwdriver blade                               | mm              | 0.6 x 3.5    |   |
| according to norm                               |                 | DIN 5264     |   |
| Tightening torque range                         | Nm              | 0.4...0.5    |   |
| Rated current                                   |                 |              |   |
| at ambient temperature                          |                 |              |   |
|                                                 | 20 °C           | 40 °C        |   |
| Overvoltage category                            | A 15            | 12           |   |
| Pollution severity                              | III III         | II           |   |
| Rated voltage                                   | V 250           | 320 400      |   |
| Rated impulse voltage                           | kV 4            | 4 4          |   |
| UL 1059 Rated data                              |                 |              |   |
|                                                 | B               | C            | D |
| Rated voltage                                   | V 300           | 300          |   |
| Rated current                                   | A 15            | 10           |   |
| AWG conductor                                   |                 | 26...12      |   |
| CSA C22.2 Rated data                            |                 |              |   |
|                                                 | B               | C            | D |
| Rated voltage                                   | V 300           | 300          |   |
| Rated current                                   | A 10            | 0            |   |
| AWG conductor                                   |                 | 26...12      |   |
| Material data                                   |                 |              |   |
| Type of insulation material                     |                 | PBT          |   |
| Flammability class                              |                 | V-0          |   |
| Contact base material                           |                 | Copper alloy |   |
| Material of contact surface                     |                 | tinned       |   |

## BLZ 5.08/90

Can be mounted directly side-by-side without loss of poles.

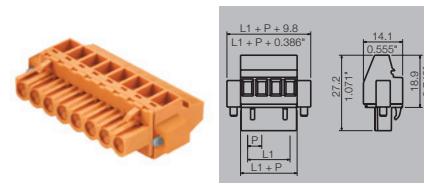


## Ordering data

| Pitch 5.08 mm     |       |         |        |            |            |
|-------------------|-------|---------|--------|------------|------------|
| Colour of plastic |       |         | orange | black      |            |
| Pol.              | L1 mm | (inch)  | Qty.   | Order No.  | Order No.  |
| 2                 | 5.08  | (0.200) | 180    | 1948000000 | 1948240000 |
| 4                 | 15.24 | (0.600) | 90     | 1948020000 | 1948260000 |
| 8                 | 35.56 | (1.400) | 42     | 1948060000 | 1948300000 |
| 12                | 55.88 | (2.200) | 30     | 1948110000 | 1948340000 |
| 16                | 76.20 | (3.000) | 18     | 1948150000 | 1948380000 |

## BLZP 5.08/90F

With screw flange



## Ordering data

| Pitch 5.08 mm     |       |         |        |            |            |
|-------------------|-------|---------|--------|------------|------------|
| Colour of plastic |       |         | orange | black      |            |
| Pol.              | L1 mm | (inch)  | Qty.   | Order No.  | Order No.  |
| 2                 | 5.08  | (0.200) | 90     | 1949800000 | 1950040000 |
| 4                 | 15.24 | (0.600) | 60     | 1949820000 | 1950060000 |
| 8                 | 35.56 | (1.400) | 36     | 1949860000 | 1950100000 |
| 12                | 55.88 | (2.200) | 24     | 1949900000 | 1950140000 |
| 16                | 76.20 | (3.000) | 18     | 1949940000 | 1950180000 |

## IL WMF 2.5 BLZ OR



## Ordering data

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| IL WMF 2.5 BLZ O | 50   | 1167440000 |

## WAD WMF 2.5



## Ordering data

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WAD WMF 2.5 | 50   | 1142970000 |

## FUCR SW



## Ordering data

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| FUCR SW          | 10   | 1167630000 |
| FUCR 10-36V SW   | 10   | 1167640000 |
| FUCR 30-70V SW   | 10   | 1167650000 |
| FUCR 60-150V SW  | 10   | 1167670000 |
| FUCR 100-250V SW | 10   | 1167680000 |

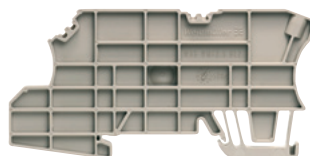
## AP WMF 2.5



## Ordering data

| Type       | Qty. | Order No.  |
|------------|------|------------|
| AP WMF 2.5 | 50   | 1142990000 |

## WBB WMF 2.5 BLZ



## Ordering data

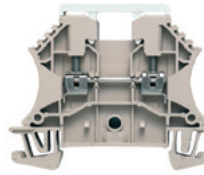
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WBB WMF 2.5 BLZ | 10   | 1142980000 |



## Terminals for temperature measuring circuits

## Thermocouple terminals

WDU 2.5/TC

2.5 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

10.2 x 60 x 50.5  
/ 2.5  
0.13...2.5

IEC 60584, IEC 60947-7-1

Ex e II



II 2 G D

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

| IEC                   | UL       | CSA | EN 60079-7 |
|-----------------------|----------|-----|------------|
|                       |          |     | 55         |
|                       |          |     | 1          |
| 2.5                   |          |     | 2.5        |
|                       | / 3      |     |            |
|                       | A2 / V-0 |     |            |
| SIRA 02ATEX3153 U     |          |     |            |
| Rated connection      |          |     |            |
| 0.5...2.5 / 1.5...2.5 |          |     |            |
| 0.5...2.5 / 0.5...2.5 |          |     |            |
| 0.4...0.6 Nm (M 2.5)  |          |     |            |
| 10 / 0.6 x 3.5 mm     |          |     |            |
| Rated connection      |          |     |            |
| 0.5...1.5             |          |     |            |
| 0.5...1.5 / 0.5...1.5 |          |     |            |
| Note                  |          |     |            |

## Ordering data

| Version |                                         |
|---------|-----------------------------------------|
|         | (NiCr - Ni) type K                      |
|         | (Cu - CuNi) type T                      |
|         | (Fe-CuNi) type J                        |
|         | (Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR |
|         | (Pt 10% Rh - Pt 6% Rh) type B           |
|         | (NiCr - CuNi) type E                    |
|         | (NiSi - Nicrosil) type N                |
| Note    |                                         |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| WDU 2.5/TC TYP K  | 50   | 1024100000 |
| WDU 2.5/TC TYP T  | 50   | 1024200000 |
| WDU 2.5/TC TYP J  | 50   | 1024300000 |
| WDU 2.5/TC TYP SR | 50   | 1024400000 |
| WDU 2.5/TC TYP B  | 50   | 1033700000 |
| WDU 2.5/TC TYP E  | 50   | 1033300000 |
| WDU 2.5/TC TYP N  | 50   | 1041500000 |
| Note              |      |            |

## Accessories

| End plate / Partition plate |                  |
|-----------------------------|------------------|
|                             | Dark beige Wemid |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| WAP 2.5-10           | 1.5 mm | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm | 20   | 1050100000 |
| WEW 35/2             | 8 mm   | 100  | 1061200000 |

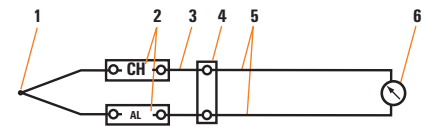
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

|         |
|---------|
| DEK 5/5 |
|---------|

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

## Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply and return conductors
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.

Thermocouple terminals are required for constructing a temperature measuring circuit.

## Technical data

Thermocouples to IEC 584 (DIN 43 710)

|  | Current bar                       |
|--|-----------------------------------|
|  | Cromel<br>Alumel                  |
|  | E-grade copper<br>Constantan      |
|  | Iron<br>Constantan                |
|  | E-grade copper/<br>A-grade copper |
|  | S-grade copper/<br>E-grade copper |
|  | Cromel-<br>Constantan             |

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |

### Note

### Ordering data

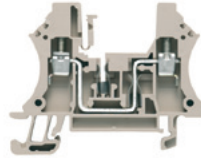
| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

### Accessories

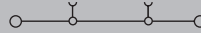
| Intermediate frame |                  |
|--------------------|------------------|
|                    | Thickness 2,5 mm |
| Busbar             |                  |
|                    | 1 m              |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

### WPO 4

4 mm<sup>2</sup>

6 x 60 x 47  
32 / 4  
0.13...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 250      | 300 (D)     | 300 (D)     |
| 32       | 10 (D)      | 10 (D)      |
| 4        | AWG 26...12 | AWG 26...12 |
| 4 kV / 3 |             |             |
| A3 / V-0 |             |             |



### Rated connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |
| 0.5...1 Nm (M 3)    |
| 8 / 0.6 x 3.5 mm    |

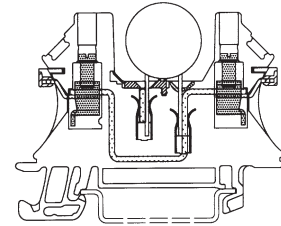
|           |
|-----------|
| 0.5...1.5 |
| 0.5...1.5 |

The tightening torque is 2 Nm when connecting two conductors.

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WPO 4 | 50   | 1036000000 |

| Type              | Width  | Qty. | Order No.  |
|-------------------|--------|------|------------|
| ZR WPO4 DB        | 2.5 mm | 20   | 1071100000 |
| SSCH 7.3X1.2X1000 | 7.3 mm | 1    | 1071200000 |

### WPO 4 with varistor



Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.

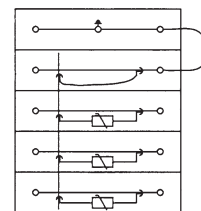
These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:**  
Components can be changed quickly on site.  
Service requires only a visual inspection.
- **Clarity:**  
Components are easy to distinguish.
- **Flexibility:**  
Components can immediately be adapted to changed conditions.

### Note:

Never change electronic components under load!



Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

## Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated cross-section                            | mm <sup>2</sup> |
| Gauge to IEC 60947-1 / Flammability class UL94 |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| Solid / stranded                               | mm <sup>2</sup> |
| Flexible / Flexible with ferrule               | mm <sup>2</sup> |
| Tightening torque range (terminal screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

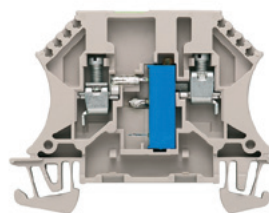
| Version |                       |
|---------|-----------------------|
|         | 10 Ω                  |
|         | 10 kΩ                 |
|         | 100 Ω                 |
|         | 500 Ω                 |
|         | 1 kΩ                  |
|         | 5 kΩ                  |
|         | 50 kΩ                 |
|         | 500 kΩ                |
|         | Without potentiometer |
| Note    |                       |

## Accessories

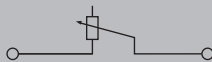
| End plate / Partition plate |                                  |
|-----------------------------|----------------------------------|
|                             | Dark beige Wemid                 |
|                             | Dark beige Wemid                 |
| End bracket                 |                                  |
|                             | Dark beige Wemid                 |
|                             | Dark beige Wemid                 |
| Screwdriver                 |                                  |
|                             | With "swifty set" cutting device |
|                             | Standard                         |
| Shield bus                  |                                  |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

WDUL 4/...

4 mm<sup>2</sup>

6.5 x 60 x 47  
6 / 6  
0.13...6



IEC 60947-7-1

| IEC                 | UL | CSA |
|---------------------|----|-----|
| 4                   |    |     |
| A4 / V-0            |    |     |
| Rated connection    |    |     |
| 0.5...6 / 1.5...6   |    |     |
| 0.5...4 / 0.5...2.5 |    |     |
| 0.8 Nm (M 3)        |    |     |
| 9 / 0.6 x 3.5 mm    |    |     |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| WDUL 4/10   | 10   | 1027000000 |
| WDUL 4/10K  | 10   | 1027700000 |
| WDUL 4/100  | 10   | 1027300000 |
| WDUL 4/500  | 10   | 1027400000 |
| WDUL 4/1K   | 10   | 1027500000 |
| WDUL 4/5K   | 10   | 1027600000 |
| WDUL 4/50K  | 10   | 1027800000 |
| WDUL 4/500K | 10   | 1028000000 |
| WDUL 4      | 10   | 8161820000 |

| Type                 | Width   | Qty. | Order No.  |
|----------------------|---------|------|------------|
| WAP 2.5-10           | 1.5 mm  | 50   | 1050000000 |
| WAP 16+35 WTW 2.5-10 | 1.5 mm  | 20   | 1050100000 |
| WEW 35/2             | 8 mm    | 100  | 1061200000 |
| EW 35                | 8.5 mm  | 50   | 0383560000 |
| SWIFTY SET           | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100      |         | 1    | 9008330000 |
| LS 2.8 WDU2.5-10     | 1.15 mm | 100  | 1056400000 |

## Technical data for the 30-Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 1,2 Ω

Rated output for total resistance: 1 watt at 70 °C

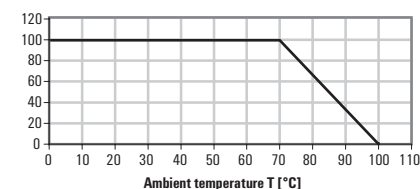
Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Ingress (seal) protection:

- 1) Leak tested in water at 70 °C without bubble formation
- 2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

## Capacity expressed in % of rated load



Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

### Ordering data

| Version |                              |
|---------|------------------------------|
|         | Dark beige Wemid             |
|         | Dark beige Wemid (red LED)   |
|         | Dark beige Wemid (green LED) |
| Note    |                              |

### Accessories

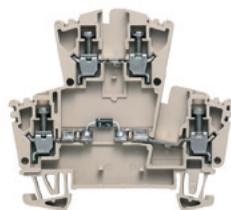
| Screwable cross-connection  |                                  |
|-----------------------------|----------------------------------|
|                             | 2-pole                           |
|                             | 3-pole                           |
|                             | 4-pole                           |
|                             | 10-pole                          |
| End plate / Partition plate |                                  |
|                             | Dark beige Wemid                 |
| End bracket                 |                                  |
|                             | Dark beige Wemid                 |
| Screwdriver                 |                                  |
|                             | With "swifty set" cutting device |
|                             | Standard                         |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

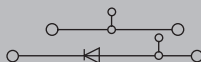
### WDK 2.5/D

2.5 mm<sup>2</sup>

#### Reverse polarity protection



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC | UL          | CSA |
|-----|-------------|-----|
| 0   | 300 (C)     |     |
| 10  | 1 (C)       |     |
| 2.5 | AWG 30...12 |     |
|     | 6 kV / 3    |     |
|     | A3 / V-0    |     |



1000 / 1

#### Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WDK 2.5 1D | 25   | 8025610000 |
|            |      |            |
|            |      |            |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

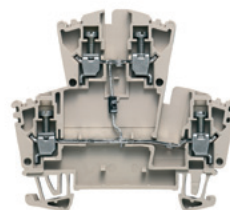
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

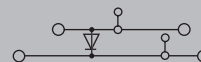
### WDK 2.5/D/1

2.5 mm<sup>2</sup>

#### Suppression circuit e. g. for contactor



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 400 | 300 (C)     | 300 (C)     |
| 10  | 1 (C)       | 1 (C)       |
| 2.5 | AWG 30...12 | AWG 26...12 |
|     | 6 kV / 3    |             |
|     | A3 / V-0    |             |



1000 / 1

#### Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| WDK 2.5 1D A.1 | 25   | 1023400000 |
|                |      |            |
|                |      |            |

2.5 mm<sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

## Terminals with electronic components

Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/A             |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                              |
|---------|------------------------------|
|         | Dark beige Wemid             |
|         | Dark beige Wemid (red LED)   |
|         | Dark beige Wemid (green LED) |
| Note    |                              |

## Accessories

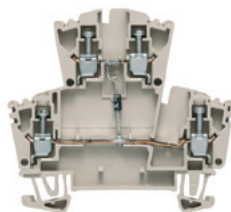
| Screwable cross-connection  |                                  |
|-----------------------------|----------------------------------|
|                             | 2-pole                           |
|                             | 3-pole                           |
|                             | 4-pole                           |
|                             | 10-pole                          |
| End plate / Partition plate |                                  |
|                             | Dark beige Wemid                 |
| End bracket                 |                                  |
|                             | Dark beige Wemid                 |
| Screwdriver                 |                                  |
|                             | With "swifty set" cutting device |
|                             | Standard                         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WDK 2.5/D/2

2.5 mm<sup>2</sup>

## Suppression circuit e. g. for contactor



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (C)     |
| 10       | 1 (C)       | 1 (C)       |
| 2.5      | AWG 30...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



1000 / 1

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 1D A.2                                                                                                                                               | 25   | 1023300000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

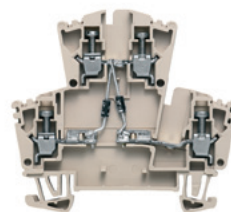
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

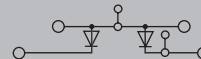
## WDK 2.5/D/4

2.5 mm<sup>2</sup>

## Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC      | UL | CSA |
|----------|----|-----|
| 400      |    |     |
| 10       |    |     |
| 2.5      |    |     |
| 6 kV / 3 |    |     |
| A3 / V-0 |    |     |

1000 / 1

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 2D 1.A                                                                                                                                               | 25   | 8014670000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

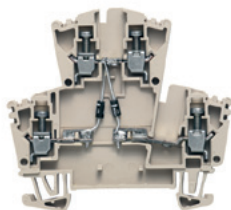
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

## WDK 2.5/D/5

2.5 mm<sup>2</sup>

Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300 (C)     | 300 (D)     |
| 10       | 1 (C)       | 10 (D)      |
| 2.5      | AWG 30...12 | AWG 26...12 |
| 6 kV / 3 |             |             |
| A3 / V-0 |             |             |



1000 / 1

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only. Diode 1 N 4007

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 2D 2.A                                                                                                                                               | 25   | 1022600000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

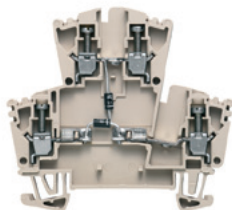
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

## WDK 2.5/D/6

2.5 mm<sup>2</sup>

Lamp test circuits



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC      | UL | CSA         |
|----------|----|-------------|
| 400      |    | 300 (C)     |
| 10       |    | 10 (C)      |
| 2.5      |    | AWG 26...12 |
| 6 kV / 3 |    |             |
| A3 / V-0 |    |             |



1000 / 1

## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 2D                                                                                                                                                   | 25   | 1023500000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

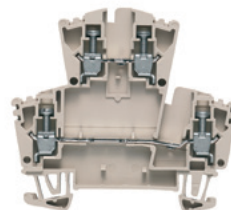
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

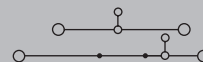
## WDK 2.5/D

2.5 mm<sup>2</sup>

For installing electronic components



5.1 x 69 x 63  
10 / 4  
0.05...4



IEC 60947-7-1

| IEC      | UL          | CSA |
|----------|-------------|-----|
| 400      | 300 (C)     |     |
| 10       | 1 (C)       |     |
| 2.5      | AWG 30...12 |     |
| 6 kV / 3 |             |     |
| A3 / V-0 |             |     |



## Rated connection

0.5...4 / 1.5...4  
0.5...4 / 0.5...2.5  
0.4...0.6 Nm (M 2.5)  
10 / 0.6 x 3.5 mm

Rated current is 10 A for continuous busbars only.

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5/D                                                                                                                                                    | 100  | 1023200000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5



## Terminals with electronic components

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Electronic fixtures                                  |                 |
| Component voltage / Component current                | V/A             |
| Operating voltage for display, max. / Current        | V/mA            |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

## Ordering data

| Version |                              |
|---------|------------------------------|
|         | Dark beige Wemid             |
|         | Dark beige Wemid (red LED)   |
|         | Dark beige Wemid (green LED) |
| Note    |                              |

## Accessories

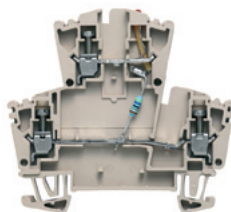
| Screwable cross-connection  |                                  |
|-----------------------------|----------------------------------|
|                             | 2-pole                           |
|                             | 3-pole                           |
|                             | 4-pole                           |
|                             | 10-pole                          |
| End plate / Partition plate |                                  |
|                             | Dark beige Wemid                 |
| End bracket                 |                                  |
|                             | Dark beige Wemid                 |
| Screwdriver                 |                                  |
|                             | With "swifty set" cutting device |
|                             | Standard                         |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

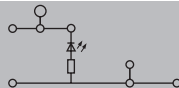
## WDK 2.5 LD +-

2.5 mm<sup>2</sup>

DC voltage indicator + / -



5.1 x 69 x 63  
10 / 4  
0.13...4



IEC 60947-7-1

| IEC                  | UL         | CSA |
|----------------------|------------|-----|
| 24                   |            |     |
| 2.5                  |            |     |
|                      | 0.8 kV / 3 |     |
|                      | A3 / V-0   |     |
|                      |            |     |
| 24 / 5               |            |     |
| Rated connection     |            |     |
| 0.5...4 / 1.5...4    |            |     |
| 0.5...4 / 0.5...2.5  |            |     |
| 0.4...0.6 Nm (M 2.5) |            |     |
| 10 / 0.6 x 3.5 mm    |            |     |
|                      |            |     |

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 LD RT 24VDC +-                                                                                                                                       | 25   | 1023600000 |
| WDK 2.5 LD/GN 1R 24VDC                                                                                                                                       | 25   | 8023610000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

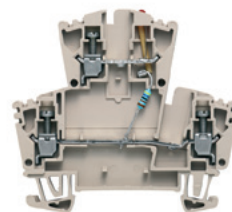
| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
|                 |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5

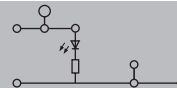
## WDK 2.5 LD - +

2.5 mm<sup>2</sup>

DC voltage indicator - / +



5.1 x 69 x 63  
10 / 4  
0.13...4



IEC 60947-7-1

| IEC                 | UL         | CSA |
|---------------------|------------|-----|
| 24                  |            |     |
| 2.5                 |            |     |
|                     | 0.8 kV / 3 |     |
|                     | A3 / V-0   |     |
|                     |            |     |
| 24 / 5              |            |     |
| Rated connection    |            |     |
| 0.5...4 / 1.5...4   |            |     |
| 0.5...4 / 0.5...2.5 |            |     |
| 0.4...0.6 Nm        |            |     |
| 10 / 0.6 x 3.5 mm   |            |     |
|                     |            |     |

| Type                                                                                                                                                         | Qty. | Order No.  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| WDK 2.5 LD RT 24VDC - +                                                                                                                                      | 25   | 8023630000 |
| WDK 2.5 LD GR 1R 24VDC                                                                                                                                       | 25   | 8010040000 |
| 2.5 mm <sup>2</sup> wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). |      |            |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQV 2.5/2       | 32 A    | 50   | 1053660000 |
| WQV 2.5/3       | 32 A    | 50   | 1053760000 |
| WQV 2.5/4       | 32 A    | 50   | 1053860000 |
| WQV 2.5/10      | 32 A    | 20   | 1054460000 |
| Width           |         |      |            |
| WAP WDK2.5      | 1.5 mm  | 20   | 1059100000 |
|                 |         |      |            |
| WEW 35/2        | 8 mm    | 100  | 1061200000 |
|                 |         |      |            |
| SWIFTY SET      | 18 mm   | 1    | 9006060000 |
| SDS 0.6X3.5X100 |         | 1    | 9008330000 |

DEK 5/5 / WS 8/5



## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

## WPDB 16/6 3/4

16/6 mm<sup>2</sup>

16 mm<sup>2</sup> ○ ○ ○ ——— ○ ○ ○ 6 mm<sup>2</sup>

## WPDB 35-16/16 1-1/6

35/6 mm<sup>2</sup>

16 mm<sup>2</sup> ○ ——— 35 mm<sup>2</sup> ○ ○ ○ 16 mm<sup>2</sup> ○ ○ ○ 16 mm<sup>2</sup>

## Technical data

|                                                            |                  |
|------------------------------------------------------------|------------------|
| Max. current                                               |                  |
| <b>Dimensions</b>                                          |                  |
| Width / Length / Height (mm)                               | with TS 35 x 7.5 |
| Weight                                                     |                  |
| <b>IEC rated 60 947-7-1</b>                                |                  |
| Rated voltage                                              | V                |
| Rated current                                              | A                |
| Rated cross-section in-/output                             | mm <sup>2</sup>  |
| Rated impulse voltage / Pollution severity                 |                  |
| UL94 Flammability Class                                    |                  |
| <b>Further technical data</b>                              |                  |
| Short-circuit strength (peak value)                        | kA               |
| Short-circuit strength > 1 s                               | kA               |
| <b>Inputs</b>                                              |                  |
| No. of connections                                         |                  |
| Clampable conductors:                                      |                  |
| „e“ solid H07V-U                                           | mm <sup>2</sup>  |
| „m“ stranded H07V-R                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1       | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm <sup>2</sup>  |
| Diameter                                                   | mm               |
| Tightening torque                                          | Nm               |
| Clamping screw                                             |                  |
| Blade size                                                 |                  |
| Stripping length                                           | mm               |
| <b>Outputs</b>                                             |                  |
| No. of connections                                         |                  |
| Clampable conductors:                                      |                  |
| „e“ solid H07V-U                                           | mm <sup>2</sup>  |
| „m“ stranded H07V-R                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1       | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm <sup>2</sup>  |
| Diameter                                                   | mm               |
| Tightening torque                                          | Nm               |
| Clamping screw                                             |                  |
| Blade size                                                 |                  |
| Stripping length                                           | mm               |
| <b>UL/CSA rated data</b>                                   |                  |
| Voltage/current/conductor size                             | UL               |
| Voltage/current/conductor size                             | CSA              |

|                   |   |   |
|-------------------|---|---|
| 80 A              |   |   |
| 27 x 66 x 47 (50) |   |   |
| 63 g              |   |   |
| 690               |   |   |
| 80                |   |   |
| 16 / 16-6         |   |   |
| 2.5 KV / 3        |   |   |
| V-0               |   |   |
| 22                |   |   |
| 3                 |   |   |
| A                 | B | C |
| 1                 |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 7                 |   |   |
| 1.5 ... 3         |   |   |
| M5                |   |   |
| PZ2               |   |   |
| 12 ... 18         |   |   |
| A                 | B | C |
| 2                 | 4 |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 7                 |   |   |
| 1.5 ... 3         |   |   |
| M5                |   |   |
| PZ2               |   |   |
| 9 ... 12          |   |   |
| 12 ... 18         |   |   |

|                   |            |   |
|-------------------|------------|---|
| 125 A             |            |   |
| 27 x 74 x 47 (50) |            |   |
| 134 g             |            |   |
| 690               |            |   |
| 125               |            |   |
| 35-16 / 16        |            |   |
| 2.5 KV / 3        |            |   |
| V-0               |            |   |
| 30                |            |   |
| 4.2               |            |   |
| A                 | B          | C |
| 1                 | 1          |   |
| 10 ... 35         | 2.5 ... 16 |   |
| 10 ... 35         | 2.5 ... 16 |   |
| 10 ... 35         | 2.5 ... 16 |   |
| 10 ... 35         | 2.5 ... 16 |   |
| 10 ... 35         | 2.5 ... 16 |   |
| 10                | 7          |   |
| 3.5 ... 5         | 3.5 ... 5  |   |
| M8                | M6         |   |
| M4                | M4         |   |
| 14 ... 15         | 10 ... 12  |   |
| A                 | B          | C |
| 6                 |            |   |
| 2.5 ... 16        |            |   |
| 2.5 ... 16        |            |   |
| 2.5 ... 16        |            |   |
| 2.5 ... 16        |            |   |
| 2.5 ... 16        |            |   |
| 6.5               |            |   |
| 2 ... 3           |            |   |
| M5                |            |   |
| PZ2               |            |   |
| 10 ... 12         |            |   |

## Ordering data

|         |                  |
|---------|------------------|
| Version | dark beige Wemid |
|---------|------------------|

|               |      |            |
|---------------|------|------------|
| Type          | Qty. | Order No.  |
| WPDB 16/6 3/4 | 1    | 1939440000 |

|                     |      |            |
|---------------------|------|------------|
| Type                | Qty. | Order No.  |
| WPDB 35-16/16 1-1/6 | 1    | 1939450000 |

## Accessories

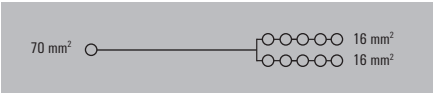
|                                      |  |
|--------------------------------------|--|
| <b>Screwdrivers</b>                  |  |
| Crosshead screwdriver, Pozidriv type |  |
| Crosshead screwdriver, Pozidriv type |  |
| 7-piece hexagon wrench set           |  |
| <b>Labelling systems</b>             |  |
| Marking labels                       |  |

|                    |      |            |
|--------------------|------|------------|
| Type               | Qty. | Order No.  |
| SDK PZ1            | 1    | 9008530000 |
| SDK PZ2            | 1    | 9008540000 |
| SK-S 2.0-8.0       | 1    | 9008860000 |
|                    |      |            |
| LM MT300 15 x 9 GE | 1    | 1882890000 |

|                    |      |            |
|--------------------|------|------------|
| Type               | Qty. | Order No.  |
| SDK PZ2            | 1    | 9008540000 |
| SK-S 2.0-8.0       | 1    | 9008860000 |
|                    |      |            |
| LM MT300 15 x 9 GE | 1    | 1882890000 |

WPDB 70/16 1/10

70/16 mm<sup>2</sup>

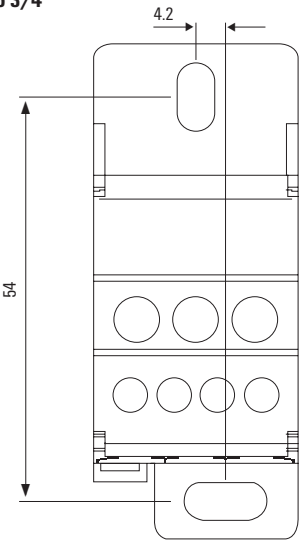


|                   |   |   |
|-------------------|---|---|
| 175 A             |   |   |
| 45 x 71 x 43 (46) |   |   |
| 228 g             |   |   |
| 690               |   |   |
| 175               |   |   |
| 70 / 16           |   |   |
| 2.5 KV / 3        |   |   |
| V-0               |   |   |
| 22                |   |   |
| 3                 |   |   |
| A                 | B | C |
| 1                 |   |   |
| 16 ... 70         |   |   |
| 16 ... 70         |   |   |
| 16 ... 50         |   |   |
| 16 ... 50         |   |   |
| 16 ... 50         |   |   |
| 12                |   |   |
| 5                 |   |   |
| M10               |   |   |
| M5                |   |   |
| 15 ... 16         |   |   |
| A                 | B | C |
| 10                |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 2.5 ... 16        |   |   |
| 6                 |   |   |
| 3                 |   |   |
| M6                |   |   |
| M3                |   |   |
| 10 ... 12         |   |   |
|                   |   |   |
|                   |   |   |
|                   |   |   |

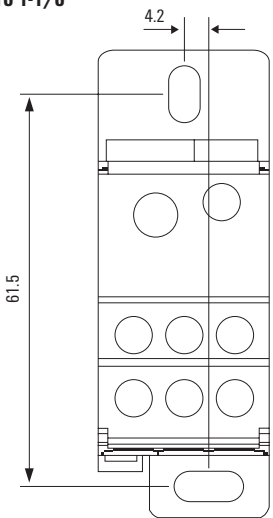
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WPDB 70/16 1/10 | 1    | 1939460000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| SK-S 2.0-8.0       | 1    | 9008860000 |
| LM MT300 15 x 9 GE | 1    | 1882890000 |

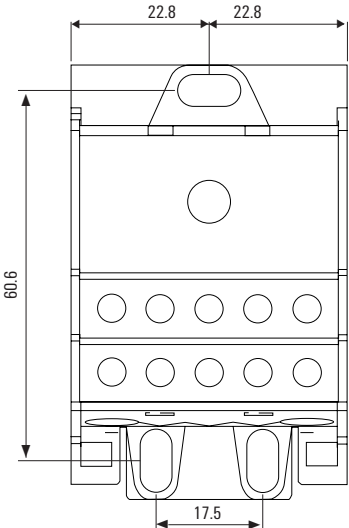
WPDB 16/6 3/4



WPDB 35-16/16 1-1/6



WPDB 70/16 1/10



## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

## WPDB 120/35-16-10 1/2-5-4

120/35 mm<sup>2</sup>

## WPDB 185/35-16-10 1/2-5-4

185/35 mm<sup>2</sup>

## Technical data

|                                                            |                  |
|------------------------------------------------------------|------------------|
| Max. current                                               |                  |
| <b>Dimensions</b>                                          |                  |
| Width / Length / Height (mm)                               | with TS 35 x 7.5 |
| Weight                                                     |                  |
| <b>IEC rated 60 947-7-1</b>                                |                  |
| Rated voltage                                              | V                |
| Rated current                                              | A                |
| Rated cross-section in-/output                             | mm <sup>2</sup>  |
| Rated impulse voltage / Pollution severity                 |                  |
| UL94 Flammability Class                                    |                  |
| <b>Further technical data</b>                              |                  |
| Short-circuit strength (peak value)                        | kA               |
| Short-circuit strength > 1 s                               | kA               |
| <b>Inputs</b>                                              |                  |
| No. of connections                                         |                  |
| Clampable conductors:                                      |                  |
| „e“ solid H07V-U                                           | mm <sup>2</sup>  |
| „m“ stranded H07V-R                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1       | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm <sup>2</sup>  |
| Diameter                                                   | mm               |
| Tightening torque                                          | Nm               |
| Clamping screw                                             |                  |
| Blade size                                                 |                  |
| Stripping length                                           | mm               |
| <b>Outputs</b>                                             |                  |
| No. of connections                                         |                  |
| Clampable conductors:                                      |                  |
| „e“ solid H07V-U                                           | mm <sup>2</sup>  |
| „m“ stranded H07V-R                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1       | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm <sup>2</sup>  |
| Diameter                                                   | mm               |
| Tightening torque                                          | Nm               |
| Clamping screw                                             |                  |
| Blade size                                                 |                  |
| Stripping length                                           | mm               |
| <b>UL/CSA rated data</b>                                   |                  |
| Voltage/current/conductor size                             | UL               |
| Voltage/current/conductor size                             | CSA              |

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 250 A              |                    |                    |
| 44 x 96 x 50 (53)  |                    |                    |
| 434 g              |                    |                    |
| 690                |                    |                    |
| 250                |                    |                    |
| 120 / 35-16-10     |                    |                    |
| 2.5 KV / 3         |                    |                    |
| V-0                |                    |                    |
| 51                 |                    |                    |
| 24.5               |                    |                    |
| A                  | B                  | C                  |
| 1                  |                    |                    |
| 35 ... 120         |                    |                    |
| 35 ... 120         |                    |                    |
| 35 ... 120         |                    |                    |
| 35 ... 70          |                    |                    |
| 35 ... 70          |                    |                    |
| 15                 |                    |                    |
| 19                 |                    |                    |
| M14                |                    |                    |
| M6                 |                    |                    |
| 27 ... 29          |                    |                    |
| A                  | B                  | C                  |
| 2                  | 5                  | 4                  |
| 6 ... 35           |                    |                    |
| 6 ... 35           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 35           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 35           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 25           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 25           | 1.5 ... 16         | 1.5 ... 10         |
| 9                  | 6.5                | 6                  |
| 3.5                | 2                  | 2                  |
| M8                 | M6                 | M6                 |
| SD 1.0 x 5.5 x 150 | SD 0.8 x 4.5 x 125 | SD 0.8 x 4.5 x 125 |
| 10 ... 12          | 10 ... 12          | 10 ... 12          |

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| 400 A              |                    |                    |
| 44 x 96 x 50 (53)  |                    |                    |
| 414 g              |                    |                    |
| 690                |                    |                    |
| 400                |                    |                    |
| 185 / 35-16-10     |                    |                    |
| 2.5 KV / 3         |                    |                    |
| V-0                |                    |                    |
| 51                 |                    |                    |
| 24.5               |                    |                    |
| A                  | B                  | C                  |
| 1                  |                    |                    |
| 95 ... 185         |                    |                    |
| 95 ... 185         |                    |                    |
| 95 ... 185         |                    |                    |
| 95 ... 120         |                    |                    |
| 95 ... 120         |                    |                    |
| 19                 |                    |                    |
| 25                 |                    |                    |
| M16                |                    |                    |
| M8                 |                    |                    |
| 27 ... 29          |                    |                    |
| A                  | B                  | C                  |
| 2                  | 5                  | 4                  |
| 6 ... 35           |                    |                    |
| 6 ... 35           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 35           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 25           | 1.5 ... 16         | 1.5 ... 10         |
| 6 ... 25           | 1.5 ... 16         | 1.5 ... 10         |
| 9                  | 6.5                | 6                  |
| 3.5                | 2                  | 2                  |
| M8                 | M6                 | M6                 |
| SD 1.0 x 5.5 x 150 | SD 0.8 x 4.5 x 125 | SD 0.8 x 4.5 x 125 |
| 10 ... 12          | 10 ... 12          | 10 ... 12          |

## Ordering data

|                |                  |
|----------------|------------------|
| <b>Version</b> |                  |
|                | dark beige Wemid |

|                           |             |                  |
|---------------------------|-------------|------------------|
| <b>Type</b>               | <b>Qty.</b> | <b>Order No.</b> |
| WPDB 120/35-16-10 1/2-5-4 | 1           | 1939470000       |

|                           |             |                  |
|---------------------------|-------------|------------------|
| <b>Type</b>               | <b>Qty.</b> | <b>Order No.</b> |
| WPDB 185/35-16-10 1/2-5-4 | 1           | 1939480000       |

## Accessories

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Screwdrivers</b>      |                                      |
|                          | Crosshead screwdriver, Pozidriv type |
|                          | Crosshead screwdriver, Pozidriv type |
|                          | 7-piece hexagon wrench set           |
| <b>Labelling systems</b> |                                      |
|                          | Marking labels                       |

|                    |             |                  |
|--------------------|-------------|------------------|
| <b>Type</b>        | <b>Qty.</b> | <b>Order No.</b> |
| SD 1.0 x 5.5 x 150 | 1           | 9008350000       |
| SD 0.8 x 4.5 x 125 | 1           | 9009020000       |
| SK-S 2.0-8.0       | 1           | 9008860000       |
| LM MT300 15 x 9 GE | 1           | 1882890000       |

|                    |             |                  |
|--------------------|-------------|------------------|
| <b>Type</b>        | <b>Qty.</b> | <b>Order No.</b> |
| SD 1.0 x 5.5 x 150 | 1           | 9008350000       |
| SD 0.8 x 4.5 x 125 | 1           | 9009020000       |
| SK-S 2.0-8.0       | 1           | 9008860000       |
| LM MT300 15 x 9 GE | 1           | 1882890000       |

WPDB 3 x 70/16 1/6 70/16 mm²



|                   |
|-------------------|
| 175 A             |
| 71 x 74 x 43 (46) |
| 386 g             |
| 690               |
| 175               |
| 70 / 16           |
| 2.5 KV / 3        |
| V-0               |

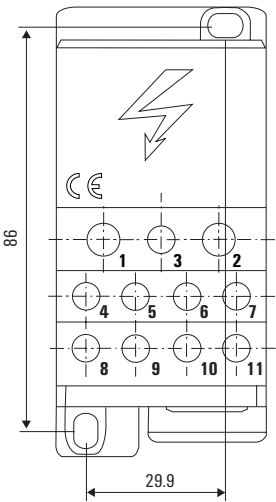
| A         | B | C |
|-----------|---|---|
| 3 x 1     |   |   |
| 16 ... 70 |   |   |
| 16 ... 70 |   |   |
| 16 ... 70 |   |   |
| 16 ... 50 |   |   |
| 16 ... 50 |   |   |
| 12        |   |   |
| 5         |   |   |
| M10       |   |   |
| M5        |   |   |
| 15 ... 16 |   |   |

| A          | B | C |
|------------|---|---|
| 3 x 6      |   |   |
| 2.5 ... 16 |   |   |
| 2.5 ... 16 |   |   |
| 2.5 ... 16 |   |   |
| 2.5 ... 16 |   |   |
| 2.5 ... 16 |   |   |
| 6          |   |   |
| 3          |   |   |
| M6         |   |   |
| M3         |   |   |
| 10 ... 12  |   |   |

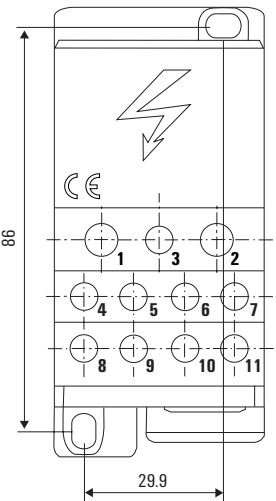
| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| WPDB 3 x 70/16 1/6 | 1    | 1939490000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| SK-S 2.0-8.0       | 1    | 9008860000 |
| LM MT300 15 x 9 GE | 1    | 1882890000 |

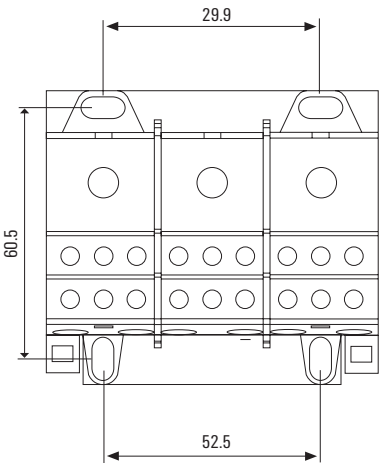
WPDB 120/35-16-10 1/2-5-4



WPDB 185/35-16-10 1/2-5-4



WPDB 3 x 70/16 1/6



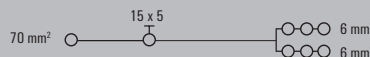
## Power distribution blocks WPDB

- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

## WPDB 70/16 1/6

70/16 mm<sup>2</sup>

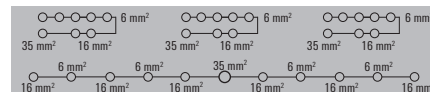
With distribution for busbars (parallel connection)  
15 x 5 mm



## WPDB 35/16/6/N 1/2/5/11

35/16/6/N mm<sup>2</sup>

Three-phase power-supply block with neutral-conductor busbar



## Technical data

|                                                            |                  |
|------------------------------------------------------------|------------------|
| <b>Max. current</b>                                        |                  |
| <b>Dimensions</b>                                          |                  |
| Width / Length / Height (mm)                               | with TS 35 x 7.5 |
| Weight                                                     |                  |
| <b>IEC rated 60 947-7-1</b>                                |                  |
| Rated voltage                                              | V                |
| Rated current                                              | A                |
| Rated cross-section in-/output                             | mm <sup>2</sup>  |
| Rated impulse voltage / Pollution severity                 |                  |
| UL94 Flammability Class                                    |                  |
| <b>Further technical data</b>                              |                  |
| Short-circuit strength (peak value)                        | kA               |
| Short-circuit strength > 1 s                               | kA               |
| <b>Inputs</b>                                              |                  |
| No. of connections                                         |                  |
| Clampable conductors:                                      |                  |
| „e“ solid H07V-U                                           | mm <sup>2</sup>  |
| „m“ stranded H07V-R                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1       | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm <sup>2</sup>  |
| Diameter                                                   | mm               |
| Tightening torque                                          | Nm               |
| Clamping screw                                             |                  |
| Blade size                                                 |                  |
| Stripping length                                           | mm               |
| <b>Outputs</b>                                             |                  |
| No. of connections                                         |                  |
| Clampable conductors:                                      |                  |
| „e“ solid H07V-U                                           | mm <sup>2</sup>  |
| „m“ stranded H07V-R                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K                                        | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1       | mm <sup>2</sup>  |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm <sup>2</sup>  |
| Diameter                                                   | mm               |
| Tightening torque                                          | Nm               |
| Clamping screw                                             |                  |
| Blade size                                                 |                  |
| Stripping length                                           | mm               |
| <b>UL/CSA rated data</b>                                   |                  |
| Voltage/current/conductor size                             | UL               |
| Voltage/current/conductor size                             | CSA              |

|                   |                |          |
|-------------------|----------------|----------|
| 160 A             |                |          |
| 35 x 92 x 50 (53) |                |          |
| 238 g             |                |          |
| 690               |                |          |
| 160               |                |          |
| 70 / 16           |                |          |
| 2.5 KV / 3        |                |          |
| V-0               |                |          |
| 30                |                |          |
| 11.8              |                |          |
| <b>A</b>          | <b>B</b>       | <b>C</b> |
| 1                 |                |          |
| 10 ... 70         |                |          |
| 10 ... 70         |                |          |
| 10 ... 70         |                |          |
| 10 ... 50         |                |          |
| 10 ... 50         |                |          |
| 13                |                |          |
| 4                 |                |          |
| M10               |                |          |
| M5                |                |          |
| 19 ... 23         |                |          |
| <b>A</b>          | <b>busbar</b>  | <b>C</b> |
| 6                 | 16 x 5 mm max. |          |
| 2.5 ... 16        |                |          |
| 2.5 ... 16        |                |          |
| 2.5 ... 16        |                |          |
| 2.5 ... 16        |                |          |
| 2.5 ... 16        |                |          |
| 6                 |                |          |
| 2                 | 3              |          |
| M5                | M6             |          |
| PZ2               | M5             |          |
| 10 ... 12         |                |          |

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| 125 A                |                      |                      |
| 98 x 74 x 50 (53)    |                      |                      |
| 314 g                |                      |                      |
| 690                  |                      |                      |
| 125                  |                      |                      |
| 35 / 16              |                      |                      |
| 2.5 KV / 3           |                      |                      |
| V-0                  |                      |                      |
| 30                   |                      |                      |
| 11.8                 |                      |                      |
| <b>A</b>             | <b>B</b>             | <b>C</b>             |
| 3 x 1                | 3 x 5                | 3 x 2                |
| 6 ... 35             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 35             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 35             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 25             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 25             | 1.5 ... 6            | 1.5 ... 16           |
| 9                    | 5                    | 7                    |
| 1.5                  | 0.8                  | 1.5                  |
| M5                   | M4                   | M5                   |
| PZ2                  | PZ1                  | PZ2                  |
| 12 ... 18            | 9 ... 12             | 12 ... 18            |
| <b>neutral cond.</b> | <b>neutral cond.</b> | <b>neutral cond.</b> |
| 1                    | 4                    | 6                    |
| 6 ... 35             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 35             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 35             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 25             | 1.5 ... 6            | 1.5 ... 16           |
| 6 ... 25             | 1.5 ... 6            | 1.5 ... 16           |
| 9                    | 5                    | 7                    |
| 1.5                  | 0.8                  | 1.5                  |
| M5                   | M4                   | M5                   |
| PZ2                  | PZ1                  | PZ2                  |
| 12 ... 18            | 9 ... 12             | 12 ... 18            |

## Ordering data

|                |                  |
|----------------|------------------|
| <b>Version</b> |                  |
|                | dark beige Wemid |

|                |             |                  |
|----------------|-------------|------------------|
| <b>Type</b>    | <b>Qty.</b> | <b>Order No.</b> |
| WPDB 70/16 1/6 | 1           | 1939500000       |

|                         |             |                  |
|-------------------------|-------------|------------------|
| <b>Type</b>             | <b>Qty.</b> | <b>Order No.</b> |
| WPDB 35/16/6/N 1/2/5/11 | 1           | 1939510000       |

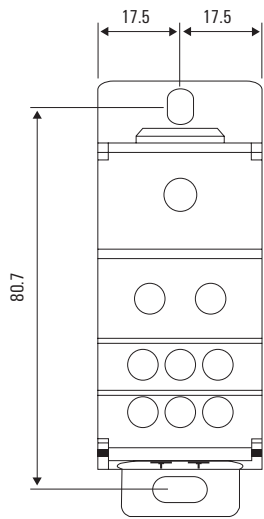
## Accessories

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Screwdrivers</b>      |                                      |
|                          | Crosshead screwdriver, Pozidriv type |
|                          | Crosshead screwdriver, Pozidriv type |
|                          | 7-piece hexagon wrench set           |
| <b>Labelling systems</b> |                                      |
|                          | Marking labels                       |

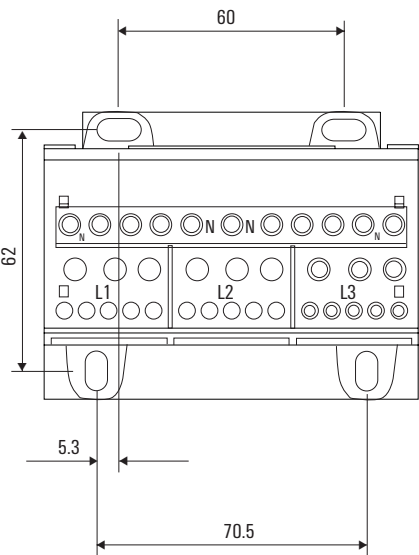
|                    |             |                  |
|--------------------|-------------|------------------|
| <b>Type</b>        | <b>Qty.</b> | <b>Order No.</b> |
| SDK PZ2            | 1           | 9008540000       |
| SK-S 2.0-8.0       | 1           | 9008860000       |
| LM MT300 15 x 9 GE | 1           | 1882890000       |

|                    |             |                  |
|--------------------|-------------|------------------|
| <b>Type</b>        | <b>Qty.</b> | <b>Order No.</b> |
| SDK PZ1            | 1           | 9008530000       |
| SDK PZ2            | 1           | 9008540000       |
| LM MT300 15 x 9 GE | 1           | 1882890000       |

WPDB 70/16 1/6



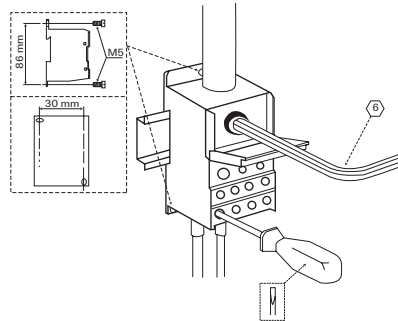
WPDB 35/16/6/N 1/2/5/11



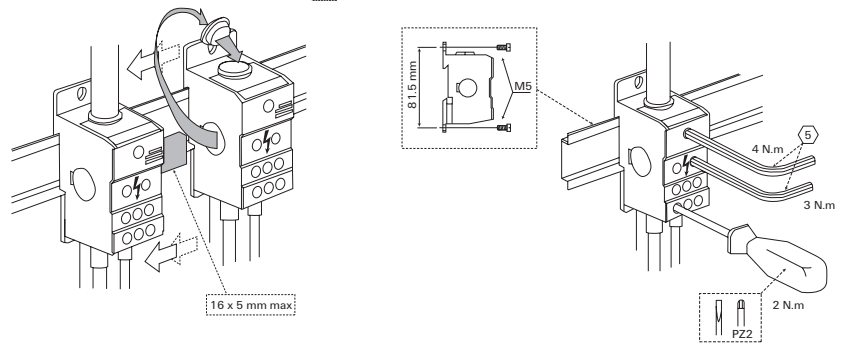


# Assembly instructions

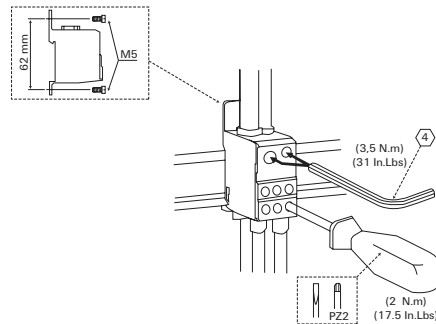
## WPDB 120/35-16-10 1/2-5-4 and WPDB 185/35-16-10 1/2-5-4



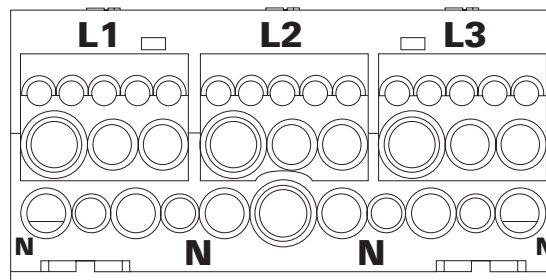
## WPDB 70/16 1/6



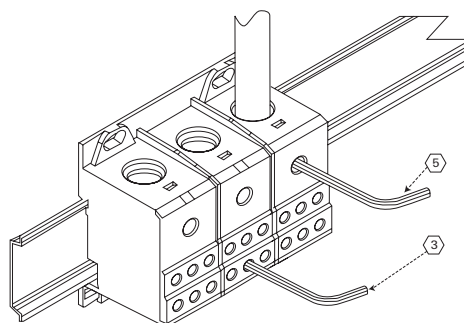
## WPDB 35-16/16 1-1/6



## WPDB 35/16/6/N 1/2/5/11



## WPDB 3x70/16 1/6





## Mini terminals TS 15

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS15x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                   |
|---------|-------------------|
|         | beige (PA)        |
|         | Blue (PA)         |
|         | green/yellow (PA) |
| Note    |                   |

## Accessories

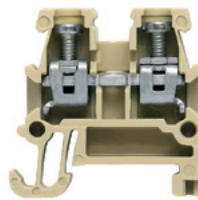
| Screwable cross-connection                                                          |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
|                                                                                     | 10-pole          |
| External cross-connection                                                           |                  |
|                                                                                     | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
| End plate / Partition plate                                                         |                  |
|                                                                                     | Dark beige Wemid |
|                                                                                     | Blue Wemid       |
|                                                                                     | Dark beige Wemid |
| End bracket                                                                         |                  |
|                                                                                     | Dark beige Wemid |
| Testing / Checking                                                                  |                  |
|                                                                                     | Test plug        |
|                                                                                     | Socket           |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## AKZ 1.5

1.5 mm<sup>2</sup>

## Feed-through terminal



|                 |  |
|-----------------|--|
| 5.1 x 24.8 x 26 |  |
| 24 / 2.5        |  |
| 0.21...2.5      |  |

| IEC 60947-7-1                                                                     |             | II 2 G D    |
|-----------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                               | UL          | CSA         |
| 250                                                                               | 150 (C)     | 300 (C)     |
| 17.5                                                                              | 15 (C)      | 10 (C)      |
| 1.5                                                                               | AWG 22...14 | AWG 24...16 |
| 4 kV / 3                                                                          |             |             |
| A1 / V-2                                                                          |             |             |
|  |             |             |
| Rated connection                                                                  |             |             |
| 0.5...2.5 / 1.5...1.5                                                             |             |             |
| 0.5...1.5 / 0.5...1.5                                                             |             |             |
| 0.4...0.6 (M 2.5)                                                                 |             |             |
| 7 / 3.0 x 0.5 mm                                                                  |             |             |
| 0.5...1                                                                           |             |             |

| Type                                                                                         | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------|------|------------|
| AKZ 1.5                                                                                      | 100  | 0340460000 |
| AKZ 1.5 BL                                                                                   | 100  | 0340480000 |
| AKZ 1.5 Order no. 0340460000 and 0340480000 in PA with flammability rating acc. to UL94/V-2. |      |            |

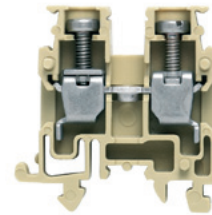
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ1.5              | 24 A    | 50   | 0368200000 |
| Q 3 AKZ1.5              | 24 A    | 50   | 0368300000 |
| Q 4 AKZ1.5              | 24 A    | 50   | 0368400000 |
| Q 10 AKZ1.5             | 24 A    | 20   | 0368500000 |
| Width                   |         |      |            |
| AP AKZ1.5               | 1.5 mm  | 50   | 0340560000 |
| AP AKZ1.5 BL            | 1.5 mm  | 50   | 0340580000 |
| EW 15                   |         |      |            |
| EW 15                   | 10 mm   | 50   | 0382860000 |
| PS 2.3 RT               |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         |      |            |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | DEK 5/5                         |
| Note                   |                                 |

## AKZ 2.5

2.5 mm<sup>2</sup>

## Feed-through terminal



|                   |  |
|-------------------|--|
| 5.1 x 25.5 x 27.1 |  |
| 32 / 4            |  |
| 0.13...4          |  |

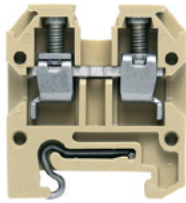
| IEC 60947-7-1                                                                       |             | Ex e II           |  II 2 G D |
|-------------------------------------------------------------------------------------|-------------|-------------------|----------------------------------------------------------------------------------------------|
| IEC                                                                                 | UL          | CSA               | EN 60079-7                                                                                   |
| 250                                                                                 | 300 (D)     | 300 (C)           | 176                                                                                          |
| 24                                                                                  | 10 (D)      | 10 (C)            | 15                                                                                           |
| 2.5                                                                                 | AWG 22...12 | AWG 26...10       | 2.5                                                                                          |
| 4 kV / 3                                                                            |             |                   |                                                                                              |
| A3 / V-2                                                                            |             |                   |                                                                                              |
|  |             | SIRA 02ATEX3001 U |                                                                                              |
| Rated connection                                                                    |             |                   |                                                                                              |
| 0.5...4 / 1.5...2.5                                                                 |             |                   |                                                                                              |
| 0.5...2.5 / 0.5...2.5                                                               |             |                   |                                                                                              |
| 0.4...0.6 (M 2.5)                                                                   |             |                   |                                                                                              |
| 7 / 3.0 x 0.5 mm                                                                    |             |                   |                                                                                              |
| 0.5...1.5                                                                           |             |                   |                                                                                              |

| Type                                                                                         | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------|------|------------|
| AKZ 2.5                                                                                      | 100  | 0697160000 |
| AKZ 2.5 BL                                                                                   | 100  | 0697180000 |
| AKZ 2.5 Order no. 0697160000 and 0697180000 in PA with flammability rating acc. to UL94/V-2. |      |            |

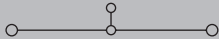
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ1.5              | 24 A    | 50   | 0368200000 |
| Q 3 AKZ1.5              | 24 A    | 50   | 0368300000 |
| Q 4 AKZ1.5              | 24 A    | 50   | 0368400000 |
| Q 10 AKZ1.5             | 24 A    | 20   | 0368500000 |
| Width                   |         |      |            |
| AP AKZ2.5               | 2.5 mm  | 50   | 0697360000 |
| AP AKZ2.5 BL            | 2.5 mm  | 50   | 0697380000 |
| TW AKZ2.5               | 1.5 mm  | 20   | 0318560000 |
| EW 15                   |         |      |            |
| EW 15                   | 10 mm   | 50   | 0382860000 |
| PS 2.3 RT               |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         |      |            |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | DEK 5/5                         |
| Note                   |                                 |

## AKZ 4

4 mm<sup>2</sup>

6.1 x 27 x 30.5  
41 / 6  
0.13...6



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 400 | 300 (C)     | 300 (C)     | 275        |
| 32  | 27 (C)      | 10 (C)      | 21         |
| 4   | AWG 22...12 | AWG 24...12 | 4          |

6 kV / 3

A3 / V-2

SIRA 02ATEX3001 U

## Rated connection

0.5...6 / 1.5...4

0.5...4 / 0.5...2.5

0.6...0.8 (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

## AKE 2.5

2.5 mm<sup>2</sup>

PE terminal



5.1 x 28 x 28  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 2.5      | AWG 22...12 | AWG 26...12 | 2.5        |
| / 3      |             |             |            |
| A3 / V-2 |             |             |            |

SIRA 02ATEX3001 U

## Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...2.5

0.4...0.6 (M 2.5)

7 / 3.0 x 0.5 mm

...4

## AKE 4

4 mm<sup>2</sup>

PE terminal



7 x 32 x 34.5  
/ 4  
0.13...4



IEC 60947-7-2

Ex e II II 2 G D

| IEC      | UL          | CSA         | EN 60079-7 |
|----------|-------------|-------------|------------|
| 4        | AWG 22...12 | AWG 26...12 | 4          |
| / 3      |             |             |            |
| A3 / V-2 |             |             |            |

SIRA 02ATEX3001 U

## Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...1 (M 3)

9 / 0.6 x 3.5 mm

...4

| Type     | Qty. | Order No.  |
|----------|------|------------|
| AKZ 4    | 100  | 0294360000 |
| AKZ 4 BL | 100  | 0294380000 |

AKZ 4 Order no. 0294360000 and 0294380000 made of PA with flammability class acc. to UL94/V-2.

| Type    | Qty. | Order No.  |
|---------|------|------------|
| AKE 2.5 | 100  | 1303360000 |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| AKE 4 | 100  | 0380260000 |

| Type      | current | Qty. | Order No.  |
|-----------|---------|------|------------|
| Q 2 AKZ4  | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4  | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4  | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4 | 32 A    | 20   | 0368600000 |

| Width                   |        |    |            |
|-------------------------|--------|----|------------|
| AP AKZ4                 | 1.5 mm | 20 | 0294460000 |
| AP AKZ4 BL              | 1.5 mm | 20 | 0294480000 |
| TW AKZ4                 | 0.6 mm | 50 | 0348260000 |
| EW 15                   | 10 mm  | 50 | 0382860000 |
| PS 2.3 RT               | 5.4 mm | 20 | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |        | 50 | 0215700000 |

| Type | current | Qty. | Order No. |
|------|---------|------|-----------|
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |

| Type | current | Qty. | Order No. |
|------|---------|------|-----------|
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |
|      |         |      |           |

DEK 5/6

DEK 5/5

DEK 5/6.5

## Mini terminals TS 15

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS15x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |
| 2 conductors with same cross-section (H05V/H07V)     |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Note                                                 |                 |

## Ordering data

| Version |                       |
|---------|-----------------------|
|         | Dark beige Wemid (PA) |
|         | Blue Wemid (PA)       |
| Note    |                       |

## Accessories

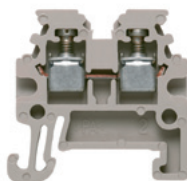
| Pluggable cross-connection  |                  |
|-----------------------------|------------------|
|                             | 2-pole           |
|                             | 3-pole           |
|                             | 4-pole           |
|                             | 10-pole          |
| End plate / Partition plate |                  |
|                             | Dark beige Wemid |
| End bracket                 |                  |
|                             | Dark beige Wemid |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WDU 1.5/R 3.5

1.5 mm<sup>2</sup>

Feed-through terminal (V0)



|                 |  |
|-----------------|--|
| 3.5 x 24.5 x 25 |  |
| 17.5 / 1.5      |  |
| 0.13...1.5      |  |

| IEC 60947-7-1                                                                                                                                                                                                                                         |             | Ex e II     |                   |  II 2 G D |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------------|--------------------------------------------------------------------------------------------|--|
| IEC                                                                                                                                                                                                                                                   | UL          | CSA         | EN 60079-7        |                                                                                            |  |
| 400                                                                                                                                                                                                                                                   | 300 (D)     | 300 (D)     | 275               |                                                                                            |  |
| 17.5                                                                                                                                                                                                                                                  | 10 (D)      | 10 (D)      | 14                |                                                                                            |  |
| 1.5                                                                                                                                                                                                                                                   | AWG 26...14 | AWG 26...14 | 1.5               |                                                                                            |  |
| 4 kV / 3                                                                                                                                                                                                                                              |             |             |                   |                                                                                            |  |
| A1 / V-0                                                                                                                                                                                                                                              |             |             |                   |                                                                                            |  |
|    |             |             | KEMA 99ATEX6545 U |                                                                                            |  |
| Rated connection                                                                                                                                                                                                                                      |             |             |                   |                                                                                            |  |
| 0.5...1.5 / 1.5...1.5                                                                                                                                                                                                                                 |             |             |                   |                                                                                            |  |
| 0.5...1.5 / 0.5...1.5                                                                                                                                                                                                                                 |             |             |                   |                                                                                            |  |
| 0.3 Nm(M 2)                                                                                                                                                                                                                                           |             |             |                   |                                                                                            |  |
| 7 / 0.4 x 2.5 mm                                                                                                                                                                                                                                      |             |             |                   |                                                                                            |  |
| 0.5...0.75                                                                                                                                                                                                                                            |             |             |                   |                                                                                            |  |
| 0.5...0.75 / 0.5...0.5                                                                                                                                                                                                                                |             |             |                   |                                                                                            |  |
| PZ 6/5 recommended as crimping tool for 1.5 mm <sup>2</sup> with wire end ferrule.                                                                                                                                                                    |             |             |                   |                                                                                            |  |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| WDU 1.5/R3.5    | 100  | 1753280000 |
| WDU 1.5/R3.5 BL | 100  | 1754170000 |

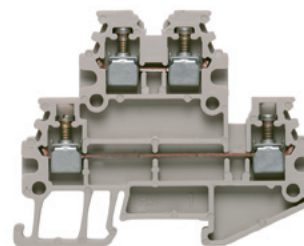
| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 1.5N/R3.5/2 GE  | 17.5 A  | 50   | 1754210000 |
| ZQV 1.5N/R3.5/3 GE  | 17.5 A  | 50   | 1754220000 |
| ZQV 1.5N/R3.5/4 GE  | 17.5 A  | 20   | 1754230000 |
| ZQV 1.5N/R3.5/10 GE | 17.5 A  | 20   | 1754290000 |
| Width               |         |      |            |
| WAP WDK1.5/R3.5     | 1.5 mm  | 20   | 1754200000 |
| EW 15               | 10 mm   | 50   | 0382860000 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WDK 1.5/R3.5

1.5 mm<sup>2</sup>

Double feed-through terminal (V0)



|                   |  |
|-------------------|--|
| 3.5 x 46.5 x 38.5 |  |
| 16 / 1.5          |  |
| 0.13...1.5        |  |

|                                                                                                                                                                         |             |             |                   |                                                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------------|----------------------------------------------------------------------------------------------|--|
| IEC 60947-7-1                                                                                                                                                           |             | Ex e II     |                   |  II 2 G D |  |
| IEC                                                                                                                                                                     | UL          | CSA         | EN 60079-7        |                                                                                              |  |
| 400                                                                                                                                                                     | 300 (D)     | 300 (D)     | 275               |                                                                                              |  |
| 16                                                                                                                                                                      | 10 (D)      | 10 (D)      | 15                |                                                                                              |  |
| 1.5                                                                                                                                                                     | AWG 26...14 | AWG 26...14 | 1.5               |                                                                                              |  |
| 4 kV / 3                                                                                                                                                                |             |             |                   |                                                                                              |  |
| A1 / V-0                                                                                                                                                                |             |             |                   |                                                                                              |  |
|   |             |             | KEMA 99ATEX6545 U |                                                                                              |  |
| Rated connection                                                                                                                                                        |             |             |                   |                                                                                              |  |
| 0.5...1.5 / 1.5...1.5                                                                                                                                                   |             |             |                   |                                                                                              |  |
| 0.5...1.5 / 0.5...1.5                                                                                                                                                   |             |             |                   |                                                                                              |  |
| 0.3 Nm(M 2)                                                                                                                                                             |             |             |                   |                                                                                              |  |
| 7 / 0.4 x 2.5 mm                                                                                                                                                        |             |             |                   |                                                                                              |  |
| 0.5...0.75                                                                                                                                                              |             |             |                   |                                                                                              |  |
| 0.5...0.75 / 0.5...0.5                                                                                                                                                  |             |             |                   |                                                                                              |  |
| PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.                                                                                                  |             |             |                   |                                                                                              |  |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WDK 1.5/R3.5 | 100  | 1753290000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| ZQV 1.5N/R3.5/2 GE  | 17.5 A  | 50   | 1754210000 |
| ZQV 1.5N/R3.5/3 GE  | 17.5 A  | 50   | 1754220000 |
| ZQV 1.5N/R3.5/4 GE  | 17.5 A  | 20   | 1754230000 |
| ZQV 1.5N/R3.5/10 GE | 17.5 A  | 20   | 1754290000 |
| Width               |         |      |            |
| WAP WDK1.5/R3.5     | 1.5 mm  | 20   | 1754200000 |
| EW 15               | 10 mm   | 50   | 0382860000 |

| Identification systems |                                 |
|------------------------|---------------------------------|
|                        | (see assortment in catalogue 7) |
|                        | Marking tags                    |
| Note                   |                                 |

## WPE 1.5/R3.5

1.5 mm<sup>2</sup>

PE terminal (V0)



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS15x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

3.5 x 24.5 x 25

/ 1.5

0.13...1.5



## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjoining terminal                  | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Rated short-time current                             |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Tightening torque range for fixing screw             |                 |
| Stripping length / Blade size                        | mm/-            |

## Note

IEC 60947-7-2

| IEC | UL                           | CSA         |
|-----|------------------------------|-------------|
| 1.5 | AWG 26...18                  | AWG 26...18 |
| 400 |                              |             |
| 6   |                              |             |
|     | 180 A (1.5 mm <sup>2</sup> ) |             |
|     | 3                            |             |
|     | A1 / V-0                     |             |



## Rated connection

|                       |
|-----------------------|
| 0.5...1.5 / 1.5...1.5 |
| 0.5...1.5 / 0.5...1.5 |
| 0.3 Nm(M 2)           |
| 7 / 0.4 x 2.5 mm      |

PZ 6/5 recommended as crimping tool for 1.5 mm<sup>2</sup> with wire end ferrule.

## Ordering data

| Version                 |
|-------------------------|
| green/yellow Wemid (PA) |
| Note                    |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| WPE 1.5/R3.5 | 100  | 1798460000 |

## Accessories

| End plate / Partition plate |
|-----------------------------|
| Dark beige Wemid            |
| End bracket                 |
| Dark beige Wemid            |

| Type            | Width  | Qty. | Order No.  |
|-----------------|--------|------|------------|
| WAP WDU1.5/R3.5 | 1.5 mm | 20   | 1754190000 |
| EW 15           | 10 mm  | 50   | 0382860000 |

Identification systems (see assortment in catalogue 7)

Marking tags

## Note

DEK 5/3,5

## Multi-pole terminal strips for direct mounting

## Screw connection

MK 2/12

2.5 mm<sup>2</sup>

MK 3/2...12

2.5 mm<sup>2</sup>

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

**15 x 86 x 15**  
24 / 4  
**0.2...4**

**15 x 91.25 x 16.1**  
24 / 4  
**0.33...4**

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
|                                                      | mm/-            |

IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 125                   | 300 (D)     | 300 (D)     |
| 24                    | 10 (D)      | 10 (D)      |
| 2.5                   | AWG 24...12 | AWG 24...12 |
| 2.5 kV / 3            |             |             |
| A2 / 5VA              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...4 / 1.5...2.5   |             |             |
| 0.5...2.5 / 0.5...1.5 |             |             |
| 0.4 (M 2.5)           |             |             |
| 5 / 0.6 x 3.5 mm      |             |             |

IEC 60947-7-1

| IEC                   | UL          | CSA         |
|-----------------------|-------------|-------------|
| 400                   | 600 (D)     | 300 (C)     |
| 24                    | 5 (D)       | 25 (C)      |
| 2.5                   | AWG 22...12 | AWG 22...12 |
| 6 kV / 3              |             |             |
| A2 / 5VA              |             |             |
|                       |             |             |
| Rated connection      |             |             |
| 0.5...4 / 1.5...2.5   |             |             |
| 0.5...2.5 / 0.5...1.5 |             |             |
| 0.4...0.45 Nm (M 2.5) |             |             |
| 5 / 0.6 x 3.5 mm      |             |             |

## Ordering data

| Type    | Length | Mounting | Qty. | Order No.  |
|---------|--------|----------|------|------------|
| 2-pole  |        |          |      |            |
| 3-pole  |        |          |      |            |
| 4-pole  |        |          |      |            |
| 5-pole  |        |          |      |            |
| 6-pole  |        |          |      |            |
| 7-pole  |        |          |      |            |
| 8-pole  |        |          |      |            |
| 10-pole |        |          |      |            |
| 12-pole | 86 mm  | 80 mm    | 50   | 0241260000 |
| 16-pole |        |          |      |            |

| Type    | Length | Mounting | Qty. | Order No.  |
|---------|--------|----------|------|------------|
| 2-pole  |        |          |      |            |
| 3-pole  |        |          |      |            |
| 4-pole  |        |          |      |            |
| 5-pole  |        |          |      |            |
| 6-pole  |        |          |      |            |
| 7-pole  |        |          |      |            |
| 8-pole  |        |          |      |            |
| 10-pole |        |          |      |            |
| 12-pole | 86 mm  | 80 mm    | 50   | 0241260000 |
| 16-pole |        |          |      |            |

| Type    | Length   | Mounting | Qty. | Order No.  |
|---------|----------|----------|------|------------|
| MK 3/2  | 17.4 mm  | 18.5 mm  | 100  | 0273820000 |
| MK 3/3  | 26.5 mm  | 18.5 mm  | 50   | 0273920000 |
| MK 3/4  | 35.75 mm | 18.5 mm  | 50   | 0274020000 |
| MK 3/5  | 45 mm    | 18.5 mm  | 50   | 0274120000 |
| MK 3/6  | 54.25 mm | 37 mm    | 50   | 0274220000 |
| MK 3/7  | 63.5 mm  | 37 mm    | 50   | 0274320000 |
| MK 3/8  | 72.75 mm | 55.5 mm  | 25   | 0274420000 |
| MK 3/10 | 91.25 mm | 74 mm    | 20   | 0274620000 |
| MK 3/12 | 110 mm   | 92.5 mm  | 20   | 0243520000 |

## Accessories

| Marking strips, printed   |
|---------------------------|
|                           |
|                           |
|                           |
|                           |
| Marking strips, unprinted |
|                           |
|                           |
|                           |
|                           |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| BSTB 28/12/6.35 U 1-12 | 50   | 0245700000 |
| BSTB 28/12/6.35 O 1-12 | 50   | 0278500000 |
|                        |      |            |
|                        |      |            |
|                        |      |            |
|                        |      |            |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/12 MK U 1-12 | 50   | 0245900000 |
| BSTB 28/8 MK U 1-8   | 50   | 0290200000 |
| BSTB 28/6 MK U 1-6   | 50   | 0290000000 |
|                      |      |            |
| BSTO 28/12 MK        | 50   | 0245800000 |
| BSTO 28/8 MK3/8      | 50   | 0284700000 |
| BSTO 28/6 MK         | 50   | 0289500000 |
| BSTO 28/4 MK3/4      | 50   | 0289300000 |

(see assortment in catalogue 7)

For detailed information on other accessories and applications,  
refer to the "Accessories" section

## MK 4/16

**2.5 mm<sup>2</sup>**



17 x 103 x 16

24 / 4

0.2...4

IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 150 (C)     | 150 (C)     |
| 24       | 15 (C)      | 15 (C)      |
| 2.5      | AWG 22...12 | AWG 22...12 |
| 6 kV / 3 |             |             |
| A2 / 5VA |             |             |



### Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

0.4...0.45 Nm (M 2.5)

5 / 0.6 x 3.5 mm

| Type    | Length | Mounting | Qty. | Order No.  |
|---------|--------|----------|------|------------|
|         |        |          |      |            |
|         |        |          |      |            |
|         |        |          |      |            |
|         |        |          |      |            |
|         |        |          |      |            |
|         |        |          |      |            |
|         |        |          |      |            |
|         |        |          |      |            |
| MK 4/16 | 103 mm | 85.5 mm  | 20   | 0244220000 |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/16 MK U 1-16 | 50   | 0262200000 |
|                      |      |            |
|                      |      |            |
| BSTO 28/16 MK 4/16   | 50   | 0262100000 |
|                      |      |            |
|                      |      |            |

## MK 6/2...6/6

6 mm<sup>2</sup>

**23 x 23.5 x 22**

41 / 6

**0.33...6**

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 690 | 300 (C)     | 300 (C)     |
| 41  | 20 (C)      | 40 (C)      |
| 6   | AWG 22...10 | AWG 22...10 |
|     | 8 kV / 3    |             |
|     | A3 / 5VA    |             |



**Rated connection**

0.5...6 / 1.5...6

$$0.5...6 / 0.5...4$$

1.2...2 Nm (M 4)

9 / 4.0 x 0.8 mm

| Type   | Length  | Mounting | Qty. | Order No.  |
|--------|---------|----------|------|------------|
| MK 6/2 | 23.5 mm |          | 50   | 0620420000 |
| MK 6/3 | 36.5 mm | 13 mm    | 50   | 0620320000 |
| MK 6/4 | 49.5 mm | 26 mm    | 20   | 0620220000 |
|        |         |          |      |            |
| MK 6/6 | 75.5 mm | 52 mm    | 20   | 0620120000 |
|        |         |          |      |            |
|        |         |          |      |            |
|        |         |          |      |            |
|        |         |          |      |            |

[illegible]



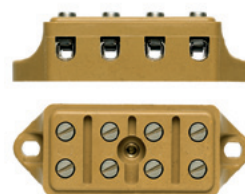
## Screw connection

MK 5/2 0.DE

**2.5 mm<sup>2</sup>**

KS 2...10

**2.5 mm<sup>2</sup>**



|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

18 x 40 x 14

24 / 4

0.2...4

25 x 138 x 20

24 / 4

0.2...4

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        | mm/-            |

| IEC                                                                               | UL       | CSA         |
|-----------------------------------------------------------------------------------|----------|-------------|
| 500                                                                               |          | 300 (C)     |
| 24                                                                                |          | 25 (C)      |
| 2.5                                                                               |          | AWG 20...14 |
|                                                                                   | 6 kV / 3 |             |
|                                                                                   | A2 / 5VA |             |
|  |          |             |
| <b>Rated connection</b>                                                           |          |             |
| 0.5...4 / 1.5...2.5                                                               |          |             |
| 0.5...2.5 / 0.5...1.5                                                             |          |             |
| 0.4(M 2.5)                                                                        |          |             |
| 5 / 0.6 x 3.5 mm                                                                  |          |             |

IEC 60947-7-1

| IEC                                                                                 | UL          | CSA         |
|-------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                 | 300 (C)     | 300 (C)     |
| 24                                                                                  | 20 (C)      | 25 (C)      |
| 2.5                                                                                 | AWG 22...12 | AWG 24...12 |
| 6 kV / 3                                                                            |             |             |
| A2 / 5VA                                                                            |             |             |
|  |             |             |
| <b>Rated connection</b>                                                             |             |             |
| 0.5...4 / 1.5...2.5                                                                 |             |             |
| 0.5...2.5 / 0.5...1.5                                                               |             |             |
| 0.5...0.7 Nm (M 3)                                                                  |             |             |
| 8 / 4.0 x 0.8 mm                                                                    |             |             |

## Ordering data

|         |
|---------|
| 2-pole  |
| 3-pole  |
| 4-pole  |
| 6-pole  |
| 10-pole |
| 12-pole |

| Type        | Length | Mounting | Qty. | Order No.  |
|-------------|--------|----------|------|------------|
| MK 5/2 O.DE | 40 mm  | 32 mm    | 100  | 0243820000 |
|             |        |          |      |            |
|             |        |          |      |            |
|             |        |          |      |            |

| Type        | Length | Mounting | Qty. | Order No.  |
|-------------|--------|----------|------|------------|
| KS 2 0.D2   | 42 mm  | 32 mm    | 100  | 0134420000 |
| KS 4 0.D4   | 66 mm  | 56 mm    | 50   | 0140320000 |
| KS 6 0.D6   | 90 mm  | 80 mm    | 50   | 0140620000 |
| KS 10 0.D10 | 138 mm | 128 mm   | 20   | 0141620000 |

## Accessories

Lid / cover

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| D 2 MK5/2 PA/NA | 50   | 0244060000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| D2 KS2 TP   | 100  | 0134500000 |
| D4 KS4 TP   | 50   | 0140500000 |
| D6 KS6 TP   | 50   | 0140800000 |
| D10 KS10 TP | 20   | 0141800000 |

Marking strips, printed

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|                   |    |            |
|-------------------|----|------------|
| ELSB 2 BEZ. 1-2   | 50 | 0143200000 |
| ELSB 10 BEZ. 1-10 | 50 | 0143500000 |

Marking strips, unprinted

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

BK 2...12

4 mm²



22 x 92 x 20  
32 / 4  
0.33...4

IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 150 (C)     | 300 (D)     |
| 32       | 20 (C)      | 10 (D)      |
| 4        | AWG 22...12 | AWG 22...12 |
| 6 kV / 3 |             |             |
| A3 / 5VA |             |             |



| Rated connection   |
|--------------------|
| 0.5...4 / 1.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...0.6 Nm (M 3) |
| 8 / 4.0 x 0.8 mm   |

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

| Type      | Length | Mounting | Qty. | Order No.  |
|-----------|--------|----------|------|------------|
| BK 2 CRN  | 20 mm  |          | 100  | 0624720000 |
| BK 3 CRN  | 31 mm  | 11 mm    | 100  | 0624920000 |
| BK 4 CRN  | 38 mm  | 18 mm    | 100  | 0625120000 |
| BK 6 CRN  | 52 mm  | 32 mm    | 50   | 0625220000 |
| BK 12 CRN | 92 mm  | 72.5 mm  | 25   | 0625320000 |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
|                      |      |            |
|                      |      |            |
|                      |      |            |
|                      |      |            |
| BSTB 28/2 BK U 1-2   | 50   | 0203600000 |
| BSTB 28/4 BK U 1-4   | 50   | 0197300000 |
| BSTB 28/6 BK U 1-6   | 50   | 0197500000 |
| BSTB 28/12 BK U 1-12 | 50   | 0198800000 |
| BSTO 28/2 BK         | 50   | 0203500000 |
| BSTO 28/3 BK         | 50   | 0203700000 |
| BSTO 28/4 BK         | 50   | 0197200000 |
| BSTO 28/6 BK         | 50   | 0197400000 |
| BSTO 28/12 BK        | 50   | 0198700000 |

## Multi-pole terminal strips for direct mounting

Screw connection  
ATEX approval

BK 2...12/E

4 mm<sup>2</sup>

MK 3/2...12/E

2.5 mm<sup>2</sup>

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

**22 x 92 x 20**  
32 / 4  
**0.33...4**

## Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| Solid / stranded                                     | mm <sup>2</sup> |
| Flexible / Flexible with ferrule                     | mm <sup>2</sup> |
| Tightening torque range (terminal screw)             |                 |
| Stripping length / Blade size                        |                 |
|                                                      |                 |

| IEC 60947-7-1                                                                     |             | Ex e II  II 2 G D |            |
|-----------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|------------|
| IEC                                                                               | UL          | CSA                                                                                                | EN 60079-7 |
| 400                                                                               | 150 (C)     | 300 (D)                                                                                            | 275        |
| 32                                                                                | 20 (C)      | 10 (D)                                                                                             | 21         |
| 4                                                                                 | AWG 22...12 | AWG 22...12                                                                                        | 4          |
| 6 kV / 3                                                                          |             |                                                                                                    |            |
| A3 / 5VA                                                                          |             |                                                                                                    |            |
|  |             | BAS 98ATEX3084 U                                                                                   |            |
| Rated connection                                                                  |             |                                                                                                    |            |
| 0.5...4 / 1.5...4                                                                 |             |                                                                                                    |            |
| 0.5...4 / 0.5...4                                                                 |             |                                                                                                    |            |
| 0.5...0.6 Nm (M 3)                                                                |             |                                                                                                    |            |
| 8 / 4.0 x 0.8 mm                                                                  |             |                                                                                                    |            |

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm<sup>2</sup>) can be connected.

## Ordering data

|  |  | 2-pole  |  |
|--|--|---------|--|
|  |  | 3-pole  |  |
|  |  | 4-pole  |  |
|  |  | 5-pole  |  |
|  |  | 6-pole  |  |
|  |  | 8-pole  |  |
|  |  | 12-pole |  |
|  |  |         |  |

## Accessories

| Marking strips, printed   |  |
|---------------------------|--|
|                           |  |
| Marking strips, unprinted |  |
|                           |  |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/2 BK U 1-2   | 50   | 0203600000 |
| BSTB 28/4 BK U 1-4   | 50   | 0197300000 |
| BSTB 28/6 BK U 1-6   | 50   | 0197500000 |
| BSTB 28/12 BK U 1-12 | 50   | 0198800000 |
|                      |      |            |
| BSTO 28/2 BK         | 50   | 0203500000 |
| BSTO 28/3 BK         | 50   | 0203700000 |
| BSTO 28/4 BK         | 50   | 0197200000 |
| BSTO 28/6 BK         | 50   | 0197400000 |
| BSTO 28/12 BK        | 50   | 0198700000 |

**15 x 110 x 16.1**  
24 / 4  
**0.33...4**

| IEC 60947-7-1                                                                       |             | Ex e II  II 2 G D |            |
|-------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------|------------|
| IEC                                                                                 | UL          | CSA                                                                                                  | EN 60079-7 |
| 400                                                                                 | 600 (D)     | 300 (C)                                                                                              | 275        |
| 24                                                                                  | 5 (D)       | 25 (C)                                                                                               | 15         |
| 2.5                                                                                 | AWG 22...12 | AWG 22...12                                                                                          | 2.5        |
| 6 kV / 3                                                                            |             |                                                                                                      |            |
| A2 / 5VA                                                                            |             |                                                                                                      |            |
|  |             | BAS 99ATEX2124 U                                                                                     |            |
| Rated connection                                                                    |             |                                                                                                      |            |
| 0.5...4 / 1.5...2.5                                                                 |             |                                                                                                      |            |
| 0.5...2.5 / 0.5...1.5                                                               |             |                                                                                                      |            |
| 0.4...0.45 Nm (M 2.5)                                                               |             |                                                                                                      |            |
| 5 / 0.6 x 3.5 mm                                                                    |             |                                                                                                      |            |

| Type      | Length   | Mounting | Qty. | Order No.  |
|-----------|----------|----------|------|------------|
| MK 3/2/E  | 17.4 mm  | 18.5 mm  | 100  | 7906110000 |
| MK 3/3/E  | 26.5 mm  | 18.5 mm  | 50   | 7906120000 |
| MK 3/4/E  | 35.75 mm | 18.5 mm  | 50   | 7906130000 |
|           |          |          |      |            |
| MK 3/6/E  | 54.25 mm | 37 mm    | 50   | 7906150000 |
| MK 3/8/E  | 72.75 mm | 55.5 mm  | 25   | 7906170000 |
| MK 3/12/E | 110 mm   | 92.5 mm  | 20   | 7906210000 |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| BSTB 28/12 MK U 1-12 | 50   | 0245900000 |
| BSTB 28/8 MK U 1-8   | 50   | 0290200000 |
| BSTB 28/6 MK U 1-6   | 50   | 0290000000 |
|                      |      |            |
| BSTO 28/12 MK        | 50   | 0245800000 |
| BSTO 28/8 MK3/8      | 50   | 0284700000 |
| BSTO 28/6 MK         | 50   | 0289500000 |
| BSTO 28/4 MK3/4      | 50   | 0289300000 |

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the "Accessories" section.

MK 6/2...6/E 6 mm²



23 x 75.5 x 22  
41 / 6  
0.33...6

| IEC 60947-7-1                                                                     |             | Ex e II  II 2 G D |            |
|-----------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|------------|
| IEC                                                                               | UL          | CSA                                                                                                | EN 60079-7 |
| 690                                                                               | 300 (C)     |                                                                                                    | 440        |
| 41                                                                                | 20 (C)      |                                                                                                    | 26         |
| 6                                                                                 | AWG 22...10 |                                                                                                    | 6          |
| 8 kV / 3                                                                          |             |                                                                                                    |            |
| A3 / 5VA                                                                          |             |                                                                                                    |            |
|  |             | BAS 99ATEX2123 U                                                                                   |            |
| Rated connection                                                                  |             |                                                                                                    |            |
| 0.5...6 / 1.5...6                                                                 |             |                                                                                                    |            |
| 0.5...6 / 0.5...4                                                                 |             |                                                                                                    |            |
| 1.2...2 Nm (M 4)                                                                  |             |                                                                                                    |            |
| 9 / 4.0 x 0.8 mm                                                                  |             |                                                                                                    |            |

| Type     | Length  | Mounting | Qty. | Order No.  |
|----------|---------|----------|------|------------|
| MK 6/2/E | 23.5 mm |          | 50   | 7906220000 |
| MK 6/3/E | 36.5 mm | 13 mm    | 50   | 7906230000 |
| MK 6/4/E | 49.5 mm | 26 mm    | 20   | 7906240000 |
| MK 6/5/E | 62.5 mm | 26 mm    | 20   | 7906250000 |
| MK 6/6/E | 75.5 mm | 52 mm    | 20   | 7906260000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

# Weidmüller stud terminals

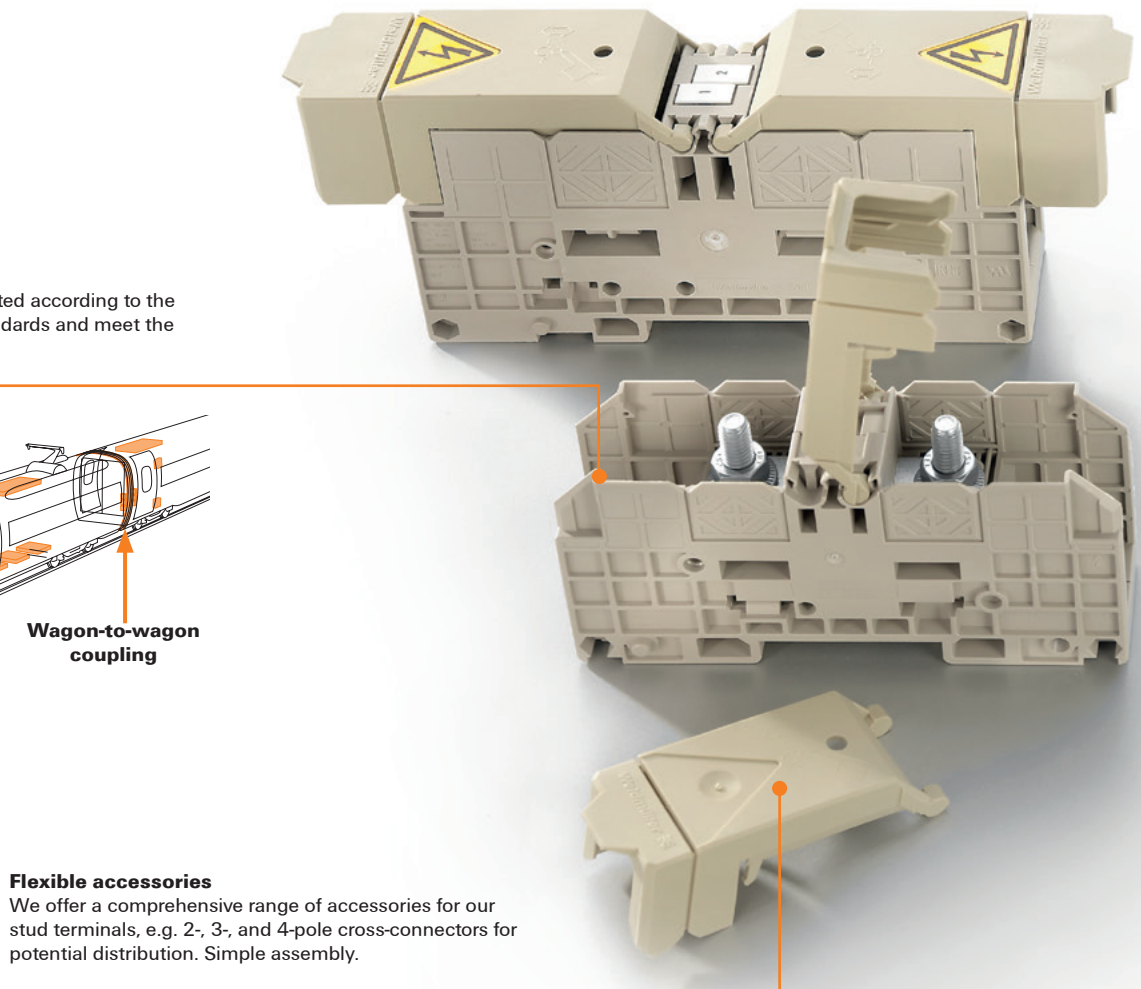
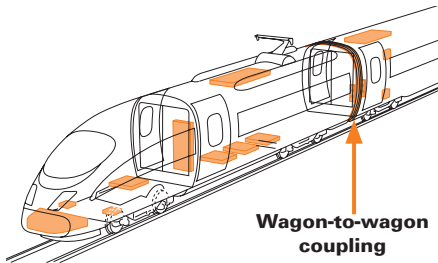
## Safe connections for reliable energy transfer

In harsh environments, robust products are important; but they should also be an affordable solution. Our stud terminals meet these requirements exactly: safe power transmission in connection ranges from 10 mm<sup>2</sup> to 300 mm<sup>2</sup>.

The conductors are attached to the terminals using crimped cable lugs and each connection is secured by tightening the hexagonal nut. A low voltage drop and the use of a self-extinguishing material with a V0 (UL94) flammability rating guarantee maximum safety.

## Fit for Transportation

All stud terminals are tested according to the international railway standards and meet the requirements specified.



## Flexible accessories

We offer a comprehensive range of accessories for our stud terminals, e.g. 2-, 3-, and 4-pole cross-connectors for potential distribution. Simple assembly.

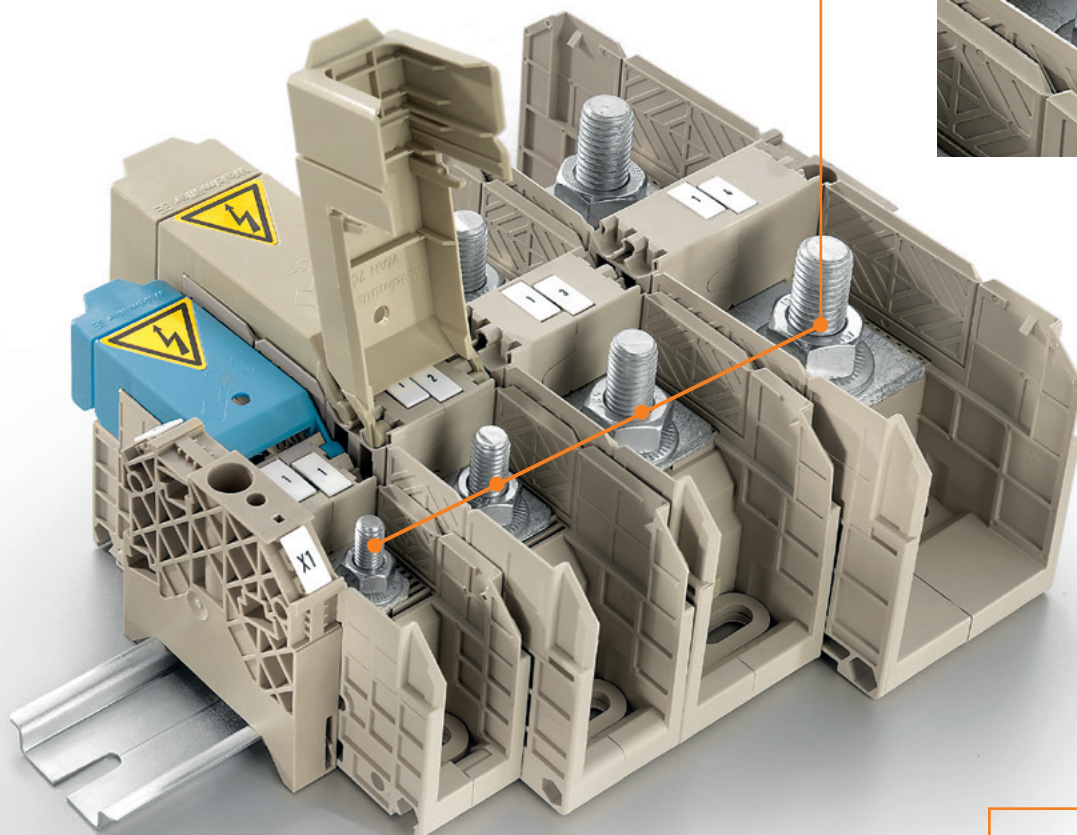


**Variable system**

Stud terminals in bolt sizes M5 to M16

For conductors with cable lugs according to DIN 46234 up to 240 mm<sup>2</sup> and DIN 46235 up to 300 mm<sup>2</sup>. Up to four cable lugs per bolt possible.

For voltages ranges up to 4,000 V and currents up to 415 A.

**Safe operation**

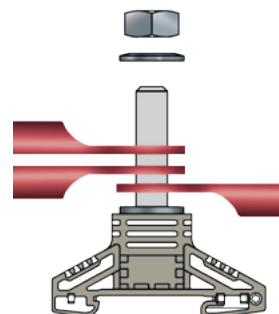
Touch-safe protection is guaranteed thanks to cover profiles or the snap-on and screwable cover hoods.

**Usage and handling**

Cable lugs are crimped onto the wire ends to connect the wires.

The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud.

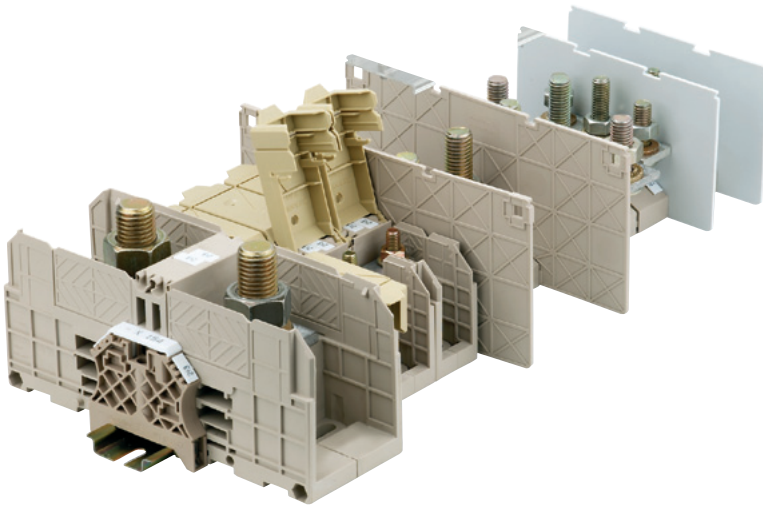
The back sides of the cable lugs are positioned against each other. As the hex nut is tightened, the cable lugs press against each other to form a secure contact.





# Stud terminals – Accessories

## Series WF and WFF



## Electrical distribution



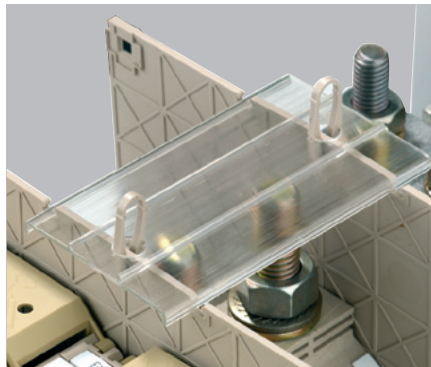
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

## Shock protection



The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

## Shock protection / partition plates



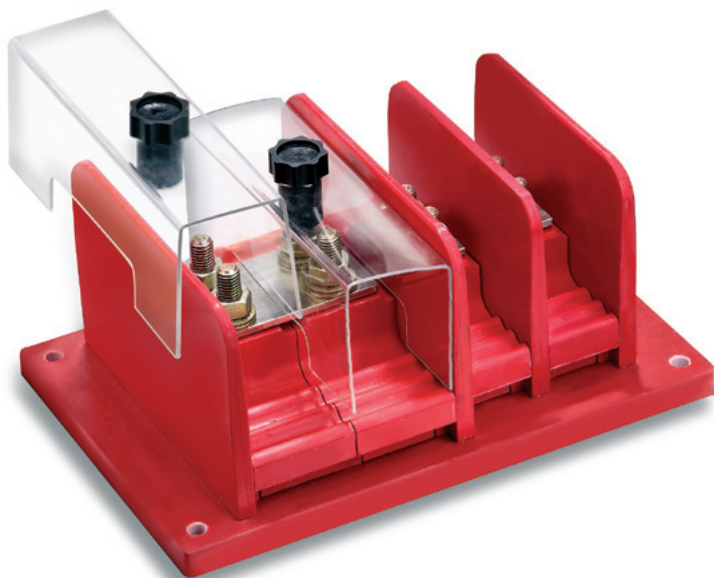
Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

## Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

**Series ST 4000****Shock protection**

Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

**Potential distribution**

When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2-, 3-, or 4-poles.

**Connection**

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.



## Single-stud terminals

## WF-series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                 |
|-----------------------------------------|-----------------|
| Width/Length/Height of lowest version   | mm              |
| max. current / max. cond. cross-section | A               |
| Max. clamping range                     | mm <sup>2</sup> |

## Technical data

| Rated data with Wemid partition wall                 |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped cable lugs                                   |                 |
| Cable lug to DIN 46234                               |                 |
| 2 x cable lugs DIN 46 234                            |                 |
| Cable lug to DIN 46235                               |                 |
| 2 x cable lugs DIN 46 235                            |                 |
| Tightening torque range                              |                 |
| Note                                                 |                 |

## Ordering data

| Version | Dark beige Wemid |
|---------|------------------|
| Note    |                  |

## Accessories

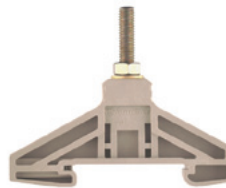
| Cross-connection                       |                                        |
|----------------------------------------|----------------------------------------|
|                                        | 2-pole                                 |
|                                        | 3-pole                                 |
|                                        | 4-pole                                 |
| Partition plate                        |                                        |
|                                        | Dark beige Wemid                       |
|                                        | Beige epoxy resin                      |
| End bracket                            |                                        |
|                                        | Dark beige Wemid                       |
| Hood transparent                       |                                        |
|                                        | Hood transparent                       |
| Holder for shrouding cover transparent |                                        |
|                                        | Holder for shrouding cover transparent |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WF 5

16 mm<sup>2</sup>

Screw thread M5



13 x 67 x 56  
**76 / 16**  
**0.1...16**

| IEC                                                                                                                                                                                                                                                   | UL         | CSA        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 1000                                                                                                                                                                                                                                                  | 1000 (C)   | 1000 (C)   |
| 76                                                                                                                                                                                                                                                    | 85 (C)     | 85 (C)     |
| 16                                                                                                                                                                                                                                                    | AWG 10...4 | AWG 10...4 |
| 8 kV / 3                                                                                                                                                                                                                                              |            |            |
| / V-0                                                                                                                                                                                                                                                 |            |            |
|    |            |            |
| 0.1...16 mm <sup>2</sup>                                                                                                                                                                                                                              |            |            |
| 0.1...16 mm <sup>2</sup>                                                                                                                                                                                                                              |            |            |
| 6...10 mm <sup>2</sup>                                                                                                                                                                                                                                |            |            |
| 6...10 mm <sup>2</sup>                                                                                                                                                                                                                                |            |            |
| 2...4 Nm                                                                                                                                                                                                                                              |            |            |

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WF 5                                                                                                                 | 25   | <b>1790130000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

| Type            | current | Qty. | Order No.         |
|-----------------|---------|------|-------------------|
| WQL 2 WF5       | 101 A   | 5    | <b>1812710000</b> |
| WQL 3 WF5       |         | 5    | <b>1812740000</b> |
| Width           |         |      |                   |
| WTW WF6-WF12    | 2.5 mm  | 20   | <b>1781240000</b> |
| WTW WF6 2300    | 3 mm    | 20   | <b>1781230000</b> |
| WEW 35/2        |         |      |                   |
|                 | 8 mm    | 100  | <b>1061200000</b> |
| ADP WF6/WF8     |         |      |                   |
|                 |         | 1    | <b>1780930000</b> |
| HA ADP WF6/WF10 |         |      |                   |
|                 | 2.2 mm  | 10   | <b>1781050000</b> |

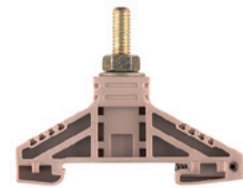
WS 12/5

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## WF 6

35 mm<sup>2</sup>

Screw thread M6



17.8 x 67 x 56  
**125 / 35**  
**2.5...35**

| IEC                                                                                                                                                                                                                                                         | UL         | CSA        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 1000                                                                                                                                                                                                                                                        | 1000 (C)   | 1000 (C)   |
| 125                                                                                                                                                                                                                                                         | 115 (C)    | 150 (C)    |
| 35                                                                                                                                                                                                                                                          | AWG 14...2 | AWG 14...2 |
| 8 kV / 3                                                                                                                                                                                                                                                    |            |            |
| / V-0                                                                                                                                                                                                                                                       |            |            |
|    |            |            |
| 2.5...35 mm <sup>2</sup>                                                                                                                                                                                                                                    |            |            |
| 2.5...35 mm <sup>2</sup>                                                                                                                                                                                                                                    |            |            |
| 6...25 mm <sup>2</sup>                                                                                                                                                                                                                                      |            |            |
| 6...25 mm <sup>2</sup>                                                                                                                                                                                                                                      |            |            |
| 3...6 Nm                                                                                                                                                                                                                                                    |            |            |

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WF 6                                                                                                                 | 25   | <b>1780850000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

| Type            | current | Qty. | Order No.         |
|-----------------|---------|------|-------------------|
| WQL 2 WF6       | 125 A   | 5    | <b>1780970000</b> |
| WQL 3 WF6       | 125 A   | 5    | <b>1780980000</b> |
| Width           |         |      |                   |
| WTW WF6         | 3 mm    | 20   | <b>1781220000</b> |
| WTW WF6 2300    | 3 mm    | 20   | <b>1781230000</b> |
| WEW 35/2        |         |      |                   |
|                 | 8 mm    | 100  | <b>1061200000</b> |
| ADP WF6/WF8     |         |      |                   |
|                 |         | 1    | <b>1780930000</b> |
| HA ADP WF6/WF10 |         |      |                   |
|                 | 2.2 mm  | 10   | <b>1781050000</b> |

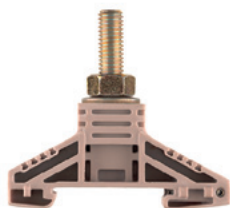
WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## WF 8

50 mm<sup>2</sup>

Screw thread M8



22.8 x 67 x 65  
150 / 50  
2.5...50

| IEC  | UL         | CSA        |
|------|------------|------------|
| 1000 | 1000 (C)   | 1000 (C)   |
| 150  | 150 (C)    | 200 (C)    |
| 50   | AWG 14...0 | AWG 14...0 |

8 kV / 3  
/ V-0



2.5...50 mm<sup>2</sup>  
2.5...50 mm<sup>2</sup>  
6...35 mm<sup>2</sup>  
6...35 mm<sup>2</sup>  
6...12 Nm

The WQL 2 for WF 6 on the WF 8 is available under Order no. 1808980000.

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| WF 8                                                                                                                 | 25   | 1780860000 |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |            |

| Type            | current | Qty. | Order No.  |
|-----------------|---------|------|------------|
| WQL 2 WF8       | 150 A   | 5    | 1780990000 |
| WQL 3 WF8       | 150 A   | 5    | 1781000000 |
| Width           |         |      |            |
| WTW WF8         | 3 mm    | 20   | 1780900000 |
| WTW WF8 2300    | 3 mm    | 20   | 1780910000 |
| WEW 35/2        |         |      |            |
|                 | 8 mm    | 100  | 1061200000 |
| ADP WF6/WF8     |         |      |            |
|                 |         | 1    | 1780930000 |
| HA ADP WF6/WF10 |         |      |            |
|                 | 2.2 mm  | 10   | 1781050000 |

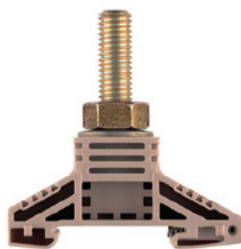
WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## WF 10

120 mm<sup>2</sup>

Screw thread M10



33.8 x 67 x 74  
269 / 120  
6...120

| IEC  | UL           | CSA          |
|------|--------------|--------------|
| 1000 | 1000 (C)     | 1000 (C)     |
| 269  | 255 (C)      | 320 (C)      |
| 120  | AWG 10...250 | AWG 10...250 |

8 kV / 3  
/ V-0



6...120 mm<sup>2</sup>  
6...120 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
10...20 Nm

The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| WF 10                                                                                                                | 20   | 1780870000 |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |            |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| WQL 2 WF10         | 265 A   | 5    | 1781010000 |
| WQL 3 WF10         | 265 A   | 5    | 1781020000 |
| WQL 4 WF10         |         | 5    | 1027840000 |
| Width              |         |      |            |
| WTW WF10/WF12      | 3 mm    | 20   | 1780890000 |
| WTW WF10/WF12 2300 | 3 mm    | 20   | 1780920000 |
| WEW 35/2           |         |      |            |
|                    | 8 mm    | 100  | 1061200000 |
| ADP WF10/WF12      |         |      |            |
|                    |         | 1    | 1780940000 |
| HA ADP WF6/WF10    |         |      |            |
|                    | 2.2 mm  | 10   | 1781050000 |

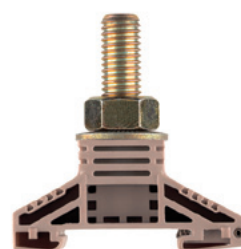
WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## WF 12

120 mm<sup>2</sup>

Screw thread M12



33.8 x 67 x 72  
269 / 120  
6...120

| IEC  | UL           | CSA          |
|------|--------------|--------------|
| 1000 | 1000 (C)     | 1000 (C)     |
| 269  | 255 (C)      | 320 (C)      |
| 120  | AWG 10...250 | AWG 10...250 |

8 kV / 3  
/ V-0



6...120 mm<sup>2</sup>  
6...120 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
10...95 mm<sup>2</sup>  
14...31 Nm

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| WF 12                                                                                                                | 20   | 1780880000 |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |            |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| WQL 2 WF12         | 265 A   | 5    | 1781030000 |
| WQL 3 WF12         | 265 A   | 5    | 1781040000 |
| Width              |         |      |            |
| WTW WF10/WF12      | 3 mm    | 20   | 1780890000 |
| WTW WF10/WF12 2300 | 3 mm    | 20   | 1780920000 |
| WEW 35/2           |         |      |            |
|                    | 8 mm    | 100  | 1061200000 |
| ADP WF10/WF12      |         |      |            |
|                    |         | 1    | 1780940000 |
| HA ADP WF6/WF10    |         |      |            |
|                    | 2.2 mm  | 10   | 1781050000 |

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## Twin stud terminals

## WF 2BZ

## WF 6/2BZ

35 mm<sup>2</sup>

Screw thread M6

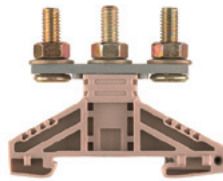
## WF 8/2BZ

50 mm<sup>2</sup>

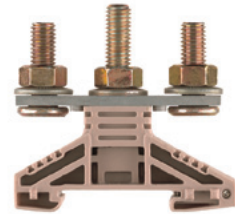
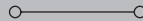
Screw thread M8

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

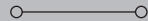
|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |



17.8 x 67 x 56  
**125 / 35**  
**2.5...35**



22.8 x 67 x 65  
**150 / 50**  
**2.5...50**



## Technical data

| Rated data with Wemid partition wall                 |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped cable lugs                                   |                 |
| Cable lug to DIN 46234                               |                 |
| 2 x cable lugs DIN 46 234                            |                 |
| Cable lug to DIN 46235                               |                 |
| 2 x cable lugs DIN 46 235                            |                 |
| Tightening torque range                              |                 |
| Note                                                 |                 |

| IEC                      | UL         | CSA |
|--------------------------|------------|-----|
| 1000                     | 1000 (C)   |     |
| 125                      | 115 (C)    |     |
| 35                       | AWG 14...2 |     |
| 8 kV / 3                 |            |     |
| / V-0                    |            |     |
| UL                       |            |     |
| 2.5...35 mm <sup>2</sup> |            |     |
| 2.5...35 mm <sup>2</sup> |            |     |
| 6...25 mm <sup>2</sup>   |            |     |
| 6...25 mm <sup>2</sup>   |            |     |
| 3...6 Nm                 |            |     |

| IEC                      | UL         | CSA |
|--------------------------|------------|-----|
| 1000                     | 1000 (C)   |     |
| 150                      | 150 (C)    |     |
| 50                       | AWG 14...0 |     |
| 8 kV / 3                 |            |     |
| / V-0                    |            |     |
| UL                       |            |     |
| 2.5...50 mm <sup>2</sup> |            |     |
| 2.5...50 mm <sup>2</sup> |            |     |
| 6...35 mm <sup>2</sup>   |            |     |
| 6...35 mm <sup>2</sup>   |            |     |
| 6...12 Nm                |            |     |

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
| Note    |                  |

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WF 6/2BZ                                                                                                             | 25   | <b>1789770000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WF 8/2BZ                                                                                                             | 25   | <b>1789780000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

## Accessories

| Cross-connection                       |                                        |
|----------------------------------------|----------------------------------------|
|                                        | 2-pole                                 |
|                                        | 3-pole                                 |
| Partition plate                        |                                        |
|                                        | Dark beige Wemid                       |
|                                        | Beige epoxy resin                      |
| End bracket                            |                                        |
|                                        | Dark beige Wemid                       |
| Hood transparent                       |                                        |
|                                        | Hood transparent                       |
| Holder for shrouding cover transparent |                                        |
|                                        | Holder for shrouding cover transparent |

| Type            | current | Qty. | Order No.         |
|-----------------|---------|------|-------------------|
| WQL 2 WF6       | 125 A   | 5    | <b>1780970000</b> |
| WQL 3 WF6       | 125 A   | 5    | <b>1780980000</b> |
| Width           |         |      |                   |
| WTW WF10/WF12   | 3 mm    | 20   | <b>1780890000</b> |
| WTW WF6 2300    | 3 mm    | 20   | <b>1781230000</b> |
|                 |         |      |                   |
| WEW 35/2        | 8 mm    | 100  | <b>1061200000</b> |
|                 |         |      |                   |
| ADP WF10/WF12   |         | 1    | <b>1780940000</b> |
|                 |         |      |                   |
| HA ADP WF6/WF10 | 2.2 mm  | 10   | <b>1781050000</b> |

| Type            | current | Qty. | Order No.         |
|-----------------|---------|------|-------------------|
| WQL 2 WF8       | 150 A   | 5    | <b>1780990000</b> |
| WQL 3 WF8       | 150 A   | 5    | <b>1781000000</b> |
| Width           |         |      |                   |
| WTW WF10/WF12   | 3 mm    | 20   | <b>1780890000</b> |
| WTW WF8 2300    | 3 mm    | 20   | <b>1780910000</b> |
|                 |         |      |                   |
| WEW 35/2        | 8 mm    | 100  | <b>1061200000</b> |
|                 |         |      |                   |
| ADP WF10/WF12   |         | 1    | <b>1780940000</b> |
|                 |         |      |                   |
| HA ADP WF6/WF10 | 2.2 mm  | 10   | <b>1781050000</b> |

| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

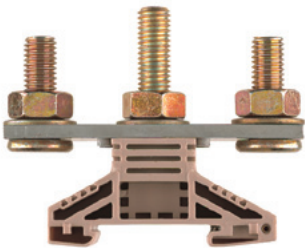
| WS 12/5                                                                                         |
|-------------------------------------------------------------------------------------------------|
| With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1. |

| WS 12/5                                                                                         |
|-------------------------------------------------------------------------------------------------|
| With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1. |

WF 10/2BZ

120 mm²

Screw thread M10



33.8 x 87.6 x 74

269 / 120

6...120

| IEC         | UL           | CSA |
|-------------|--------------|-----|
| 1000        | 1000 (C)     |     |
| 269         | 255 (C)      |     |
| 120         | AWG 10...250 |     |
|             | 8 kV / 3     |     |
|             | / V-0        |     |
| UL          |              |     |
| 6...120 mm² |              |     |
| 6...120 mm² |              |     |
| 10...95 mm² |              |     |
| 10...95 mm² |              |     |
| 10...20 Nm  |              |     |

| Type                                                                                                                 | Qty. | Order No.  |
|----------------------------------------------------------------------------------------------------------------------|------|------------|
| WF 10/2BZ                                                                                                            | 20   | 1789790000 |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |            |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| WQL 2 WF10         | 265 A   | 5    | 1781010000 |
| WQL 3 WF10         | 265 A   | 5    | 1781020000 |
| Width              |         |      |            |
| WTW WF10/WF12      | 3 mm    | 20   | 1780890000 |
| WTW WF10/WF12 2300 | 3 mm    | 20   | 1780920000 |
|                    |         |      |            |
| WEW 35/2           | 8 mm    | 100  | 1061200000 |
|                    |         |      |            |
| ADP WF10/WF12      |         | 1    | 1780940000 |
|                    |         |      |            |
| HA ADP WF6/WF10    | 2.2 mm  | 10   | 1781050000 |

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to prelim. EN 50124 pt 1.

## Twin stud terminals

## WFF series

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data with Wemid partition wall                 |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped cable lugs                                   |                 |
| Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234   |                 |
| Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235   |                 |
| Tightening torque, min.                              |                 |

## Note

## Ordering data

| Version |                  |
|---------|------------------|
|         | Dark beige Wemid |
|         | Dark beige Wemid |
|         | Blue Wemid       |
| Note    |                  |

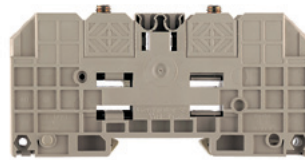
## Accessories

| Cross-connection                            |                        |
|---------------------------------------------|------------------------|
|                                             | 2-pole                 |
|                                             | 3-pole                 |
| Partition plate                             |                        |
|                                             | Dark beige Wemid       |
| End bracket                                 |                        |
|                                             | Dark beige Wemid       |
| Hood                                        |                        |
|                                             | Hood, dark beige Wemid |
| Warning triangle for power supply terminals |                        |

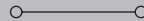
| Identification systems | (see assortment in catalogue 7) |
|------------------------|---------------------------------|
|                        | Marking tags                    |
| Note                   |                                 |

## WFF 35

Screw thread M6



27 x 107 x 59.5  
**150 / 50**  
**2.5...50**



Ex e II II 2 G D

| IEC                        | UL         | CSA        | EN 60079-7 |
|----------------------------|------------|------------|------------|
| 1000                       | 1000 (C)   | 600 (C)    | 1100       |
| 125                        | 115 (C)    | 130 (C)    | 109        |
| 35                         | AWG 14...2 | AWG 14...2 | 35         |
| 8 kV / 3                   |            |            |            |
| / V-0                      |            |            |            |
| KEMA 98ATEX1684 U          |            |            |            |
| 2.5...50 mm <sup>2</sup> / |            |            |            |
| 6...25 mm <sup>2</sup> /   |            |            |            |
| 3                          |            |            |            |

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WFF 35                                                                                                               | 10   | <b>1028300000</b> |
| WFF 35/AH                                                                                                            | 5    | <b>1029300000</b> |
| WFF 35 BL                                                                                                            | 10   | <b>1028380000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

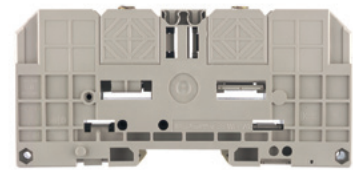
| Type                   | current | Qty. | Order No.         |
|------------------------|---------|------|-------------------|
| WQL 2 WFF35            | 150 A   | 5    | <b>1064900000</b> |
| WQL 3 WFF35            | 150 A   | 5    | <b>1065400000</b> |
| Width                  |         |      |                   |
| WTW WFF35              | 2 mm    | 10   | <b>1067100000</b> |
| Width                  |         |      |                   |
| WEW 35/1               | 12 mm   | 50   | <b>1059000000</b> |
| Width                  |         |      |                   |
| WAH 35                 | 26 mm   | 20   | <b>1064460000</b> |
| Width                  |         |      |                   |
| WD 1 25 K KARTE A 6 ST |         | 5    | <b>1563900000</b> |

|                                      |
|--------------------------------------|
| WS 12/6,5                            |
| WAH 35 in blue, Order no. 1064480000 |

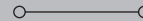
35 mm<sup>2</sup>

## WFF 70

Screw thread M8



32 x 132 x 69.5  
**232 / 95**  
**2.5...95**



Ex e II II 2 G D

| IEC                        | UL          | CSA         | EN 60079-7 |
|----------------------------|-------------|-------------|------------|
| 1000                       | 1000 (C)    | 600 (C)     | 1100       |
| 192                        | 175 (C)     | 170 (C)     | 167        |
| 70                         | AWG 14...00 | AWG 14...00 | 70         |
| 8 kV / 3                   |             |             |            |
| / V-0                      |             |             |            |
| KEMA 98ATEX1684 U          |             |             |            |
| 2.5...95 mm <sup>2</sup> / |             |             |            |
| 16...70 mm <sup>2</sup> /  |             |             |            |
| 6                          |             |             |            |

When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm<sup>2</sup>, the rated voltage is reduced to 800 V.

| Type                                                                                                                 | Qty. | Order No.         |
|----------------------------------------------------------------------------------------------------------------------|------|-------------------|
| WFF 70                                                                                                               | 10   | <b>1028400000</b> |
| WFF 70/AH                                                                                                            | 5    | <b>1029400000</b> |
| WFF 70 BL                                                                                                            | 10   | <b>1028480000</b> |
| 1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions. |      |                   |

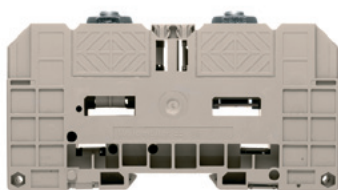
| Type                   | current | Qty. | Order No.         |
|------------------------|---------|------|-------------------|
| WQL 2 WFF70            | 232 A   | 5    | <b>1065000000</b> |
| WQL 3 WFF70            | 232 A   | 5    | <b>1065500000</b> |
| Width                  |         |      |                   |
| WTW WFF70              | 2 mm    | 10   | <b>1067200000</b> |
| Width                  |         |      |                   |
| WEW 35/1               | 12 mm   | 50   | <b>1059000000</b> |
| Width                  |         |      |                   |
| WAH 70 BE              | 31 mm   | 20   | <b>1064560000</b> |
| Width                  |         |      |                   |
| WD 1 25 K KARTE A 6 ST |         | 5    | <b>1563900000</b> |

|                                      |
|--------------------------------------|
| WS 12/6,5                            |
| WAH 70 in blue, Order no. 1064580000 |

## WFF 120

120 mm<sup>2</sup>

Screw thread M10



38 x 229.5 x 88.5

41 / 150

6...150



IEC 60947-7-1

Ex e II II 2 G D

| IEC | UL           | CSA          | EN 60079-7 |
|-----|--------------|--------------|------------|
| 400 | 1000 (C)     | 600 (C)      | 275        |
| 32  | 310 (C)      | 310 (C)      | 21         |
| 4   | AWG 10...250 | AWG 10...250 | 4          |

6 kV / 3

/ V-0



KEMA 98ATEX1684 U

6...150 mm<sup>2</sup> /16...150 mm<sup>2</sup> /

10

## WFF 185

185 mm<sup>2</sup>

Screw thread M12



55 x 163 x 87

415 / 240

10...240



Ex e II II 2 G D

| IEC  | UL          | CSA         | EN 60079-7 |
|------|-------------|-------------|------------|
| 1000 | 1000 (C)    | 600 (C)     | 1100       |
| 353  | 380 (C)     | 360 (C)     | 307        |
| 185  | AWG 8...500 | AWG 8...500 | 185        |

8 kV / 3

/ V-0



KEMA 98ATEX1684 U

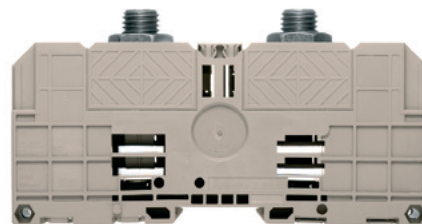
10...240 mm<sup>2</sup> /25...240 mm<sup>2</sup> /

14

## WFF 300

300 mm<sup>2</sup>

Screw thread M16



55 x 163 x 94

520 / 300

25...300



Ex e II II 2 G D

| IEC  | UL          | CSA         | EN 60079-7 |
|------|-------------|-------------|------------|
| 1000 | 1000 (C)    | 600 (C)     | 1100       |
| 520  | 500 (C)     | 510 (C)     | 452        |
| 300  | AWG 6...600 | AWG 6...600 | 300        |

8 kV / 3

/ V-0



KEMA 98ATEX1684 U

25...240 mm<sup>2</sup> /50...300 mm<sup>2</sup> /

25

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WFF 120    | 5    | 1028500000 |
| WFF 120/AH | 4    | 1029500000 |
| WFF 120 BL | 5    | 1028580000 |

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQL 2 WFF120           | 309 A   | 5    | 1065100000 |
| WQL 3 WFF120           | 309 A   | 5    | 1065600000 |
| Width                  |         |      |            |
| WTW WFF120             | 2 mm    | 10   | 1067300000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| WAH 120                |         |      |            |
|                        | 41 mm   | 20   | 1064660000 |
| WD 1 25 K KARTE A 6 ST |         |      |            |
|                        |         | 5    | 1563900000 |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WFF 185    | 4    | 1028600000 |
| WFF 185/AH | 2    | 1029600000 |
| WFF 185 BL | 4    | 1028680000 |

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQL 2 WFF185           | 415 A   | 5    | 1065200000 |
| WQL 3 WFF185           | 415 A   | 5    | 1065700000 |
| Width                  |         |      |            |
| WTW WFF185/300         | 2 mm    | 10   | 1067400000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| WAH 185/300 BE         |         |      |            |
|                        | 54 mm   | 10   | 1064760000 |
| WD 1 25 K KARTE A 6 ST |         |      |            |
|                        |         | 5    | 1563900000 |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| WFF 300    | 4    | 1028700000 |
| WFF 300/AH | 2    | 1029700000 |

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| WQL 2 WFF300           | 520 A   | 5    | 1065300000 |
| WQL 3 WFF300           | 520 A   | 5    | 1065800000 |
| Width                  |         |      |            |
| WTW WFF185/300         | 2 mm    | 10   | 1067400000 |
| WEW 35/1               |         |      |            |
|                        | 12 mm   | 50   | 1059000000 |
| WAH 185/300 BE         |         |      |            |
|                        | 54 mm   | 10   | 1064760000 |
| WD 1 25 K KARTE A 6 ST |         |      |            |
|                        |         | 5    | 1563900000 |

WS 12/6,5

WAH 120 in blue, Order no. 1064650000

WS 12/6,5

WAH 185/300 in blue, Order no. 1064780000

WS 12/6,5

WAH 185/300 in blue, Order no. 1064780000

# Accessories for stud terminals

## Potential distribution

The power distribution between neighbouring stud terminals can be achieved simply with the use of 2- and 3-pole cross-connections (see the section under stud terminals).

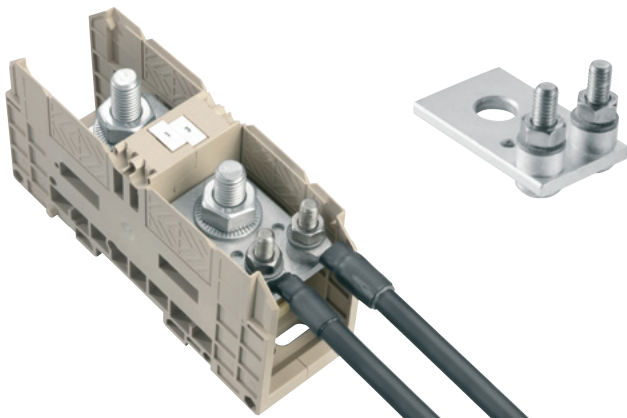
However, a cross-section reduction is required in special cases. These so-called cross-connection lugs are available for thread sizes from M6 to M10 and can be combined as required. This is helpful for power supplies and power distribution, for example.

## WQL

### Special cross-connection lugs

|    |                |      |            |                                      |                                           |
|-------------------------------------------------------------------------------------|----------------|------|------------|--------------------------------------|-------------------------------------------|
| WQL 2 WF 6-10                                                                       |                |      |            |                                      |                                           |
|   |                |      |            |                                      |                                           |
| WQL 3 WF 6-10/2                                                                     |                |      |            |                                      |                                           |
|  |                |      |            |                                      |                                           |
| WQL 2 WF 6/8                                                                        |                |      |            |                                      |                                           |
| Type                                                                                | Current<br>[A] | Qty. | Order No.  | Primary stud<br>connection<br>[M...] | Neighbouring<br>stud connection<br>[M...] |
| WQL 2 WF 6-10<br>t = 4 mm                                                           | 125            | 5    | 1806620000 | WF 6 = 1 pole<br>M 6                 | 1 x WF 10 = 1 pole<br>M 10                |
| WQL 3 WF 6-10/2<br>t = 4 mm                                                         | 125            | 5    | 1806640000 | WF 6 = 1 pole<br>M 6                 | 2 x WF 10 = 2 poles<br>M 10               |
| WQL 2 WF 6/8<br>t = 4 mm                                                            | 125            | 5    | 1808980000 | WF 6 = 1 pole<br>M 6                 | 1 x WF 8 = 1 pole<br>M 8                  |
| WQL 4 WF 8-6/3<br>t = 4 mm                                                          | 125            | 5    | 1904960000 | WF 8 = 1 pole<br>M 8                 | 3 x WF 6 = 3 poles<br>M 6                 |

## Potential distribution from stud terminals M10 to 2 x M6



| Type                                                                                                                            | Qty. | Order No.  |
|---------------------------------------------------------------------------------------------------------------------------------|------|------------|
| SMSE WF10/2xM6                                                                                                                  | 10   | 1868880000 |
| Hole diameter: 10 mm for M10 bolts<br>Stud terminals: WF 10... and WFF 120<br>The nominal current depends on the test assembly. |      |            |

## WF



### Cross-connections

|                  | Type         | Current | Qty. | Order No.  |
|------------------|--------------|---------|------|------------|
| <b>WF 5</b>      |              |         |      |            |
| 2-pole           | WQL WF5      | 101 A   | 5    | 1812710000 |
| 3-pole           | WQL WF5      | 101 A   | 5    | 1812740000 |
| <b>WF 6</b>      |              |         |      |            |
| 2-pole           | WQL 2 WF6    | 125 A   | 5    | 1780970000 |
| 3-pole           | WQL 3 WF6    | 125 A   | 5    | 1780980000 |
| <b>WF 8</b>      |              |         |      |            |
| 2-pole           | WQL 2 WF8    | 150 A   | 5    | 1780990000 |
| 3-pole           | WQL 3 WF8    | 150 A   | 5    | 1781000000 |
| <b>WF 10</b>     |              |         |      |            |
| 2-pole           | WQL 2 WF10   | 265 A   | 5    | 1781010000 |
| 3-pole           | WQL 3 WF10   | 265 A   | 5    | 1781020000 |
| 4-pole           | WQL 4 WF10   | 265 A   | 5    | 1027840000 |
| <b>WF 12</b>     |              |         |      |            |
| 2-pole           | WQL 2 WF12   | 265 A   | 5    | 1781030000 |
| 3-pole           | WQL 3 WF12   | 265 A   | 5    | 1781040000 |
| <b>WF 6/2BZ</b>  |              |         |      |            |
| 2-pole           | WQL 2 WF6    | 125 A   | 5    | 1780970000 |
| 3-pole           | WQL 3 WF6    | 125 A   | 5    | 1780980000 |
| <b>WF 8/2BZ</b>  |              |         |      |            |
| 2-pole           | WQL 2 WF8    | 150 A   | 5    | 1780990000 |
| 3-pole           | WQL 3 WF8    | 150 A   | 5    | 1781000000 |
| <b>WF 10/2BZ</b> |              |         |      |            |
| 2-pole           | WQL 2 WF10   | 265 A   | 5    | 1781010000 |
| 3-pole           | WQL 3 WF10   | 265 A   | 5    | 1781020000 |
| <b>WFF 35</b>    |              |         |      |            |
| 2-pole           | WQL 2 WFF35  | 150 A   | 5    | 1064900000 |
| 3-pole           | WQL 3 WFF35  | 150 A   | 5    | 1065400000 |
| <b>WFF 70</b>    |              |         |      |            |
| 2-pole           | WQL 2 WFF70  | 232 A   | 5    | 1065000000 |
| 3-pole           | WQL 3 WFF70  | 232 A   | 5    | 1065500000 |
| <b>WFF 120</b>   |              |         |      |            |
| 2-pole           | WQL 2 WFF120 | 309 A   | 5    | 1065100000 |
| 3-pole           | WQL 3 WFF120 | 309 A   | 5    | 1065600000 |
| <b>WFF 185</b>   |              |         |      |            |
| 2-pole           | WQL 2 WFF185 | 415 A   | 5    | 1065200000 |
| 3-pole           | WQL 3 WFF185 | 415 A   | 5    | 1065700000 |
| <b>WFF 300</b>   |              |         |      |            |
| 2-pole           | WQL 2 WFF300 | 520 A   | 5    | 1065300000 |
| 3-pole           | WQL 3 WFF300 | 520 A   | 5    | 1065800000 |

**WF-series partitions**

| Type          | Colour           | Width  | Qty. | Order No.  |
|---------------|------------------|--------|------|------------|
| WTW WF6-WF12  | dark beige Wemid | 2.5 mm | 20   | 1781240000 |
| WTW WF6       | dark beige Wemid | 2 mm   | 20   | 1781220000 |
| WTW WF8       | dark beige Wemid | 2 mm   | 20   | 1780900000 |
| WTW WF10/WF12 | dark beige Wemid | 2 mm   | 20   | 1780890000 |

**WFF-series partitions**

| Type           | Width | Qty. | Order No.  |
|----------------|-------|------|------------|
| WTW WFF35      | 2 mm  | 10   | 1067100000 |
| WTW WFF70      | 2 mm  | 10   | 1067200000 |
| WTW WFF120     | 2 mm  | 10   | 1067300000 |
| WTW WFF185/300 | 2 mm  | 10   | 1067400000 |

**Hood, transparent**

| Type           | Colour           | Qty. | Order No.  |
|----------------|------------------|------|------------|
| WAH 35         | dark beige Wemid | 20   | 1064460000 |
| WAH 70 BE      | dark beige Wemid | 20   | 1064560000 |
| WAH 120        | dark beige Wemid | 20   | 1064660000 |
| WAH 185/300 BE | dark beige Wemid | 10   | 1064760000 |

**WF-series 2300 V partitions**

| Type               | Colour             | Width | Qty. | Order No.  |
|--------------------|--------------------|-------|------|------------|
| WTW WF6 2300       | beige, Epoxy resin | 2 mm  | 20   | 1781230000 |
| WTW WF8 2300       | beige, Epoxy resin | 2 mm  | 20   | 1780910000 |
| WTW WF10/WF12 2300 | beige, Epoxy resin | 2 mm  | 20   | 1780920000 |

**Warning triangle for power supply terminals**

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| WD 1 25 K KARTE A 6 | 5    | 1563900000 |



## Twin stud terminals – ST 4000

## ST 4000 (up to 4 kV)

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/Height of lowest version   | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data with Wemid partition wall                 |                 |
|------------------------------------------------------|-----------------|
| Rated voltage                                        | V               |
| Rated current                                        | A               |
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                 |
| Gauge to IEC 60947-1 / Flammability class UL94       |                 |
| Approvals                                            |                 |
| Clamped cable lugs                                   |                 |
| Cable lug to DIN 46234                               |                 |
| 2 x cable lugs DIN 46 234                            |                 |
| Cable lug to DIN 46235                               |                 |
| 2 x cable lugs DIN 46 235                            |                 |
| Tightening torque range                              |                 |
| Note                                                 |                 |

## Ordering data

| Version |                      |
|---------|----------------------|
|         | red                  |
|         | with internal thread |
| Note    |                      |

## Accessories

| Cross-connection      |                  |
|-----------------------|------------------|
|                       | 2-pole           |
|                       | 3-pole           |
|                       | 4-pole           |
| Busbar                |                  |
|                       | M8 / 4 mm thick  |
|                       | M10 / 4 mm thick |
|                       | M10 / 6 mm thick |
|                       | M12 / 4 mm thick |
|                       | M12 / 6 mm thick |
| Connecting piece      |                  |
|                       | 130 mm length    |
|                       | 160 mm length    |
| Partition plate       |                  |
|                       | 150 mm length    |
|                       | 180 mm length    |
| End partition         |                  |
|                       | 150 mm length    |
|                       | 180 mm length    |
| Touch-safe protection |                  |
|                       | 150 mm length    |
|                       | 180 mm length    |

(see assortment in catalogue 7)

Note

## ST 4000/S M8

120 mm<sup>2</sup>

Screw thread M8



40 x 150 x 84  
269 /



| IEC                                                        | UL        | CSA |
|------------------------------------------------------------|-----------|-----|
| 4000                                                       |           |     |
| 269                                                        |           |     |
| 120                                                        |           |     |
|                                                            | 30 kV / 3 |     |
|                                                            | / V-0     |     |
| P <sub>2</sub>                                             |           |     |
| 1.5 - 120 mm <sup>2</sup>                                  |           |     |
| 16...70 mm <sup>2</sup>                                    |           |     |
| 6...12 Nm                                                  |           |     |
| Rated voltage when using cable lugs according to DIN 46234 |           |     |

| Type                                                                                 | Qty. | Order No.  |
|--------------------------------------------------------------------------------------|------|------------|
| ST 4000/S M8                                                                         | 25   | 1809110000 |
| ST 4000/S M8 F                                                                       | 25   | 1809120000 |
| Weidmüller creates drawings according to the customer specified ST 4000 application. |      |            |

| Type              | current | Qty. | Order No.  |
|-------------------|---------|------|------------|
| ST 4000/S J2 M8   |         | 100  | 1809310000 |
| ST 4000/S J3 M8   |         | 50   | 1809320000 |
| Width             |         |      |            |
| ST 4000/S CB M8/4 |         | 100  | 1809250000 |
|                   |         |      |            |
| ST 4000/S C130    |         | 50   | 1809230000 |
|                   |         |      |            |
| ST 4000/S P150    | 10 mm   | 50   | 1809190000 |
|                   |         |      |            |
| ST 4000/S E150    | 10 mm   | 50   | 1809210000 |
|                   |         |      |            |
| ST 4000/S S150    |         | 20   | 1809470000 |

## ST 4000/S M10

120 mm<sup>2</sup>

Screw thread M10



40 x 150 x 84  
269 /



| IEC                                                        | UL        | CSA |
|------------------------------------------------------------|-----------|-----|
| 4000                                                       |           |     |
| 269                                                        |           |     |
| 120                                                        |           |     |
|                                                            | 30 kV / 3 |     |
|                                                            | / V-0     |     |
| P <sub>2</sub>                                             |           |     |
| 4 - 120 mm <sup>2</sup>                                    |           |     |
|                                                            |           |     |
| 10...20 Nm                                                 |           |     |
| Rated voltage when using cable lugs according to DIN 46234 |           |     |

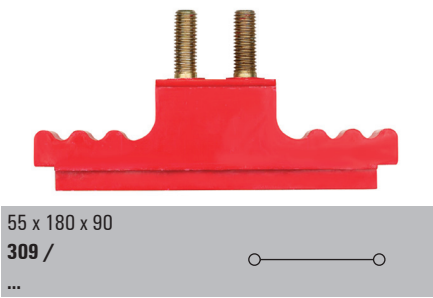
| Type                                                                                 | Qty. | Order No.  |
|--------------------------------------------------------------------------------------|------|------------|
| ST 4000/S M10                                                                        | 25   | 1809130000 |
| ST 4000/S M10 F                                                                      | 25   | 1809140000 |
| Weidmüller creates drawings according to the customer specified ST 4000 application. |      |            |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| ST 4000/S J2 M10   |         | 100  | 1809340000 |
| ST 4000/S J3 M10   |         | 50   | 1809350000 |
| ST 4000/S J4 M10   |         | 25   | 1809360000 |
| Width              |         |      |            |
| ST 4000/S CB M10/4 |         | 100  | 1809260000 |
| ST 4000/S CB M10/6 |         | 100  | 1809270000 |
|                    |         |      |            |
| ST 4000/S C130     |         | 50   | 1809230000 |
|                    |         |      |            |
| ST 4000/S P150     | 10 mm   | 50   | 1809190000 |
|                    |         |      |            |
| ST 4000/S E150     | 10 mm   | 50   | 1809210000 |
|                    |         |      |            |
| ST 4000/S S150     |         | 20   | 1809470000 |

ST 4000/L M10

150 mm²

Screw thread M10



| IEC                                                        | UL | CSA |
|------------------------------------------------------------|----|-----|
| 4000                                                       |    |     |
| 309                                                        |    |     |
| 150                                                        |    |     |
| 29.5 kV / 3                                                |    |     |
| / V-0                                                      |    |     |
| 10 - 150 mm²                                               |    |     |
| 25 - 150 mm²                                               |    |     |
| 10...20 Nm                                                 |    |     |
| Rated voltage when using cable lugs according to DIN 46234 |    |     |

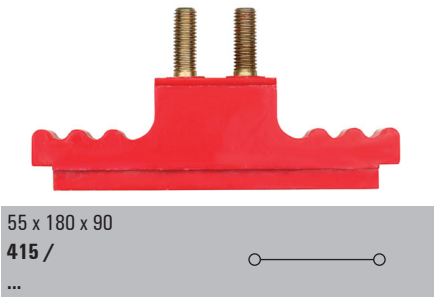
| Type                                                                                 | Qty. | Order No.  |
|--------------------------------------------------------------------------------------|------|------------|
| ST 4000/L M10                                                                        | 15   | 1809150000 |
| ST 4000/L M10 F                                                                      | 15   | 1809160000 |
| Weidmüller creates drawings according to the customer specified ST 4000 application. |      |            |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| ST 4000/L J2 M10   |         | 50   | 1809370000 |
| ST 4000/L J4 M10   |         | 25   | 1809390000 |
| Width              |         |      |            |
| ST 4000/L CB M10/4 |         | 100  | 1809280000 |
| ST 4000/L C160     |         | 50   | 1809240000 |
| ST 4000/L P180     | 10 mm   | 50   | 1809200000 |
| ST 4000/L E180     | 10 mm   | 50   | 1809220000 |
| ST 4000/L S180     |         | 1    | 1809480000 |

ST 4000/L M12

240 mm²

Screw thread M12



| IEC                                                        | UL | CSA |
|------------------------------------------------------------|----|-----|
| 4000                                                       |    |     |
| 415                                                        |    |     |
| 240                                                        |    |     |
| 29.5 kV / 3                                                |    |     |
| / V-0                                                      |    |     |
| 10...240 mm²                                               |    |     |
| 25...240 mm²                                               |    |     |
| 14...31 Nm                                                 |    |     |
| Rated voltage when using cable lugs according to DIN 46234 |    |     |

| Type                                                                                 | Qty. | Order No.  |
|--------------------------------------------------------------------------------------|------|------------|
| ST 4000/L M12                                                                        | 15   | 1809170000 |
| ST 4000/L M12 F                                                                      | 15   | 1809180000 |
| Weidmüller creates drawings according to the customer specified ST 4000 application. |      |            |

| Type               | current | Qty. | Order No.  |
|--------------------|---------|------|------------|
| ST 4000/L J2 M12   |         | 50   | 1809400000 |
| ST 4000/L J3 M12   |         | 50   | 1809410000 |
| ST 4000/L J4 M12   |         | 25   | 1809420000 |
| Width              |         |      |            |
| ST 4000/L CB M12/4 |         | 100  | 1809290000 |
| ST 4000/L CB M12/6 |         | 100  | 1809300000 |
| ST 4000/L C160     |         | 50   | 1809240000 |
| ST 4000/L P180     | 10 mm   | 50   | 1809200000 |
| ST 4000/L E180     | 10 mm   | 50   | 1809220000 |
| ST 4000/L S180     |         | 1    | 1809480000 |

For assembly planning and accessories, please contact our customer-specific solutions division. Also see Chapter V – Weidmüller Solutions & Services.

## Extra functions

Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.

All Weidmüller accessories are built to the same high quality standards as the terminals themselves.

### Visual separation – Side covers

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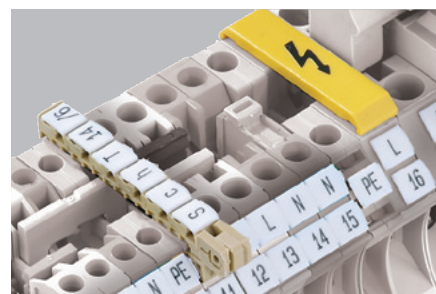


To guarantee “finger-safe” use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts.

End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

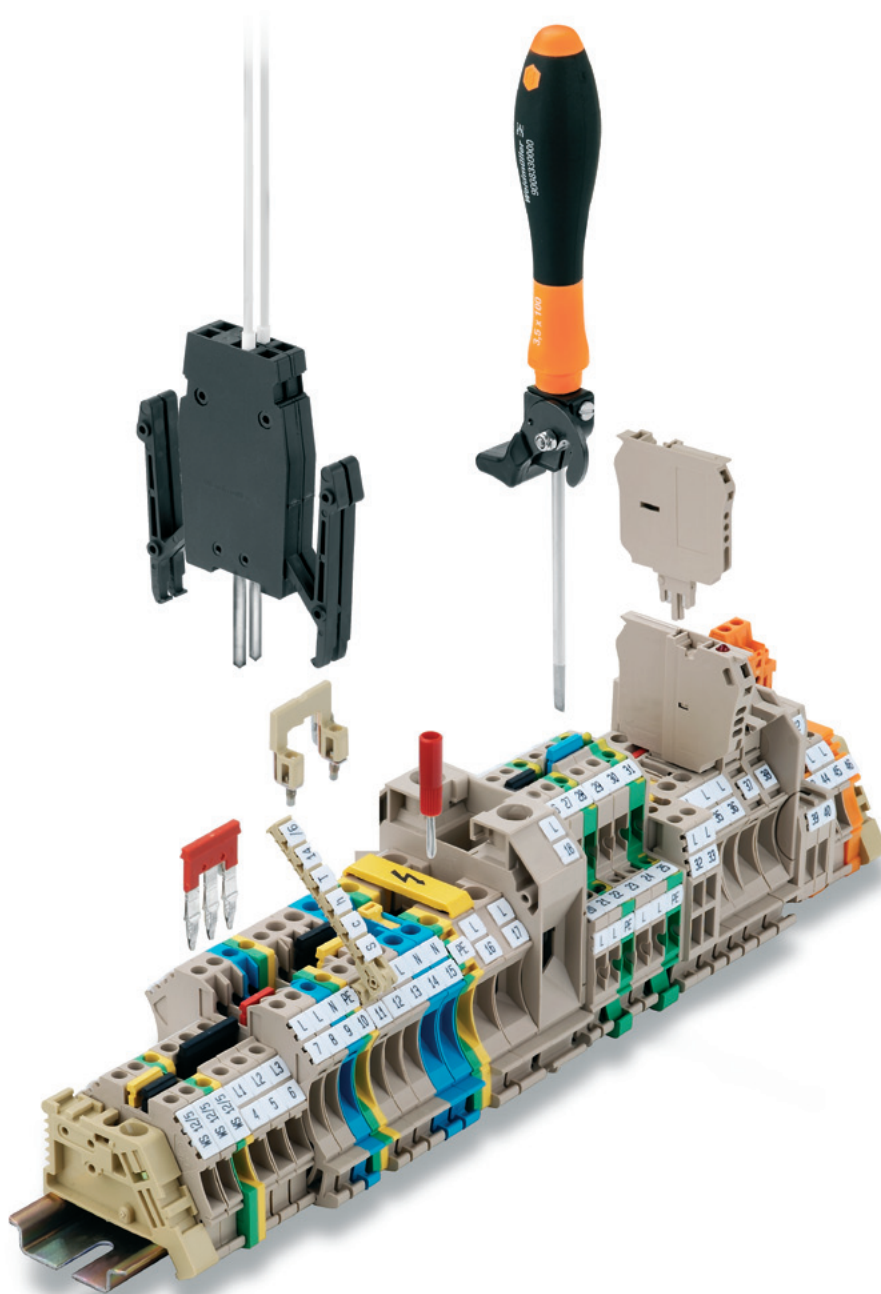
### Labelling

Page D.176



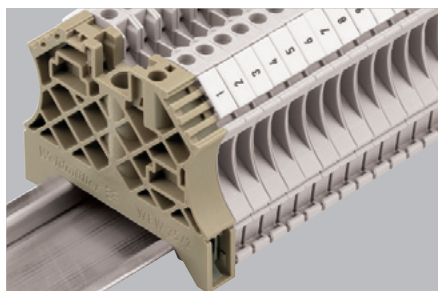
Weidmüller's labelling systems in **chapter F** are used to label screw terminals.

Individual clamping points, terminal groups and conductors can be marked. The cover (WAD) can also be used for labelling mains supply points (see page **D.168**)



**Fastening**

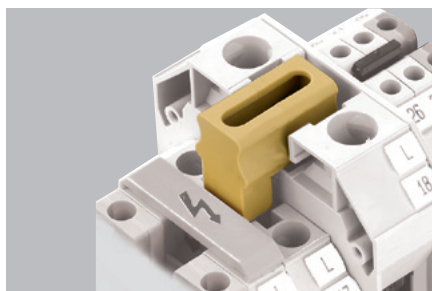
Chapter F



An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

**Power supply**

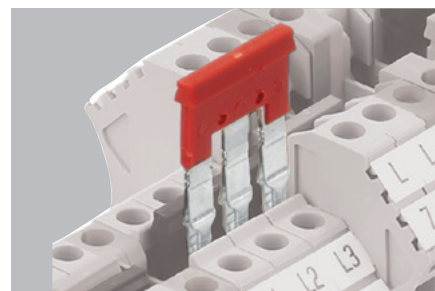
Page D.160



For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4). It is possible to form a link to screw-in cross-connections of smaller cross-sections (WQV 2.5/4/6). This extends current distribution to any number of other terminals of the smaller cross-section.

**Current distribution**

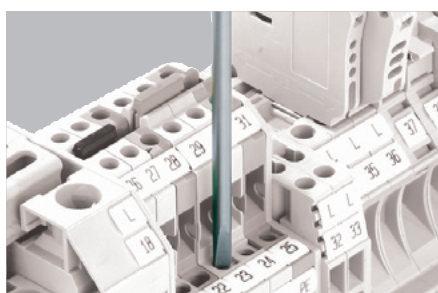
Page D.164



A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm<sup>2</sup>.

**Connecting**

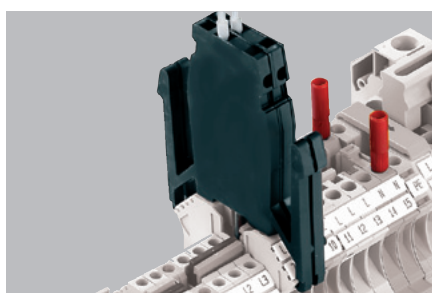
Chapter F



Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F**,

**Testing / checking**

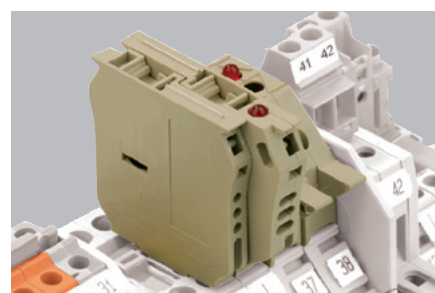
Page D.173



The slot-in test adapter (WTA) is used as both a single unit and a test adapter strip for measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. However, tests with socket and test plugs are also possible (Page D.173).

**Specific functions / colour variations**

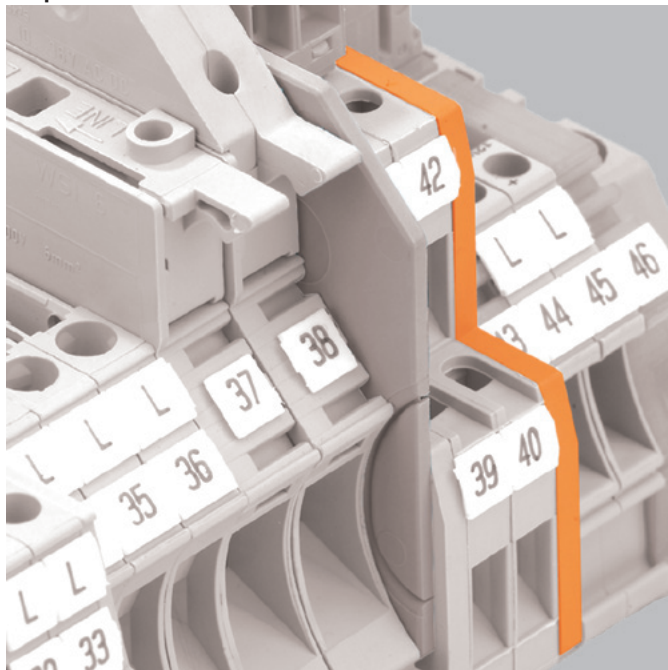
Page D.177



Further helpful accessories are available for terminals using screw clamp technology, such as:

- Pluggable fuse holder (SIHA 1 and SIHA 2)
- Screen plug (LS), short-cir. plug (WDS)
- Extension connectors (WZAD)
- PEN bridges
- Accessories for disconnect test terminals
- Terminals in various colours
- Pre-fitted **terminal blocks**

### End plates



#### Touch protection

With only a few exceptions, the last terminal in a terminal strip must be closed off with a WAP/AP-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures the touch-safe requirement is met for live voltage components. The terminals are touch-safe (DIN EN 50274).

#### Optical separation

Coloured end plates are frequently used for distinguishing the circuits visually.

#### Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

#### Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

#### Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours. All colour variations are classified according to UL94 V-0.

### Ordering data

| Type<br>Width     | Colour          | Qty. | Order No.  | For terminal:          |
|-------------------|-----------------|------|------------|------------------------|
| WAP 2.5-10        | dark beige      | 50   | 1050000000 | WDU 1.5/ZZ             |
| WAP 2.5-10 BL     | blue/light blue | 50   | 1050080000 | WDU 1.5/ZZ BL          |
| WAP 2.5-10 BR     | brown           | 50   | 1050070000 | WDU 10                 |
| WAP 2.5-10 GE     | yellow          | 50   | 1050020000 | WDU 10 BL              |
| WAP 2.5-10 GN     | green           | 50   | 1072200000 | WDU 10 SL              |
| WAP 2.5-10 GR     | grey            | 50   | 1050050000 | WDU 10 SL/EN           |
| WAP 2.5-10 OR     | orange          | 50   | 1050060000 | WDU 10 SL/EN SW        |
| WAP 2.5-10 RT     | red             | 50   | 1050040000 | WDU 2.5                |
| WAP 2.5-10 SW     | black           | 50   | 1050010000 | WDU 2.5 BL             |
| WAP 2.5-10 VI     | violet          | 50   | 1072210000 | WDU 2.5 F 2X2.8        |
| WAP 2.5-10 WS     | white           | 50   | 1050090000 | WDU 2.5 FF 2*2.8       |
| WAP 2.5-10/0.5 mm | transparent     | 50   | 1966380000 | WDU 2.5/1.5/ZR         |
|                   |                 |      |            | WDU 2.5/1.5/ZR BL      |
|                   |                 |      |            | WDU 2.5/TC Type B      |
|                   |                 |      |            | WDU 2.5/TC Type E      |
|                   |                 |      |            | WDU 2.5/TC Type J      |
|                   |                 |      |            | WDU 2.5/TC Type K      |
|                   |                 |      |            | WDU 2.5/TC Type N      |
|                   |                 |      |            | WDU 2.5/TC Type SR     |
|                   |                 |      |            | WDU 2.5/TC Type T      |
|                   |                 |      |            | WDU 4                  |
|                   |                 |      |            | WDU 4 BL               |
|                   |                 |      |            | WDU 4 SL               |
|                   |                 |      |            | WDU 4 SL/EN            |
|                   |                 |      |            | WDU 4 SL/EN SW         |
|                   |                 |      |            | WDU 6                  |
|                   |                 |      |            | WDU 6 BL               |
|                   |                 |      |            | WDU 6 SL               |
|                   |                 |      |            | WDU 6 SL/EN            |
|                   |                 |      |            | WDU 6 SL/EN SW         |
|                   |                 |      |            | WDUL 4 100R/0.75W POTI |
|                   |                 |      |            | WDUL 4 10K/0.75W POTI  |
|                   |                 |      |            | WDUL 4 10R/0.75W POTI  |
|                   |                 |      |            | WDUL 4 1K/0.75W POTI   |
|                   |                 |      |            | WDUL 4 500K/0.1W POTI  |
|                   |                 |      |            | WDUL 4 500R/0.75W POTI |
|                   |                 |      |            | WDUL 4 50K/0.75W POTI  |
|                   |                 |      |            | WDUL 4 5K/0.75W        |
|                   |                 |      |            | WDUL 4 OHNE POTI       |
|                   |                 |      |            | WNT 10 10X3            |
|                   |                 |      |            | WNT 10 10X3 BE         |
|                   |                 |      |            | WNT 2.5 10X3           |
|                   |                 |      |            | WNT 2.5 10X3 BE        |
|                   |                 |      |            | WNT 4 10X3             |
|                   |                 |      |            | WNT 4 10X3 BE          |
|                   |                 |      |            | WNT 6 10X3             |
|                   |                 |      |            | WNT 6 10X3 BE          |
|                   |                 |      |            | WPE 1.5/ZZ             |
|                   |                 |      |            | WPE 10                 |
|                   |                 |      |            | WPE 2.5                |



## Ordering data

| Type                    | Colour          | Qty. | Order No.         | For terminal:           |
|-------------------------|-----------------|------|-------------------|-------------------------|
| Width                   |                 |      |                   |                         |
| WAP 16+35 WTW 2.5-10    | dark beige      | 20   | <b>1050100000</b> | WDK 2.5 / 800V          |
| WAP 16+35 WTW 2.5-10 BL | blue/light blue | 20   | <b>1050180000</b> | WDK 2.5 FF              |
| WAP 16+35 WTW 2.5-10 OR | orange          | 20   | <b>1050160000</b> | WDU 1.5/ZZ              |
|                         |                 |      |                   | WDU 1.5/ZZ BL           |
|                         |                 |      |                   | WDU 10                  |
|                         |                 |      |                   | WDU 10 BL               |
|                         |                 |      |                   | WDU 10 SL               |
|                         |                 |      |                   | WDU 10 SL/EN            |
|                         |                 |      |                   | WDU 10 SL/EN SW         |
|                         |                 |      |                   | WDU 10/ZR               |
|                         |                 |      |                   | WDU 10/ZR BL            |
|                         |                 |      |                   | WDU 16/ZA               |
|                         |                 |      |                   | WDU 16/ZA BL            |
|                         |                 |      |                   | WDU 2.5                 |
|                         |                 |      |                   | WDU 2.5 BL              |
|                         |                 |      |                   | WDU 2.5 F 2X2.8         |
|                         |                 |      |                   | WDU 2.5 FF 2X2.8        |
|                         |                 |      |                   | WDU 2.5/1.5/ZR          |
|                         |                 |      |                   | WDU 2.5/1.5/ZR BL       |
|                         |                 |      |                   | WDU 2.5/TC Type B       |
|                         |                 |      |                   | WDU 2.5/TC Type E       |
|                         |                 |      |                   | WDU 2.5/TC Type J       |
|                         |                 |      |                   | WDU 2.5/TC Type K       |
|                         |                 |      |                   | WDU 2.5/TC Type N       |
|                         |                 |      |                   | WDU 2.5/TC Type SR      |
|                         |                 |      |                   | WDU 2.5/TC Type T       |
|                         |                 |      |                   | WDU 2.5N/600 UL         |
|                         |                 |      |                   | WDU 35/1K/ZA            |
|                         |                 |      |                   | WDU 4                   |
|                         |                 |      |                   | WDU 4 BL                |
|                         |                 |      |                   | WDU 4 SL                |
|                         |                 |      |                   | WDU 4 SL/EN             |
|                         |                 |      |                   | WDU 4 SL/EN SW          |
|                         |                 |      |                   | WDU 6                   |
|                         |                 |      |                   | WDU 6 BL                |
|                         |                 |      |                   | WDU 6 SL                |
|                         |                 |      |                   | WDU 6 SL/EN             |
|                         |                 |      |                   | WDU 6 SL/EN SW          |
|                         |                 |      |                   | WDUL 4 100R/0.75W POTI  |
|                         |                 |      |                   | WDUL 4 10K/0.75W POTI   |
|                         |                 |      |                   | WDUL 4 10R/0.75W POTI   |
|                         |                 |      |                   | WDUL 4 1K/0.75W POTI    |
|                         |                 |      |                   | WDUL 4 500K/0.1W POTI   |
|                         |                 |      |                   | WDUL 4 500R/0.75W POTI  |
|                         |                 |      |                   | WDUL 4 50K/0.75W POTI   |
|                         |                 |      |                   | WDUL 4 5K/0.75W         |
|                         |                 |      |                   | WDUL 4 OHNE POTI        |
|                         |                 |      |                   | WPE 1.5/ZZ              |
|                         |                 |      |                   | WPE 10                  |
|                         |                 |      |                   | WSI 6                   |
| Width                   |                 |      |                   |                         |
| WAP WDK2.5              | dark beige      | 20   | <b>1059100000</b> | WDK 2.5                 |
| WAP WDK2.5 BL           | blue/light blue | 20   | <b>1059180000</b> | WDK 2.5 DU-PE           |
| WAP WDK2.5 GN           | green           | 20   | <b>1059140000</b> | WDK 2.5 F               |
|                         |                 |      |                   | WDK 2.5 F BL            |
|                         |                 |      |                   | WDK 2.5 FF              |
|                         |                 |      |                   | WDK 2.5 FV              |
|                         |                 |      |                   | WDK 2.5 LD GR 1R 24VDC  |
|                         |                 |      |                   | WDK 2.5 LD GR 1R 24VDC  |
|                         |                 |      |                   | WDK 2.5 LD ROT 1R 24VDC |
|                         |                 |      |                   | WDK 2.5 LD ROT 1R 24VDC |
|                         |                 |      |                   | WDK 2.5 PE              |
|                         |                 |      |                   | WDK 2.5 / 800V          |
|                         |                 |      |                   | WDK 2.5 ZQV             |
|                         |                 |      |                   | WDK 2.5 ZQV BL          |
|                         |                 |      |                   | WDK 2.5/D               |
|                         |                 |      |                   | WDK 2.5V                |
|                         |                 |      |                   | WDK 2.5V BL             |
|                         |                 |      |                   | WDK 2.5 1D A.1          |
|                         |                 |      |                   | WDK 2.5 1D A.2          |
|                         |                 |      |                   | WDK 2.5 2D              |
|                         |                 |      |                   | WDK 2.5 2D              |
|                         |                 |      |                   | WDK 2.5 2D              |
|                         |                 |      |                   | WDK 2.5 BL              |
|                         |                 |      |                   | WDK 2.5 D               |

## Ordering data

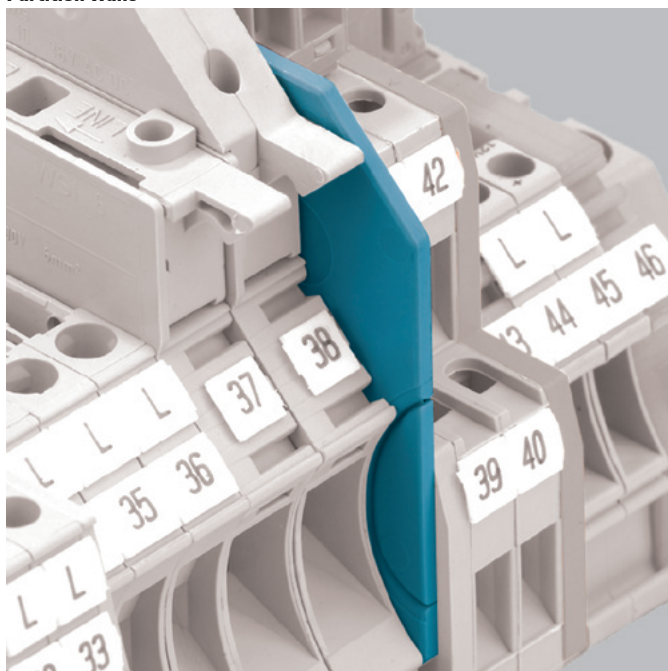
| Type                   | Colour          | Qty. | Order No.         | For terminal:          |
|------------------------|-----------------|------|-------------------|------------------------|
| Width                  |                 |      |                   |                        |
| WAP WTR2.5/ZZ          | dark beige      | 20   | <b>1074600000</b> | WTR 2.5/ZZ             |
| WAP WTR2.5/ZZ BL       | blue/light blue | 20   | <b>1074680000</b> | WTR 2.5/ZZ BL          |
| WAP WDK2.5/BLZ/0.ZA LG | light grey      | 20   | <b>1112130000</b> |                        |
| Width                  |                 |      |                   |                        |
| WAP WDU/WTR4/ZR        | dark beige      | 50   | <b>1905070000</b> | WDU 4/ZR               |
| WAP WDU/WTR4/ZZ        | dark beige      | 50   | <b>1905150000</b> | WDU 4/ZZ               |
|                        |                 |      |                   | WPE 4/ZR               |
|                        |                 |      |                   | WPE 4/ZZ               |
|                        |                 |      |                   | WTR 4/ZR               |
|                        |                 |      |                   | WTR 4/ZR STB           |
|                        |                 |      |                   | WTR 4/ZZ               |
|                        |                 |      |                   | WTR 4/ZZ STB           |
| Width                  |                 |      |                   |                        |
| WAP WDL2.5/S           | dark beige      | 20   | <b>1067700000</b> | WDL 2.5/S/L            |
|                        |                 |      |                   | WDL 2.5/S/L/L          |
|                        |                 |      |                   | WDL 2.5/S/L/L/PE       |
|                        |                 |      |                   | WDL 2.5/S/N/L/PE       |
|                        |                 |      |                   | WDL 2.5/S/NT/L/PE      |
| Width                  |                 |      |                   |                        |
| WAP WDL2.5             | beige           | 20   | <b>1067800000</b> | WDL 2.5/L              |
|                        |                 |      |                   | WDL 2.5/L/L            |
|                        |                 |      |                   | WDL 2.5/L/L/PE         |
|                        |                 |      |                   | WDL 2.5/N/L/PE         |
|                        |                 |      |                   | WDL 2.5/NT/L/PE        |
| Width                  |                 |      |                   |                        |
| WAP WDU1.5/BLZ         | dark beige      | 50   | <b>1577330000</b> | WDU 1.5/BLZ 5.08       |
| WAP WDU1.5/BLZ/ZA      | dark beige      | 50   | <b>1577320000</b> | WDU 1.5/ZQV/BLZ 5.08   |
|                        |                 |      |                   | WDU 2.5/BLZ/7.62       |
| Width                  |                 |      |                   |                        |
| WAP WDK2.5/BLZ/M.ZA    | blue            | 20   | <b>1070100000</b> | WDK 2.5 BLZ/5.08/ZA    |
| WAP WDK2.5/BLZ/0.ZA    | dark beige      | 20   | <b>1070000000</b> | WDK 2.5 BLZ/7.62/ZA    |
| Width                  |                 |      |                   |                        |
| AP DLI2.5 DB           | dark beige      | 20   | <b>1783550000</b> | DLA 2.5 DB             |
|                        |                 |      |                   | DLA 2.5/D DB           |
|                        |                 |      |                   | DLA 2.5/LD-GN/D DB     |
|                        |                 |      |                   | DLA 2.5/LD-RT DB       |
|                        |                 |      |                   | DLI 2.5 DB             |
|                        |                 |      |                   | DLI 2.5/LD-GN/NPN → DB |
|                        |                 |      |                   | DLI 2.5/LD-GN/PNP → DB |
|                        |                 |      |                   | DLI 2.5/LD-RT/NPN → DB |
|                        |                 |      |                   | DLI 2.5/LD-RT/PNP → DB |
| Width                  |                 |      |                   |                        |
| AP DLD2.5 DB           | dark beige      | 20   | <b>1784210000</b> | DLD 2.5 DB             |
| AP DLD2.5/PE DB        | dark beige      | 20   | <b>1783800000</b> | DLD 2.5/PE DB          |
| Width                  |                 |      |                   |                        |
| WAP WTL6/1             | dark beige      | 20   | <b>1068300000</b> | WTD 6/1 EN             |
|                        |                 |      |                   | WTL 6/1 EN             |
|                        |                 |      |                   | WTL 6/1 EN STB         |
|                        |                 |      |                   | WTL 6/1/STB/TNSC/EN    |
|                        |                 |      |                   | WTQ 6/1 EN             |
|                        |                 |      |                   | WTQ 6/1 EN STB         |
| Width                  |                 |      |                   |                        |
| ZAP/TW 1               | dark beige      | 50   | <b>1608740000</b> | WTL 4                  |
| ZAP/TW 1 BL            | blue/light blue | 50   | <b>1608750000</b> | WTL 4/STB              |
| ZAP/TW 1 GN            | green           | 50   | <b>1683680000</b> |                        |
| ZAP/TW 1 GR            | grey            | 50   | <b>1683710000</b> |                        |
| ZAP/TW 1 OR            | orange          | 50   | <b>1608760000</b> |                        |
| ZAP/TW 1 RT            | red             | 50   | <b>1683660000</b> |                        |
| Width                  |                 |      |                   |                        |
| WAP WDU1.5/R3.5        | beige           | 20   | <b>1754190000</b> | WDK 1.5/R3.5           |
|                        |                 |      |                   | WDK 1.5/R3.5 BL        |
|                        |                 |      |                   | WDU 1.5/R3.5           |
|                        |                 |      |                   | WDU 1.5/R3.5 BL        |
|                        |                 |      |                   | WPE 1.5/R3.5           |
| Width                  |                 |      |                   |                        |
| WAP WDK1.5/R3.5        | dark beige      | 20   | <b>1754200000</b> | WDK 1.5/R3.5           |
|                        |                 |      |                   | WDK 1.5/R3.5 BL        |
| Width                  |                 |      |                   |                        |
| AP AKZ1.5              | beige           | 50   | <b>0340560000</b> | AKZ 1.5                |
| AP AKZ1.5 BL           | blue            | 50   | <b>0340580000</b> | AKZ 1.5 BL             |
| Width                  |                 |      |                   |                        |
| AP AKZ2.5              | beige           | 50   | <b>0697360000</b> | AKZ 2.5                |
| AP AKZ2.5 BL           | blue            | 50   | <b>0697380000</b> | AKZ 2.5 BL             |

## Accessories - Optical separation / lateral cover

## Ordering data

| Ordering data     |                   |      |            |                           |
|-------------------|-------------------|------|------------|---------------------------|
| Type              | Colour            | Qty. | Order No.  | For terminal:             |
| Width             |                   |      |            |                           |
| ADL               | beige             | 2    | 0210800000 | AKZ 4                     |
| AP AKZ4 DB        | beige             | 20   | 9537910000 | AKZ 4 BL                  |
| AP 100 GR         | grey              | 20   | 1773410000 |                           |
| AP AKZ4           | beige             | 20   | 0294460000 |                           |
| AP AKZ4 BL        | blue              | 20   | 0294480000 |                           |
| AP AKZ4 KRG       | dark beige/yellow | 20   | 0294420000 |                           |
| AP AKZ4 KRS       | anthracite        | 20   | 0294430000 |                           |
| Width             |                   |      |            |                           |
| WAP WDU2.5N/4N    | dark beige        | 50   | 1060000000 | WDU 2.5N                  |
| WAP WDU2.5N/4N BL | blue/light blue   | 50   | 1060080000 | WDU 2.5N BL               |
| WAP WDU2.5N/4N GE | yellow            | 50   | 1060090000 | WDU 2.5N ZQV              |
| WAP WDU2.5N/4N OR | orange            | 50   | 1060060000 | WDU 2.5N ZQV BL           |
|                   |                   |      |            | WDU 4N                    |
|                   |                   |      |            | WDU 4N BL                 |
|                   |                   |      |            | WPE 2.5N                  |
|                   |                   |      |            | WPE 4N                    |
| Width             |                   |      |            |                           |
| WAP WDK2.5/4 N    | dark beige        | 20   | 1084000000 | WDK 2.5N                  |
| WAP WDK2.5/4 N BL | orange            | 20   | 1084080000 | WDK 4N V                  |
|                   |                   |      |            | WDK 2.5N DU-PE            |
|                   |                   |      |            | WDK 2.5N PE               |
|                   |                   |      |            | WDK 2.5N V                |
|                   |                   |      |            | WDK 2.5N/BL               |
|                   |                   |      |            | WDK 4N                    |
|                   |                   |      |            | WDK 4N BL                 |
|                   |                   |      |            | WDK 4N DU-PE              |
|                   |                   |      |            | WDK 4N PE                 |
| Width             |                   |      |            |                           |
| WAP WTL6/3        | beige             | 20   | 1879910000 | WTL 6/3                   |
| Width             |                   |      |            |                           |
| WAP WTL 6 SL      | beige             | 20   | 9538110000 | WTD 6 SL                  |
|                   |                   |      |            | WTD 6 SL/EN               |
|                   |                   |      |            | WTL 6 SL                  |
|                   |                   |      |            | WTL 6 SL/EN               |
|                   |                   |      |            | WTL 6 SL/EN SW            |
| Width             |                   |      |            |                           |
| WAP WTL4/2        | beige             | 50   | 1881640000 | WTL 4/2/STB               |
| Width             |                   |      |            |                           |
| WAP WTL6/4FF      | beige             | 20   | 1887240000 | WTL 6/4FF                 |
| Width             |                   |      |            |                           |
| WAP WSI4/2        | beige             | 50   | 1880450000 | WSI 4                     |
|                   |                   |      |            | WSI 4/LD 60-150V AC/DC    |
|                   |                   |      |            | WSI 4/2                   |
|                   |                   |      |            | WSI 4/2/LD 10-36V AC/DC   |
|                   |                   |      |            | WSI 4/2/LD 140-250V AC/DC |
|                   |                   |      |            | WSI 4/2/LD 30-70V AC/DC   |
|                   |                   |      |            | WSI 4/2/LD 60-150V AC/DC  |
|                   |                   |      |            | WSI 4/LD 10-36V AC/DC     |
|                   |                   |      |            | WSI 4/LD 140-250V AC/DC   |
|                   |                   |      |            | WSI 4/LD 30-70V AC/DC     |
| Width             |                   |      |            |                           |
| AP VLI1.5 DB      | dark beige        | 20   | 1784150000 | VLI 1.5                   |
| AP VLI1.5/PE DB   | dark beige        | 20   | 1784160000 | VLI 1.5 DB                |
|                   |                   |      |            | VLI 1.5/PE                |
|                   |                   |      |            | VLI 1.5/PE DB             |
| Width             |                   |      |            |                           |
| AP MAK2.5 DB      | dark beige        | 20   | 7917000000 | MAK 2.5                   |
|                   |                   |      |            | MAK 2.5 DB                |
| Width             |                   |      |            |                           |
| WAP WFF120        | dark beige        | 20   | 1073000000 | WFF 120                   |
| WAP WFF35         | dark beige        | 20   | 1069700000 | WFF 70/AH                 |
| WAP WFF70         | dark beige        | 20   | 1069800000 | WFF 120 BL                |
|                   |                   |      |            | WFF 120/3/B               |
|                   |                   |      |            | WFF 120/AH                |
|                   |                   |      |            | WFF 35                    |
|                   |                   |      |            | WFF 35 BL                 |
|                   |                   |      |            | WFF 35/AH                 |
|                   |                   |      |            | WFF 70                    |
|                   |                   |      |            | WFF 70 BL                 |

## Partition walls



### Ensuring the operating voltage

The main function of the partitions is to maintain the clearance and creepage distances, as required by the operating voltage. This includes applications with higher security levels (ATEX) or neighbouring groups of cross-connections. For this reason, the partitions are significantly larger than the corresponding terminals.

### Optical separation

The partitions can be used to achieve a very clear separation of circuits on one terminal strip.

### Dimensions

#### WAP 16+35 WTW 2.5-10

Length: 60 mm

Height with TS 35 x 7.5: 63 mm

#### WTW EN

Length: 86 mm

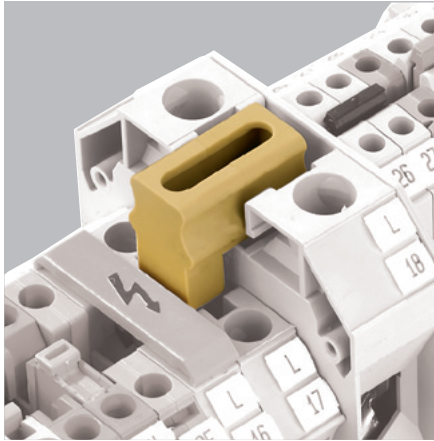
Height with TS 35 x 7.5: 63 mm

## Ordering data

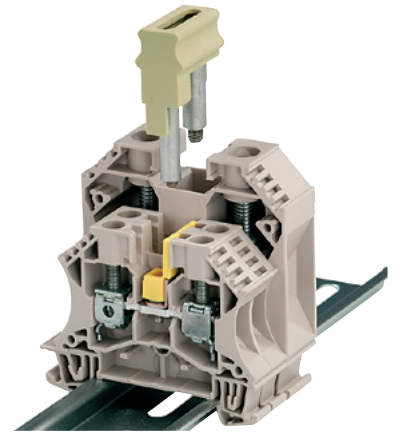
| Type<br>Width           | Colour          | Qty. | Order No.         | For terminal:          |
|-------------------------|-----------------|------|-------------------|------------------------|
| WAP 16+35 WTW 2.5-10    | dark beige      | 20   | <b>1050100000</b> | WDK 2.5 / 800V         |
| WAP 16+35 WTW 2.5-10 BL | blue/light blue | 20   | <b>1050180000</b> | WDK 2.5 FF             |
| WAP 16+35 WTW 2.5-10 OR | orange          | 20   | <b>1050160000</b> | WDU 1.5/ZZ             |
|                         |                 |      |                   | WDU 1.5/ZZ BL          |
|                         |                 |      |                   | WDU 10                 |
|                         |                 |      |                   | WDU 10 BL              |
|                         |                 |      |                   | WDU 10 SL              |
|                         |                 |      |                   | WDU 10 SL/EN           |
|                         |                 |      |                   | WDU 10 SL/EN SW        |
|                         |                 |      |                   | WDU 10/ZR              |
|                         |                 |      |                   | WDU 10/ZR BL           |
|                         |                 |      |                   | WDU 16/ZA              |
|                         |                 |      |                   | WDU 16/ZA BL           |
|                         |                 |      |                   | WDU 2.5                |
|                         |                 |      |                   | WDU 2.5 BL             |
|                         |                 |      |                   | WDU 2.5 F 2X2.8        |
|                         |                 |      |                   | WDU 2.5 FF 2*2.8       |
|                         |                 |      |                   | WDU 2.5/1.5/ZR         |
|                         |                 |      |                   | WDU 2.5/1.5/ZR BL      |
|                         |                 |      |                   | WDU 2.5/TC Type B      |
|                         |                 |      |                   | WDU 2.5/TC Type E      |
|                         |                 |      |                   | WDU 2.5/TC Type J      |
|                         |                 |      |                   | WDU 2.5/TC Type K      |
|                         |                 |      |                   | WDU 2.5/TC Type N      |
|                         |                 |      |                   | WDU 2.5/TC Type SR     |
|                         |                 |      |                   | WDU 2.5/TC Type T      |
|                         |                 |      |                   | WDU 2.5N/600 UL        |
|                         |                 |      |                   | WDU 35/IK/ZA           |
|                         |                 |      |                   | WDU 4                  |
|                         |                 |      |                   | WDU 4 BL               |
|                         |                 |      |                   | WDU 4 SL               |
|                         |                 |      |                   | WDU 4 SL/EN            |
|                         |                 |      |                   | WDU 4 SL/EN SW         |
|                         |                 |      |                   | WDU 6                  |
|                         |                 |      |                   | WDU 6 BL               |
|                         |                 |      |                   | WDU 6 SL               |
|                         |                 |      |                   | WDU 6 SL/EN            |
|                         |                 |      |                   | WDU 6 SL/EN SW         |
|                         |                 |      |                   | WDUL 4 100R/0.75W POTI |
|                         |                 |      |                   | WDUL 4 10K/0.75W POTI  |
|                         |                 |      |                   | WDUL 4 10R/0.75W POTI  |
|                         |                 |      |                   | WDUL 4 1K/0.75W POTI   |
|                         |                 |      |                   | WDUL 4 500K/0.1W POTI  |
|                         |                 |      |                   | WDUL 4 500R/0.75W POTI |
|                         |                 |      |                   | WDUL 4 50K/0.75W POTI  |
|                         |                 |      |                   | WDUL 4 5K/0.75W        |
|                         |                 |      |                   | WDUL 4 OHNE POTI       |
|                         |                 |      |                   | WPE 1.5/ZZ             |
|                         |                 |      |                   | WPE 10                 |
|                         |                 |      |                   | WSI 6                  |
| <b>Width</b>            |                 |      |                   |                        |
| WTW EN                  | dark beige      | 20   | <b>1058800000</b> | SAKS 2/35 DB           |
|                         |                 |      |                   | WDK 2.5N DU-PE         |
|                         |                 |      |                   | WDK 2.5N PE            |
|                         |                 |      |                   | WDK 2.5N V             |
|                         |                 |      |                   | WDK 2.5N/BL            |
|                         |                 |      |                   | WDK 2.5V               |
|                         |                 |      |                   | WDK 2.5V BL            |
|                         |                 |      |                   | WDK 4N PE              |
|                         |                 |      |                   | WDU 16N                |
|                         |                 |      |                   | WDU 16N BL             |
|                         |                 |      |                   | WDU 35N                |
|                         |                 |      |                   | SAKS 4/35 DB           |
|                         |                 |      |                   | WDU 35N BL             |
|                         |                 |      |                   | WTD 6 SL               |
|                         |                 |      |                   | WTD 6 SL/EN            |
|                         |                 |      |                   | WTL 6 SL               |
|                         |                 |      |                   | WTL 6 SL/EN            |
|                         |                 |      |                   | WTL 6 SL/EN SW         |
|                         |                 |      |                   | SAKS 5/35 DB           |
|                         |                 |      |                   | WDK 2.5                |
|                         |                 |      |                   | WDK 2.5 BL             |
|                         |                 |      |                   | WDK 2.5 DU-PE          |
|                         |                 |      |                   | WDK 2.5 ZQV            |
|                         |                 |      |                   | WDK 2.5 ZQV BL         |
|                         |                 |      |                   | WDK 2.5N               |



## Potential supply with cross-section reduction



### Mounting



Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction). After cross-section reduction, the supply can then be distributed on to any number of terminals of this same cross-section, using standard cross-connectors.

### Function

- Larger conductor cross-section can be used for power supply
- Central current supply and distribution to any number of circuits

First, prepare the **standard cross-connection** that is to distribute the current to other terminals of smaller conductor cross-section. To do so, break off the plastic screwdriver guide at the first pole of the cross-connection by bending it back and forth at the intended break-off point, and remove the fixing screw. Then place the cross-connection in the middle of the terminal.

Now insert the **cross-connection for cross-section reduction** so that there is an overlap of the live parts of the first terminal of the smaller cross-section. Fasten with the screws in the cross-section reduction.

**Important!** The “QL” cross-section reductions are not finger-safe. This can be easily remedied by using the WAD covers for the corresponding terminals.

Potential supply with cross-section reduction

Power supply via

Output terminal

WDU 35

onto WDU 2.5



| Technical data            |        |
|---------------------------|--------|
| Continuous current 2-pole | A      |
| Thread size               |        |
| Tightening torque         | Nm     |
| Ordering data             |        |
|                           | 2-pole |

| to WDU 35   |      | to WDU 2.5  |  |
|-------------|------|-------------|--|
| 41          |      |             |  |
| M 4         |      | M 2.5       |  |
| 1.2 ... 1.8 |      | 0.4 ... 0.7 |  |
| Type        | Qty. | Order No.   |  |
| WQV 35-2.5  | 10   | 1064100000  |  |

WDU 35

onto WDU 10



| to WDU 35   |      | to WDU 10   |  |
|-------------|------|-------------|--|
| 57          |      |             |  |
| M 4         |      | M 3         |  |
| 1.2 ... 1.8 |      | 0.5 ... 0.8 |  |
| Type        | Qty. | Order No.   |  |
| WQV 35-10   | 10   | 1068000000  |  |

Power supply via

Output terminal

WDU 16

WDU 2.5



| Technical data            |        |
|---------------------------|--------|
| Continuous current 2-pole | A      |
| Thread size               |        |
| Tightening torque         | Nm     |
| Ordering data             |        |
|                           | 2-pole |

| to WDU 16   |      | to WDU 2.5  |  |
|-------------|------|-------------|--|
| 41          |      |             |  |
| M 4         |      | M 2.5       |  |
| 1.2 ... 1.8 |      | 0.4 ... 0.7 |  |
| Type        | Qty. | Order No.   |  |
| WQV 16-2.5  | 10   | 1063900000  |  |

Power supply via

Output terminal

WDU 10

WDU 2.5



| Technical data            |        |
|---------------------------|--------|
| Continuous current 2-pole | A      |
| Thread size               |        |
| Tightening torque         | Nm     |
| Ordering data             |        |
|                           | 2-pole |
| Note                      |        |

| to WDU 10       |      | to WDU 2.5  |  |
|-----------------|------|-------------|--|
| 24              |      |             |  |
| M 3             |      | M 2.5       |  |
| 0.5 ... 0.8     |      | 0.4 ... 0.7 |  |
| Type            | Qty. | Order No.   |  |
| QL 10-2.5       | 10   | 1859620000  |  |
| not finger-safe |      |             |  |

**Note:**  
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

Accessories – Potential supply

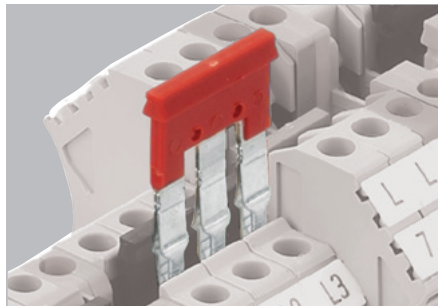
Potential supply with cross-section reduction

| Power supply via                                                                   | WDU 16N         | WDU 16N       | WDU 6       |              |             |             |
|------------------------------------------------------------------------------------|-----------------|---------------|-------------|--------------|-------------|-------------|
| Output terminal                                                                    | WDU 2.5         | WDU 4 / WDU 6 | WDU 2.5     |              |             |             |
|  |                 |               |             |              |             |             |
| Technical data                                                                     | to WDU 16       | to WDU 2.5    | to WDU 16N  | to WDU 4 / 6 | to WDU 6    | to WDU 2.5  |
| Continuous current 2-pole                                                          | 24              |               | 41          |              | 24          |             |
| Thread size                                                                        | M 3             | M 2.5         | M 3         | M 3          | M 3         | M 2.5       |
| Tightening torque                                                                  | 0.5 ... 0.8     | 0.4 ... 0.7   | 0.5 ... 0.8 | 0.5 ... 0.8  | 0.5 ... 0.8 | 0.4 ... 0.7 |
| Ordering data                                                                      | Type            | Qty.          | Order No.   | Type         | Qty.        | Order No.   |
| 2-pole                                                                             | WQV 16N-2.5     | 10            | 1073100000  | WQV 16N-4/6  | 10          | 1072500000  |
| Note                                                                               | not finger-safe |               |             |              |             |             |

**Note:**  
Cross-section reducing cross-connectors may **not** be used in ATEX applications.



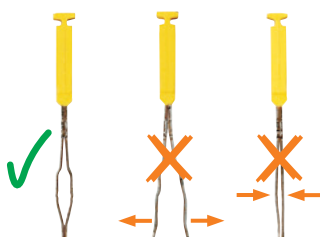
# ZQV plug-in cross-connection



Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

## Assembly / Technical information

- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Finger-safe to VDE 0160 part 100 (VGB4)
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed

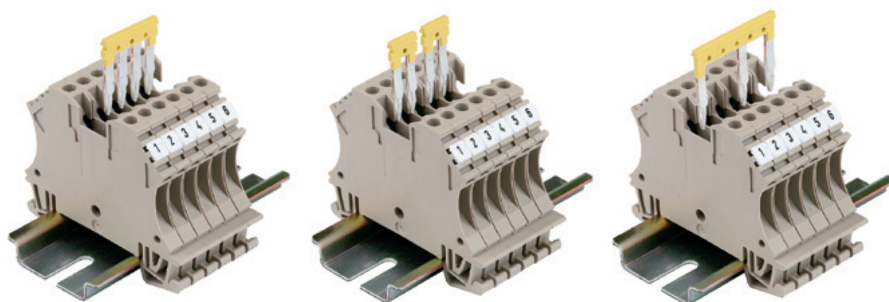


## In one cross-connection channel

single

adjacent

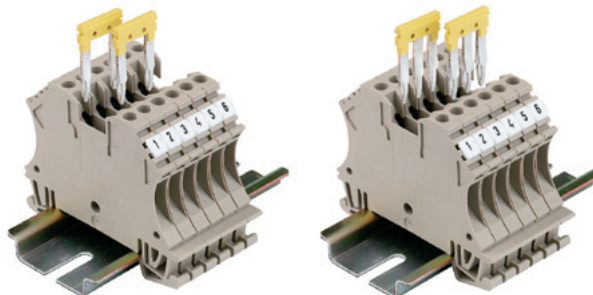
bridging



## In two cross-connection channels

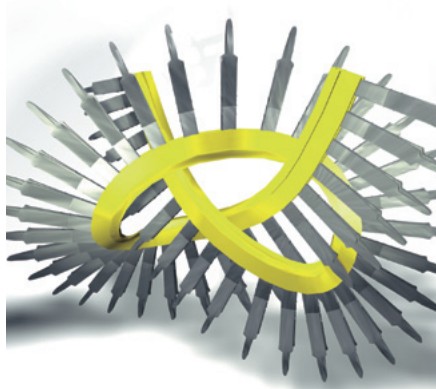
parallel/bridging

parallel/lengthening



## Possible cross-connections of terminals of the same type with corresponding cross-connectors

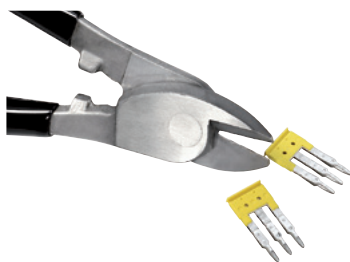
| Terminal type  | Cross-connector | single | adjacent | bridging | parallel bridging | parallel lengthening |
|----------------|-----------------|--------|----------|----------|-------------------|----------------------|
| Standard       |                 |        |          |          |                   |                      |
| WDU 1.5/ R3.5  | ZQV 1.5/ R3.5   | •      | •        | •        |                   |                      |
| WDK 1.5/ R3.5  | ZQV 1.5/ R3.5   | •      | •        | •        |                   |                      |
| WDU 2.5/1.5/ZR | ZQV 2.5N        | •      | •        | •        | •                 | •                    |
| WDU 2.5        | ZQV 2.5N        | •      | •        | •        | •                 | •                    |
| WDK 2.5 ZQV    | ZQV 2.5N        | •      | •        | •        |                   |                      |
| WTR 2.5/ZZ     | ZQV 2.5         | •      | •        | •        |                   |                      |
| WDU 4          | ZQV 4N          | •      | •        | •        | •                 | •                    |
| WTR 4...       | ZQV 4N          | •      | •        | •        |                   |                      |
| WDU/PE/4ZZ/ZR  | ZQV 4N          | •      | •        | •        | •                 | •                    |
| WTR 4/ZZ/ZR    | ZQV 4N          | •      | •        | •        |                   |                      |
| Compact        |                 |        |          |          |                   |                      |
| WDU 2.5N ZQV   | ZQV 2.5N        | •      | •        | •        | •                 | •                    |
| WDK 2.5N...    | ZQV 2.5N        | •      | •        | •        |                   |                      |
| WDK 2.5N PE    | ZQV 2.5N        | •      | •        | •        |                   |                      |
| WDU 4N         | ZQV 4N          | •      | •        | •        | •                 | •                    |
| WDK 4N...      | ZQV 4N          | •      | •        | •        |                   |                      |
| WDK 4N PE      | ZQV 4N          | •      | •        | •        |                   |                      |



### Continuous cross-connection

ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.

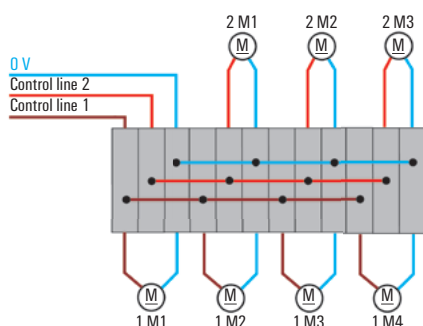
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



### Special features of

WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials  
**Important!** Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials  
**Important!** Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



**Important!** For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.

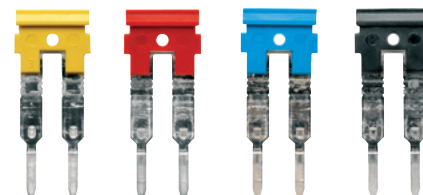
## ZQV 2.5N



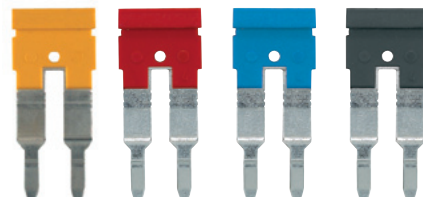
| No. of poles |
|--------------|
| 2            |
| 3            |
| 4            |
| 5            |
| 6            |
| 7            |
| 8            |
| 9            |
| 10           |
| 20           |



| No. of poles |
|--------------|
| 2            |
| 3            |
| 4            |
| 5            |
| 6            |
| 7            |
| 8            |
| 9            |
| 10           |
| 20           |

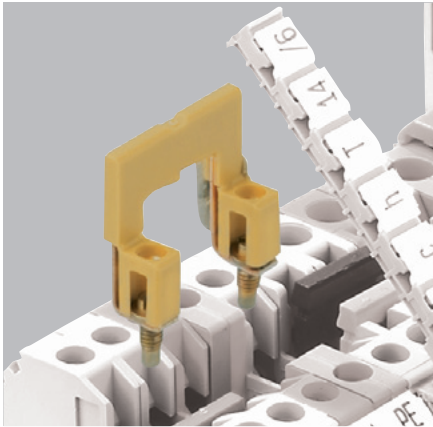


| Type                  | I [A] | Qty. | Order No. yellow | Order No. red | Order No. blue | Order No. black |
|-----------------------|-------|------|------------------|---------------|----------------|-----------------|
| ZQV 2.5N/2            | 24    | 60   | 1693800000       | 1717900000    | 1717990000     | 1718080000      |
| ZQV 2.5N/3            | 24    | 60   | 1693810000       | 1717910000    | 1718000000     | 1718090000      |
| ZQV 2.5N/4            | 24    | 60   | 1693820000       | 1717920000    | 1718010000     | 1718100000      |
| ZQV 2.5N/5            | 24    | 20   | 1693830000       | 1717930000    | 1718020000     | 1718110000      |
| ZQV 2.5N/6            | 24    | 20   | 1693840000       | 1717940000    | 1718030000     | 1718120000      |
| ZQV 2.5N/7            | 24    | 20   | 1693850000       | 1717950000    | 1718040000     | 1718130000      |
| ZQV 2.5N/8            | 24    | 20   | 1693860000       | 1717960000    | 1718050000     | 1718140000      |
| ZQV 2.5N/9            | 24    | 20   | 1693870000       | 1717970000    | 1718060000     | 1718150000      |
| ZQV 2.5N/10           | 24    | 20   | 1693880000       | 1717980000    | 1718070000     | 1718160000      |
| ZQV 2.5N/20           | 24    | 20   | 1909000000       | 1909110000    | 1909140000     | 1909130000      |
| For terminal standard |       |      | compact          |               |                |                 |
| WDU 2.5/1.5 ZR        |       |      | WDU 2.5N         |               |                |                 |
| WDU 2.5               |       |      | WDK 2.5N         |               |                |                 |
| WDK 2.5/ ZQV          |       |      | WDK 2.5N V       |               |                |                 |
| WDU 1.5 BLZ 5.08/ ZQV |       |      | WDK 2.5N DU-PE   |               |                |                 |
|                       |       |      | WMF 2.5...       |               |                |                 |



| No. of poles          | Type      | I [A] | Qty. | Order No. yellow | Order No. red | Order No. blue | Order No. black |
|-----------------------|-----------|-------|------|------------------|---------------|----------------|-----------------|
| 2                     | ZQV 4N/2  | 32    | 60   | 1758250000       | 1793950000    | 1793960000     | 1793970000      |
| 3                     | ZQV 4N/3  | 32    | 60   | 1762630000       | 1793980000    | 1793990000     | 1794000000      |
| 4                     | ZQV 4N/4  | 32    | 60   | 1762620000       | 1794010000    | 1794020000     | 1794030000      |
| 5                     |           |       |      |                  |               |                |                 |
| 6                     |           |       |      |                  |               |                |                 |
| 7                     |           |       |      |                  |               |                |                 |
| 8                     |           |       |      |                  |               |                |                 |
| 9                     |           |       |      |                  |               |                |                 |
| 10                    | ZQV 4N/10 | 32    | 20   | 1758260000       | 1794040000    | 1794050000     | 1794060000      |
| 20                    | ZQV 4N/20 | 32    | 20   | 1909020000       | 1909150000    | 1909100000     | 1909120000      |
| For terminal standard |           |       |      | compact          |               |                |                 |
| WDU 4                 |           |       |      | WDU 4N           |               |                |                 |
| WTR 4                 |           |       |      | WDK 4N           |               |                |                 |
| WTR 4 SI              |           |       |      | WDK 4N V         |               |                |                 |
| WTR 4 SL              |           |       |      | WDK 4N DU-PE     |               |                |                 |
| WTR 4/ZZ+ZR           |           |       |      | WDK 2.5N V       |               |                |                 |
| WDU/PE4/ZZ+ZR         |           |       |      | WDK 2.5N DU-PE   |               |                |                 |

## WQV screw-in cross-connection



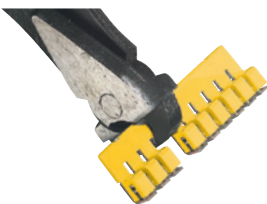
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

### Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

### Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.



- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

### Any number of poles (extending)

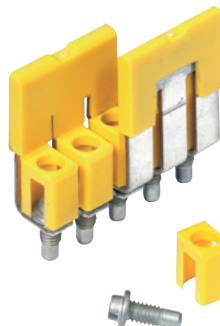
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.



- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

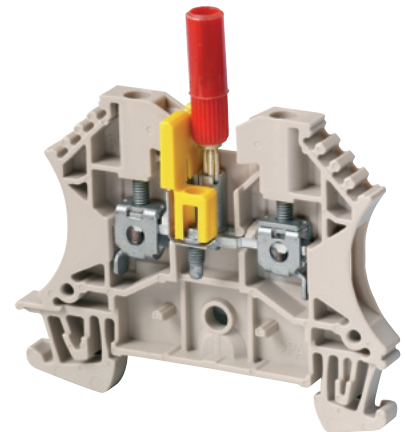


### Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (page D.167).

### WQV in combination with a socket contact and test plug

- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.

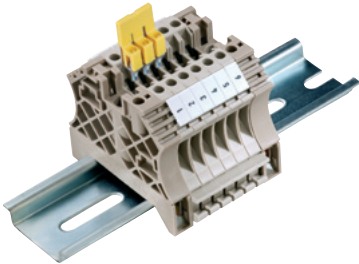




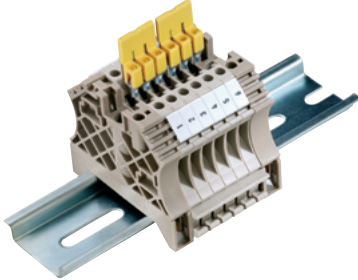
Potential distribution – possible combinations

In one cross-connection channel

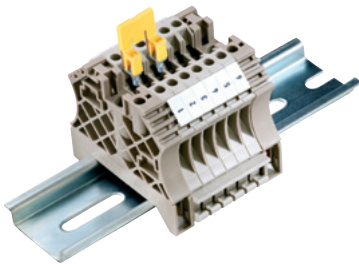
single



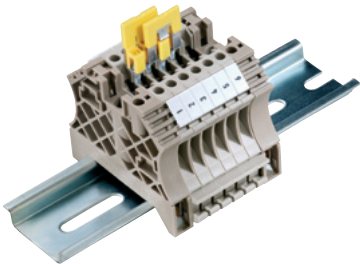
adjacent



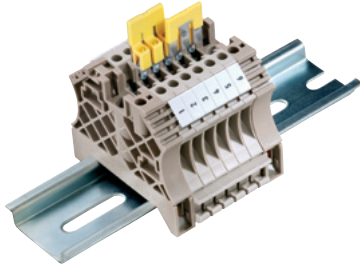
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type  
with appropriate cross-connectors

| Terminal type        | Cross-connector  | single | adjacent | bridging | parallel<br>bridging | parallel<br>lengthening |
|----------------------|------------------|--------|----------|----------|----------------------|-------------------------|
| Standard             |                  |        |          |          |                      |                         |
| WDU 1.5/ZZ           | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 1.5/BLZ          | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 2.5/1.5/ZR       | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 2.5 - WDU 35     | WQV 2.5 - WQV 35 | •      | •        | •        | •                    | •                       |
| WDK 2.5...           | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDK 2.5 PE           | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 2.5/BLZ          | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDK 2.5/BLZ          | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 2.5 F...         | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDK 2.5 F...         | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 4... - WDU 35... | WQV 4 - WQV 35   | •      | •        | •        | •                    | •                       |
| WDU 70/95            | WQV 70/95        | •      | •        |          |                      |                         |
| WDU 120/150          | WQV 120/150      | •      | •        |          |                      |                         |
| WDU 240              | WQB 240          | •      | •        |          |                      |                         |
| Compact              |                  |        |          |          |                      |                         |
| WDU 2.5N             | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 2.5N 600V        | WQV 2.5          | •      | •        | •        | •                    | •                       |
| WDU 16N              | WQV 16N          | •      | •        | •        | •                    | •                       |
| WDU 35N              | WQV 35N          | •      | •        |          |                      |                         |
| WDU 50N              | WQV 50N          | •      | •        |          |                      |                         |
| WDU 70N              | WQV 70N          | •      | •        |          |                      |                         |
| WDU 95N/120N         | WQV 95N/120N     | •      | •        |          |                      |                         |



## WQV 2.5



| Technical data |    |
|----------------|----|
| Current        | A  |
| Type of fixing |    |
| Pitch          | mm |
| Ordering data  |    |
| 2-pole         |    |
| 3-pole         |    |
| 4-pole         |    |
| 5-pole         |    |
| 6-pole         |    |
| 7-pole         |    |
| 8-pole         |    |
| 9-pole         |    |
| 10-pole        |    |
| 15-pole        |    |
| 20-pole        |    |
| 32-pole        |    |

| 32 / 32    |      |            |
|------------|------|------------|
| Screwed    |      |            |
| 5,10       |      |            |
| Type       | Qty. | Order No.  |
| WQV 2.5/2  | 50   | 1053660000 |
| WQV 2.5/3  | 50   | 1053760000 |
| WQV 2.5/4  | 50   | 1053860000 |
| WQV 2.5/5  | 10   | 1053960000 |
| WQV 2.5/6  | 10   | 1054060000 |
| WQV 2.5/7  | 10   | 1054160000 |
| WQV 2.5/8  | 10   | 1054260000 |
| WQV 2.5/9  | 10   | 1054360000 |
| WQV 2.5/10 | 20   | 1054460000 |
| WQV 2.5/15 | 10   | 1059660000 |
| WQV 2.5/20 | 10   | 1577570000 |
| WQV 2.5/32 | 10   | 1577600000 |

**For terminal:**  
 WDU 1.5 ZZ WDK 2.5  
 WDU 1.5 BLZ WDK 2.5 V  
 WDU 2.5/1.5 ZR WDK 2.5 DU-PE  
 WDU 2.5 WDK 2.5 F  
 WDU 2.5 F

## WQV 4



| / 32     |      |            |
|----------|------|------------|
| Screwed  |      |            |
| 6,10     |      |            |
| Type     | Qty. | Order No.  |
| WQV 4/2  | 50   | 1051960000 |
| WQV 4/3  | 50   | 1054560000 |
| WQV 4/4  | 50   | 1054660000 |
| WQV 4/5  | 10   | 1057860000 |
| WQV 4/6  | 10   | 1057160000 |
| WQV 4/7  | 10   | 1057260000 |
| WQV 4/10 | 20   | 1052060000 |

**For terminal:**  
 WDU 4  
 WDU 4 SL

## WQV 6



| / 57     |      |            |
|----------|------|------------|
| Screwed  |      |            |
| 8,00     |      |            |
| Type     | Qty. | Order No.  |
| WQV 6/2  | 50   | 1052360000 |
| WQV 6/3  | 50   | 1054760000 |
| WQV 6/4  | 50   | 1054860000 |
| WQV 6/5  | 50   | 1062660000 |
| WQV 6/6  | 50   | 1062670000 |
| WQV 6/7  | 50   | 1062680000 |
| WQV 6/10 | 20   | 1052260000 |

**For terminal:**  
 WDU 6  
 WDU 6 SL

## WQV 35N



| Technical data |    |
|----------------|----|
| Current        | A  |
| Type of fixing |    |
| Pitch          | mm |
| Ordering data  |    |
| 2-pole         |    |
| 3-pole         |    |
| 4-pole         |    |
| 5-pole         |    |
| 6-pole         |    |
| 7-pole         |    |
| 8-pole         |    |
| 9-pole         |    |
| 10-pole        |    |
| 15-pole        |    |
| 20-pole        |    |
| 32-pole        |    |

| / 101     |      |            |
|-----------|------|------------|
| Screwed   |      |            |
| 16,00     |      |            |
| Type      | Qty. | Order No.  |
| WQV 35N/2 | 20   | 1079200000 |
| WQV 35N/3 | 20   | 1079300000 |
| WQV 35N/4 | 20   | 1079400000 |

**For terminal:**  
 WDU 35N

## WQV 50N



| / 150     |      |            |
|-----------|------|------------|
| Screwed   |      |            |
| 18,50     |      |            |
| Type      | Qty. | Order No.  |
| WQV 50N/2 | 5    | 1834060000 |
| WQV 50N/3 | 5    | 1834070000 |
| WQV 50N/4 | 5    | 1834080000 |

**For terminal:**  
 WDU 50N

## WQV 70N



| / 192     |      |            |
|-----------|------|------------|
| Screwed   |      |            |
| 20,50     |      |            |
| Type      | Qty. | Order No.  |
| WQV 70N/2 | 5    | 9512240000 |
| WQV 70N/3 | 5    | 9512250000 |
| WQV 70N/4 | 5    | 9531290000 |

**For terminal:**  
 WDU 70N

WQV 10



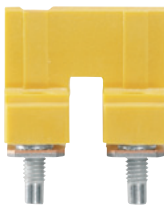
| / 57          |      |            |
|---------------|------|------------|
| Screwed       |      |            |
| 10,00         |      |            |
| Type          | Qty. | Order No.  |
| WQV 10/2      | 50   | 1052560000 |
| WQV 10/3      | 50   | 1054960000 |
| WQV 10/4      | 50   | 1055060000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
| WQV 10/10     | 20   | 1052460000 |
|               |      |            |
|               |      |            |
| For terminal: |      |            |
| WDU 10        |      |            |
| WDU 10 SL     |      |            |
| WDU 10 ZR     |      |            |

WQV 16



| 101 / 76      |      |            |
|---------------|------|------------|
| Screwed       |      |            |
| 12,00         |      |            |
| Type          | Qty. | Order No.  |
| WQV 16/2      | 50   | 1053260000 |
| WQV 16/3      | 50   | 1055160000 |
| WQV 16/4      | 50   | 1055260000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
| WQV 16/10     | 10   | 1053360000 |
|               |      |            |
|               |      |            |
| For terminal: |      |            |
| WDU 16        |      |            |

WQV 16N



| 101 / 76      |      |            |
|---------------|------|------------|
| Screwed       |      |            |
| 12,00         |      |            |
| Type          | Qty. | Order No.  |
| WQV 16N/2     | 50   | 1636560000 |
| WQV 16N/3     | 50   | 1636570000 |
| WQV 16N/4     | 50   | 1636580000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
| For terminal: |      |            |
| WDU 16N       |      |            |

WQV 35



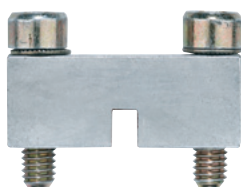
| / 112         |      |            |
|---------------|------|------------|
| Screwed       |      |            |
| 16,00         |      |            |
| Type          | Qty. | Order No.  |
| WQV 35/2      | 50   | 1053060000 |
| WQV 35/3      | 50   | 1055360000 |
| WQV 35/4      | 50   | 1055460000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
| WQV 35/10     | 10   | 1053160000 |
|               |      |            |
|               |      |            |
| For terminal: |      |            |
| WDU 35        |      |            |

WQV 70/95



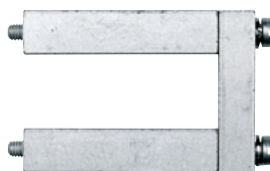
| / 192         |      |            |
|---------------|------|------------|
| Screwed       |      |            |
| 27,00         |      |            |
| Type          | Qty. | Order No.  |
| WQV 70/95/2   | 5    | 1063500000 |
| WQV 70/95/3   | 5    | 1063600000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
| For terminal: |      |            |
| WDU 70/95     |      |            |

WQV 95N/120N



| 269 / 269      |      |            |
|----------------|------|------------|
| Screwed        |      |            |
| 27,00          |      |            |
| Type           | Qty. | Order No.  |
| WQV 95N/120N-2 | 5    | 1826890000 |
| WQV 95N/120N-3 | 5    | 1826900000 |
| WQV 95N/120N-4 | 5    | 1826910000 |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
|                |      |            |
| For terminal:  |      |            |
| WDU 95N/120N   |      |            |

WQV 120



| / 269         |      |            |
|---------------|------|------------|
| Screwed       |      |            |
| 32,00         |      |            |
| Type          | Qty. | Order No.  |
| WQV 120/2     | 5    | 1063300000 |
| WQV 120/3     | 5    | 1063400000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
| For terminal: |      |            |
| WDU 120/150   |      |            |

## Accessories – Potential distribution

## Screwable QV

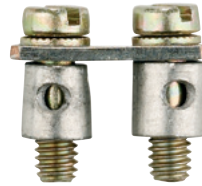
## Q AKZ 4 SS



| Technical data |    |
|----------------|----|
| Current        | A  |
| Type of fixing |    |
| Pitch          | mm |
| Ordering data  |    |
| 2-pole         |    |
| 3-pole         |    |
| 4-pole         |    |
| 5-pole         |    |
| 10-pole        |    |
| 20-pole        |    |

| 20 / 20              |      |            |
|----------------------|------|------------|
| Screwed              |      |            |
| 5,10                 |      |            |
| Type                 | Qty. | Order No.  |
| Q 2 AKZ4SS           | 50   | 0369000000 |
|                      |      |            |
|                      |      |            |
| Q 10 AKZ4SS          | 20   | 0369300000 |
| <b>For terminal:</b> |      |            |
| WDK 2.5 / 800 V      |      |            |

## Q / DLI



| 20 / 20              |      |            |
|----------------------|------|------------|
| Screwed              |      |            |
| 5,00                 |      |            |
| Type                 | Qty. | Order No.  |
| Q 2 DLI              | 50   | 1312500000 |
| Q 3 DLI              | 50   | 1312600000 |
| Q 4 DLI              | 50   | 1312700000 |
|                      |      |            |
| Q 10 DLI             | 20   | 1313100000 |
| Q 20 DLI             | 20   | 1399800000 |
| <b>For terminal:</b> |      |            |
| DLI 2.5              |      |            |
| DLA 2.5              |      |            |
| DLD 2.5              |      |            |

## Q AKZ 1.5



| / 24                 |      |            |
|----------------------|------|------------|
| Screwed              |      |            |
| 5,10                 |      |            |
| Type                 | Qty. | Order No.  |
| Q 2 AKZ1.5           | 50   | 0368200000 |
| Q 3 AKZ1.5           | 50   | 0368300000 |
| Q 4 AKZ1.5           | 50   | 0368400000 |
|                      |      |            |
| Q 10 AKZ1.5          | 20   | 0368500000 |
| <b>For terminal:</b> |      |            |
| AKZ 1.5              |      |            |
| AKZ 2.5              |      |            |

## Screwable QV

## Q AKZ 4



| Technical data |    |
|----------------|----|
| Current        | A  |
| Type of fixing |    |
| Pitch          | mm |
| Ordering data  |    |
| 2-pole         |    |
| 3-pole         |    |
| 4-pole         |    |
| 5-pole         |    |
| 10-pole        |    |
| 20-pole        |    |

| 32 / 32              |      |            |
|----------------------|------|------------|
| Screwed              |      |            |
| 6,10                 |      |            |
| Type                 | Qty. | Order No.  |
| Q 2 AKZ4             | 50   | 0336400000 |
| Q 3 AKZ4             | 50   | 0336500000 |
| Q 4 AKZ4             | 50   | 0336600000 |
|                      |      |            |
| Q 10 AKZ4            | 20   | 0368600000 |
| <b>For terminal:</b> |      |            |
| AKZ 4                |      |            |

## Q / WDL



| / 24                                   |      |            |
|----------------------------------------|------|------------|
| Screwed                                |      |            |
| 6,10                                   |      |            |
| Type                                   | Qty. | Order No.  |
| Q 2 WDL2.5S                            | 50   | 1071500000 |
| Q 3 WDL2.5S                            | 50   | 1071600000 |
| Q 4 WDL2.5S                            | 50   | 1071700000 |
|                                        |      |            |
| Q 10 WDL2.5S                           | 20   | 1071800000 |
| Q 20 WDL2.5S                           | 20   | 1074200000 |
| <b>For terminal:</b>                   |      |            |
| WDL 2.5/S...(with 10 x 3 busbar)       |      |            |
| WDL 2.5 (With isolator, external side) |      |            |



# External cross-connection bridges

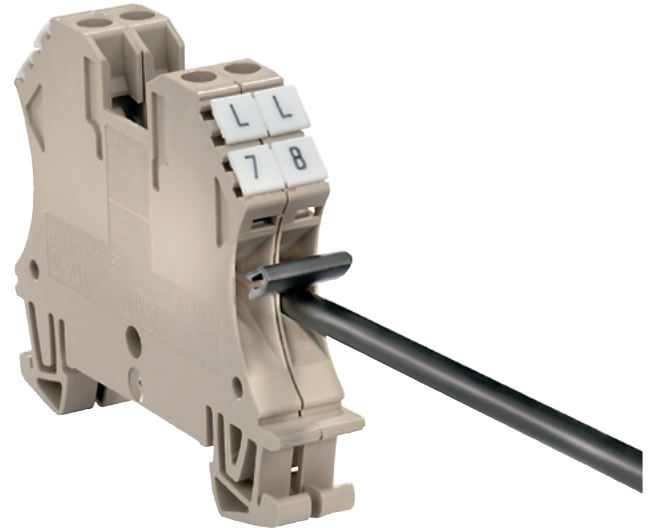
## Function

External cross-connection bridges make it possible to switch terminals in parallel, which are not available in the middle of the terminal via a cross-connection channel.

## Assembly

These bridges are positioned over the conductor in the clamping point and connected. Individual contacts can be separated off by hand when you wish to skip a clamping point.

**Important!** Use of these parts reduces the nominal cross-section of the connected conductor to the next smallest size for the terminal in question.



### QL ... WSI 6

Pitch 6,3 mm



### WQB A / ...

Pitch 5,1 mm



### WQB B / ...

Pitch 5,1 mm



## Technical data

|                                      |    |
|--------------------------------------|----|
| Continuous current 2-pole/multi-pole | A  |
| Fork length                          | mm |

|         |
|---------|
| 24 / 24 |
| 12      |

|         |
|---------|
| 24 / 24 |
| 12      |

|         |
|---------|
| 24 / 24 |
| 16      |

## Ordering data

|                |
|----------------|
| 2-pole         |
| 3-pole         |
| 4-pole         |
| 10-pole        |
| 24-pole        |
| Fixing screw   |
| Releasing tool |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| QL 2                 | 100  | 0194300000 |
| QL 3                 | 100  | 0194400000 |
| QL 4                 | 50   | 0194500000 |
| QL 10                | 20   | 0338300000 |
| BS-M 3 x 5           | 100  | 1052100000 |
| WAW 2                | 1    | 9004510000 |
| <b>For terminal:</b> |      |            |
| WSI 6...             |      |            |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WQB A / 2            | 50   | 1578950000 |
| WQB A / 3            | 50   | 1578960000 |
| WQB A / 4            | 50   | 1578970000 |
| WQB A / 10           | 50   | 1578990000 |
| WQB A / 24           | 50   | 1579000000 |
| <b>For terminal:</b> |      |            |
| WDK 2.5              |      |            |

| Type                                        | Qty. | Order No.  |
|---------------------------------------------|------|------------|
| WQB B / 2                                   | 50   | 1579010000 |
| WQB B / 3                                   | 50   | 1579020000 |
| WQB B / 4                                   | 50   | 1579030000 |
| WQB B / 10                                  | 50   | 1579050000 |
| WQB B / 24                                  | 50   | 1579060000 |
| <b>For terminal:</b>                        |      |            |
| WDU 1,5 / ZZ (lower connection level)       |      |            |
| WDU 2.5                                     |      |            |
| WDU 2,5 / 1,5 / ZR (lower connection level) |      |            |
| WTR 2.5                                     |      |            |

# Testing in terminals

## PS

### Test plug

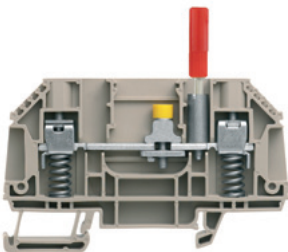


Test plugs (PS) are used for measurements or final testing of ready wired terminal strips. Test plugs are available for socket contacts with an internal diameter of 2.3 mm or 4 mm. The difference to the test adapter is that the test plug does not slot into the terminal. This means that reliable plugging into feed-through terminals up to 35 mm<sup>2</sup> is only possible with a socket.

### Special feature for large cross-sections

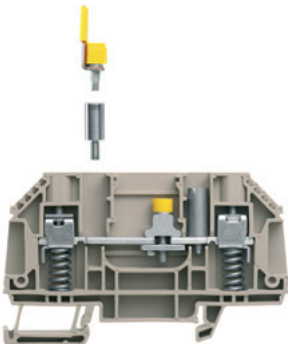
WDU 70N, WDU 95N/120N, WDU 70/95, WDU 120/150

In these terminals, test plug PS 4 can be plugged into the head of the clamping screw for measurements.



### Ordering data

| Test plug                                     | Qty. | Order No.  |
|-----------------------------------------------|------|------------|
| <b>2.3 mm diameter / rated current 17.5 A</b> |      |            |
| PS 2.3                                        | 20   | 0180400000 |
| <b>4.0 mm diameter / rated current 24 A</b>   |      |            |
| PS 4                                          | 20   | 0299600000 |



## StB

### Socket



The StB socket is used for fitting the PS test plug. The sockets are screwed into the busbar in the cross-connection channel in the middle of the terminal. The WTR test-disconnect terminals are available with pre-assembled sockets (refer to the W-Series test-disconnect terminals). The sockets are equipped with a slot for the screwdriver. A special screwdriver blade guarantees that the sockets are securely tightened (see catalogue Tools, chapter F).

### Combining with WQV

The socket can be used in combination with the WQV screw-in crossconnection.

For this purpose, the insulating part of the screw and the fixing screw have to be removed at the corresponding pole in the WQV. The socket can then be screwed in.

### Ordering data

| Socket                                         | For test plug | Qty. | Order No.  | For terminal standard design                          | For terminal compact design        |
|------------------------------------------------|---------------|------|------------|-------------------------------------------------------|------------------------------------|
| <b>Thread M 2.5 / Length 11.5 mm</b>           |               |      |            |                                                       |                                    |
| StB 8.5                                        | PS 2.3        | 50   | 0215700000 | WDU 1.5/ZZ<br>WDU 2.5/1.5/ZR<br>WDU 2.5<br>WDK 2.5... | WDU 2.5N (WQV)<br>WDU 2.5N 600V UL |
| <b>Thread M 3 / Length 12 mm</b>               |               |      |            |                                                       |                                    |
| StB 8.5                                        | PS 2.3        | 50   | 0280600000 | WDU 4<br>WDU 6<br>WDU 10<br>WDU 10/ZR                 |                                    |
| <b>Thread M 3 / Length 19 mm</b>               |               |      |            |                                                       |                                    |
| StB 14                                         | PS 4          | 50   | 0169900000 | WDU 10<br>WDU 10ZR                                    | WDU 16N<br>WDU 35                  |
| <b>Thread M 4 / Length 23 mm</b>               |               |      |            |                                                       |                                    |
| StB 16                                         | PS 4          | 50   | 0140200000 | WDU 16                                                | WDU 35N<br>WDU 35                  |
| <b>Thread M 3 / Length 23 mm (finger-safe)</b> |               |      |            |                                                       |                                    |
| StB 21.6                                       | PS 4          | 50   | 1071000000 | WDU 4<br>WDU 10                                       | WDU 6                              |

## Test adapter

## WTA 1



| Dimensions                       |                 |
|----------------------------------|-----------------|
| Width / Length / Height          | mm              |
| Stripping length                 | mm              |
| Rated data                       |                 |
| Rated voltage                    | V               |
| Rated current                    | A               |
| Rated cross-section              | mm <sup>2</sup> |
| Clamped conductors (H05V/H07V)   |                 |
| solid / stranded                 | mm <sup>2</sup> |
| flexible / flexible with ferrule | mm <sup>2</sup> |
| Ordering data                    |                 |
| 1-pole                           |                 |
| With snap-in pegs                |                 |
| 10-pole                          |                 |

|                     |        |      |            |
|---------------------|--------|------|------------|
| 5 / 66.1 / 98.2     |        |      |            |
| 6                   |        |      |            |
| IEC                 | UL     | CSA  |            |
| 250                 | 300    | 300  |            |
| 6                   | 6      | 6    |            |
| 1.5                 |        |      |            |
| 0.5...1.5           |        |      |            |
| 1...1.5 / 0.5...1.5 |        |      |            |
| Type                |        | Qty. | Order No.  |
| WTA 1               | WDU1.5 | 25   | 1632290000 |
| WTA 1/ZA            | WDU1.5 | 25   | 1632300000 |
| For terminal:       |        |      |            |
| WDU 2.5N            |        |      |            |
| WDU 4N              |        |      |            |

## WTA 2



|                     |      |            |
|---------------------|------|------------|
| 5 / 66.1 / 107.6    |      |            |
| 6                   |      |            |
| IEC                 | UL   | CSA        |
| 250                 | 300  |            |
| 6                   |      |            |
| 1.5                 |      |            |
|                     |      |            |
| 0.5...1.5           |      |            |
| 1...1.5 / 0.5...1.5 |      |            |
| Type                | Qty. | Order No.  |
| WTA 2 WDU2.5-10     | 25   | 1632320000 |
| WTA 2/ZA WDU2.5-10  | 25   | 1632330000 |
| WTA 2/10 WDU2.5/10  | 5    | 1632340000 |
| For terminal:       |      |            |
| WDU 1.5 ZZ          |      | WDU 4      |
| WDU 2.5/1.5 ZR      |      | WDU 6      |
| WDU 2.5             |      | WDU 10     |
| WDU 2.5 F           |      | WDU 16     |

## WTA 3



|                      |      |      |            |
|----------------------|------|------|------------|
| 6 / 66.1 / 107.6     |      |      |            |
| 6                    |      |      |            |
| IEC                  | UL   | CSA  |            |
| 250                  | 300  |      |            |
| 6                    |      |      |            |
| 1.5                  |      |      |            |
|                      |      |      |            |
| 0.5...1.5            |      |      |            |
| 1.1, 1.5 / 0.5...1.5 |      |      |            |
| Type                 |      | Qty. | Order No.  |
| WTA 3                | WDU4 | 25   | 1632350000 |
| WTA 3/ZA             | WDU4 | 25   | 1632360000 |
| For terminal:        |      |      |            |
| WDU 4                |      |      |            |
| WDU 6                |      |      |            |
| WDU 10               |      |      |            |

## Test adapter

## WTA 6



| Dimensions                       |                 |
|----------------------------------|-----------------|
| Width / Length / Height          | mm              |
| Stripping length                 | mm              |
| Rated data                       |                 |
| Rated voltage                    | V               |
| Rated current                    | A               |
| Rated cross-section              | mm <sup>2</sup> |
| Clamped conductors (H05V/H07V)   |                 |
| solid / stranded                 | mm <sup>2</sup> |
| flexible / flexible with ferrule | mm <sup>2</sup> |
| Ordering data                    |                 |
| 1-pole                           |                 |
| With snap-in pegs                |                 |
| 10-pole                          |                 |

|                     |  |      |  |            |  |
|---------------------|--|------|--|------------|--|
| 5 / 66.1 / 107.6    |  |      |  |            |  |
| 6                   |  |      |  |            |  |
| IEC                 |  | UL   |  | CSA        |  |
| 250                 |  | 300  |  | 300        |  |
| 6                   |  | 6    |  | 6          |  |
| 1.5                 |  |      |  |            |  |
| 0.5...1.5           |  |      |  |            |  |
| 1...1.5 / 0.5...1.5 |  |      |  |            |  |
| Type                |  | Qty. |  | Order No.  |  |
| WTA 6 WTR2.5        |  | 25   |  | 1632380000 |  |
| WTA 6/ZA WTR2.5     |  | 25   |  | 1632390000 |  |
| For terminal:       |  |      |  |            |  |
| WTR 2.5             |  |      |  |            |  |

## WTA 7



|                     |      |            |  |
|---------------------|------|------------|--|
| 6 / 68 / 120        |      |            |  |
| 6                   |      |            |  |
| IEC                 | UL   | CSA        |  |
| 250                 | 300  |            |  |
| 6                   |      |            |  |
| 1.5                 |      |            |  |
| 0.5...1.5           |      |            |  |
| 1...1.5 / 0.5...1.5 |      |            |  |
| Type                | Qty. | Order No.  |  |
| WTA 7 WSI6          | 25   | 1650210000 |  |
|                     |      |            |  |
| For terminal:       |      |            |  |
| WSI 6               |      |            |  |

WTA 4N



|                     |      |            |
|---------------------|------|------------|
| 5 / 62 / 111.6      |      |            |
| IEC                 | UL   | CSA        |
| 250                 | 300  |            |
| 6                   |      |            |
| 1.5                 |      |            |
| 0.5...1.5           |      |            |
| 1...1.5 / 0.5...1.5 |      |            |
| Type                | Qty. | Order No.  |
| WTA 4N WDK 2.5      | 25   | 1878660000 |
| WTA 4N/ZA WDK 2.5   | 25   | 1879350000 |
| For terminal:       |      |            |
| WDK 2.5             |      |            |
| WDK 2.5 V           |      |            |
| WDK 2.5 F           |      |            |
| WDK 2.5 FV          |      |            |

WTA 5



|                 |      |            |
|-----------------|------|------------|
| 5 / 17 / 68.2   |      |            |
| 6               |      |            |
| IEC             | UL   | CSA        |
| 250             | 300  |            |
| 6               |      |            |
| 1.5             |      |            |
| 0.5...1         |      |            |
| 1...1 / 0.5...1 |      |            |
| Type            | Qty. | Order No.  |
| WTA 5/1         | 25   | 1051260000 |
| For terminal:   |      |            |
| WDU 2.5         |      | WDU 10     |
| WDU 4           |      | WDU 10 ZR  |
| WDU 6           |      |            |

Test adapter

|                                  |                 |
|----------------------------------|-----------------|
| Dimensions                       |                 |
| Width / Length / Height          | mm              |
| Stripping length                 | mm              |
| Rated data                       |                 |
| Rated voltage                    | V               |
| Rated current                    | A               |
| Rated cross-section              | mm <sup>2</sup> |
| Clamped conductors (H05V/H07V)   |                 |
| solid / stranded                 | mm <sup>2</sup> |
| flexible / flexible with ferrule | mm <sup>2</sup> |
| Ordering data                    |                 |
| green                            |                 |
| beige                            |                 |

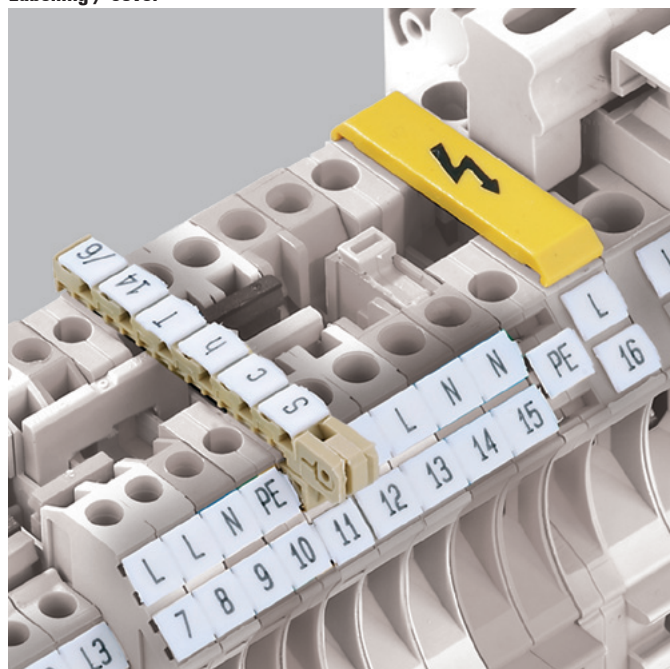
WTA 8



|                           |      |            |
|---------------------------|------|------------|
| 6 / 39 / 78               |      |            |
| IEC                       | UL   | CSA        |
| 205                       |      |            |
| 6                         |      |            |
| 1.5                       |      |            |
| 0.5...2.5                 |      |            |
| Type                      | Qty. | Order No.  |
| WTA 8KO-TN                | 25   | 1915480000 |
| WTA 8 TN                  | 25   | 1915450000 |
| For terminal:             |      |            |
| WTL 4/2 StB               |      |            |
| TN-KO = Isolate - Contact |      |            |
| KO-TN = Contact - Isolate |      |            |
| TN = Isolate              |      |            |



## Labelling / cover



The WAD cover is snapped on to the centre of the terminal on the cross-connection channel, from the top down. The covers are delivered in yellow with a black lightning flash symbol and also in white without markings.

The WAD covers are available for all feed-through terminals in the W-Series.

## Labelling of mains terminals

VDE regulations require that mains terminals be labelled with "Warning Voltage" and a lightning flash symbol.

## Convenient labelling options

A white cover with no print is well suited for manual terminal labelling or for group labelling.

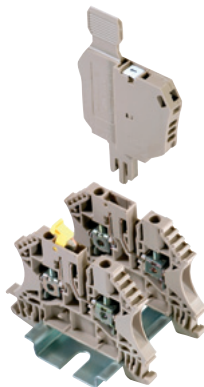
## Touch protection with uninsulated cross-connections

Important! When cross-connecting the WDU 70N, WDU 95N/120N, WDU 70/95 and WDU 120/150, touch protection is guaranteed by the cover, in compliance with VDE directives.

## WAD

| Type<br>Width    | Colour                                  | Qty. | Order No.  | For terminal:                                                                                                                                                                                                                                                                                                                                                 |
|------------------|-----------------------------------------|------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WAD 4 GE BED     | yellow                                  | 50   | 1072000000 | WDK 2.5                                                                                                                                                                                                                                                                                                                                                       |
| WAD 4 WS         | white                                   | 50   | 1072100000 | WDK 2.5 / 800V<br>WDK 2.5 BL<br>WDK 2.5 DU-PE<br>WDK 2.5 F<br>WDK 2.5 F BL<br>WDK 2.5 FF<br>WDK 2.5 FV<br>WDK 2.5 ZQV<br>WDK 2.5 ZQV BL<br>WDK 2.5/D<br>WDK 2.5V<br>WDK 2.5V BL<br>WDU 1.5/ZZ<br>WDU 1.5/ZZ BL<br>WDU 2.5 F 2X2.8<br>WDU 2.5 FF 2*2.8<br>WDU 2.5N<br>WDU 2.5N BL<br>WDU 2.5N ZQV<br>WDU 2.5N ZQV BL<br>WDU 2.5N/600 UL<br>WDU 4N<br>WDU 4N BL |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 5 MC NE WS   | white                                   | 48   | 1112910000 | WDU 2.5                                                                                                                                                                                                                                                                                                                                                       |
| WAD 5 MC B GE/SW | with lightning flash<br>black on yellow | 49   | 1120450000 | WDU 2.5 BL<br>WDU 2.5/1.5/ZR<br>WDU 2.5/1.5/ZR BL<br>WDU 4<br>WDU 4 BL<br>WDU 6<br>WDU 6 BL                                                                                                                                                                                                                                                                   |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 8 MC B GE/SW | Lightning flash<br>black on yellow      | 48   | 1120470000 | WDU 10<br>WDU 10 BL                                                                                                                                                                                                                                                                                                                                           |
| WAD 8 MC NE WS   | white                                   | 48   | 1112940000 |                                                                                                                                                                                                                                                                                                                                                               |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 12 M. BL.    | yellow                                  | 50   | 1055960000 | WDU 16/ZA                                                                                                                                                                                                                                                                                                                                                     |
| WAD 12 NEUTRAL   | white                                   | 50   | 1056260000 | WDU 16/ZA BL<br>WDU 16N BL<br>WDU 35/IK/ZA<br>WDU 35/ZA<br>WDU 35/ZA BL                                                                                                                                                                                                                                                                                       |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 12N GE BED   | yellow                                  | 50   | 1073200000 | WDU 16N                                                                                                                                                                                                                                                                                                                                                       |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 16N GE BED   | yellow                                  | 50   | 1083600000 | WDU 16N                                                                                                                                                                                                                                                                                                                                                       |
| WAD 16N WS       | white                                   | 50   | 1083500000 | WDU 35N<br>WDU 35N BL                                                                                                                                                                                                                                                                                                                                         |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 20 GE WSD    | yellow                                  | 10   | 9512260000 | WDU 50N<br>WDU 50N BL<br>WDU 70N/35<br>WDU 70N/35 BL<br>WDU 95N<br>WDU 95N BL                                                                                                                                                                                                                                                                                 |
| <b>Width</b>     |                                         |      |            |                                                                                                                                                                                                                                                                                                                                                               |
| WAD 27 M. BL.    | yellow                                  | 10   | 1062860000 | WDU 120                                                                                                                                                                                                                                                                                                                                                       |
| WAD 27 NEUTRAL   | white                                   | 10   | 1062960000 | WDU 120 BL<br>WDU 70/95<br>WDU 70/95 BL                                                                                                                                                                                                                                                                                                                       |

SIHA fuse holder



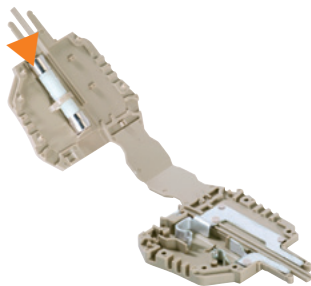
1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again



For 5x20 G-fuse cartridges

The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (VO)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement
- Marking position for Dekafix 5 and space for self-adhesive label size 8/20

SIHA 1



|                | Qty.        | Order No.  |
|----------------|-------------|------------|
| without LED    |             |            |
| SIHA1/G20      | 400 V 1     | 9537550000 |
| with LED (red) |             |            |
| SIHA1/G20      | 10 - 36 V 1 | 9537560000 |

For test-disconnect terminal versions  
WTR 2.5/ZZ

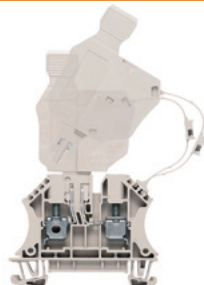
SIHA 3



|                | Qty.          | Order No.  |
|----------------|---------------|------------|
| without LED    |               |            |
| SIHA3/G20      | 400 V 1       | 7921560000 |
| with LED (red) |               |            |
| SIHA3/G20      | 10 - 36 V 1   | 7921570000 |
|                | 35 - 70 V 1   | 7921580000 |
|                | 60 - 150 V 1  | 7921590000 |
|                | 140 - 250 V 1 | 7921600000 |

For test-disconnect terminal versions  
WTR 4  
WTR 4/ZZ  
WTR 4/ZR  
WTR 2.5

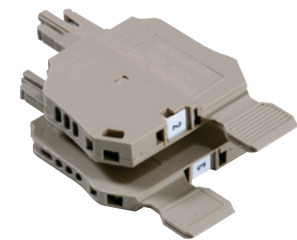
SIHA STRAP



|            | Qty. | Order No.  |
|------------|------|------------|
| with strap |      |            |
| SIHA STRAP | 20   | 9537680000 |

Connector for "retro-fit" assembly

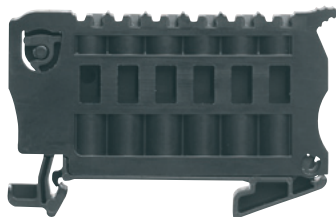
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right



## Fuse carrier ZST 1



## ZST 1



## Dimensions

|                         |    |             |
|-------------------------|----|-------------|
| Width / Length / Height | mm | 8 / 62 / 40 |
|-------------------------|----|-------------|

## Ordering data

| Type  | Qty. | Order No.  |
|-------|------|------------|
| ZST 1 | 25   | 1269070000 |

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

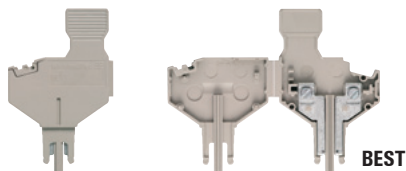
## Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications using as few parts as possible. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

## Component plug (up to 250 V)

can be reversed



## Ordering data

| Type      | Fitted with... | Qty. | Order No.  |
|-----------|----------------|------|------------|
| BEST      | -              | 25   | 1833100000 |
| BEST/DRBR | wire jumper    | 25   | 1878570000 |
| BEST/D    | diode 1N4007   | 25   | 1878560000 |

## For terminal type

PTR 2.5/4...

PDL 4 TR/...

## Isolating plug

Isolating plug



## Ordering data

| Type | Colour       | Qty. | Order No.  |
|------|--------------|------|------------|
| TNST | yellow Wemid | 25   | 1833090000 |

## For terminal type

WTR 2.5

WTR 4

WTR4/ZZ

WTR4/ZR

### Screen plug (LS)

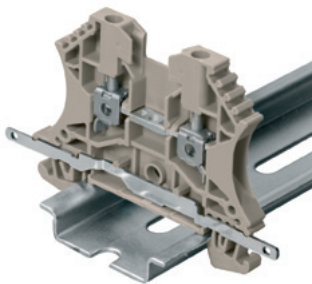
A screen plug (LS) is available for many terminals in the W-Series. The bar can be used to continue the shielding over the terminals as an interface. There is no direct connection to earth potential.

#### Assembly

The screen plug is placed flat in the bottom of the terminal in the recess provided. At the ends, the shield can be plugged in with a 2.8 mm Faston connector or soldered on.

#### Reduced rated voltage

The smaller clearance and creepage sections result in a reduced voltage rating in the terminal when using the screen plug.



### LS 2.8

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| LS 2.8 WDU2.5-10 | 50   | 1056400000 |

### Reduced voltage

| For terminal standard design | Reduced voltage |
|------------------------------|-----------------|
| WDU 1.5/ZZ                   | 400 V           |
| WDU 2.5/1.5/ZR               | 400 V           |
| WDU 2.5                      | 400 V           |
| WDU 4                        | 400 V           |
| WDU 6                        | 400 V           |
| WDU 10                       | 400 V           |
| WDK 2.5 ZQV                  | 250 V           |
| WDK 2.5 (WQV)                | 250 V           |
| WTR 2.5...                   | 250 V           |
| For terminal compact design  | Reduced voltage |
| WDK 2.5N                     | 250 V           |
| WDK 4N                       | 250 V           |

### Short-circuit plug (WDS)

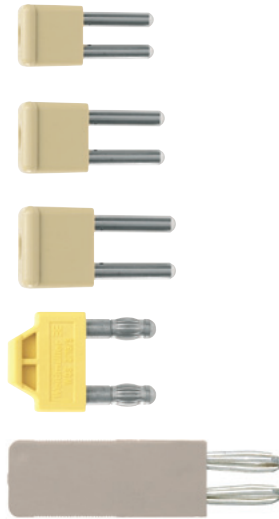
Short-circuit plugs (cross-connection plugs) are used together with sockets (diameter 2.3 mm) for easily disconnecting the cross connection of terminals.

In reality, this connector is often used with test-disconnect terminals. Thanks to its insulated grip, the WDS is touch-safe.

#### Assembly

The plug is simply plugged onto the socket and locks automatically.

For terminal width 5.1 mm



### WDS

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WDS 2 | 20   | 1069900000 |

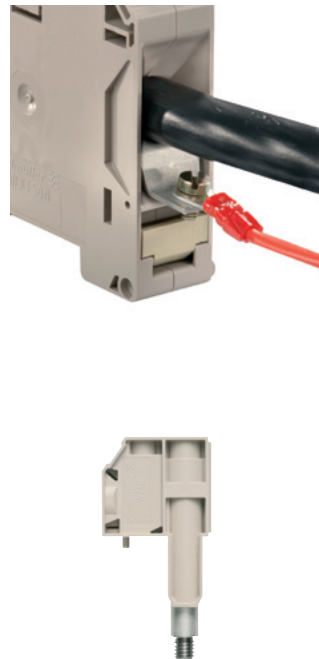
### Reduced voltage

| For terminal     | Reduced voltage |
|------------------|-----------------|
| WDU 1.5/ZZ       |                 |
| WDU 2.5/1.5/ZR   |                 |
| WDU 2.5          |                 |
| WDK 2.5... (WQV) |                 |
| WTR 2.5...       |                 |
| WDU 2.5 F...     |                 |

### Extension connector (WZAD)



An extension connector (WZAD) is offered for feed-through terminals from 70 mm<sup>2</sup>.

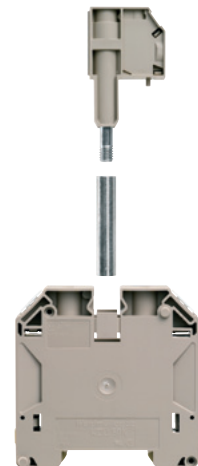


#### Assembly

This connector consists of a metal part which is pushed into the terminal and lodges behind the clamping yoke. The WZAD extension connector is connected to the "main" conductor in the terminal. Another conductor of up to 4 mm<sup>2</sup> and 32 A can be screwed to the outer end of the extension connector using a ring cable lug.

#### Exception WZAD WDU 240

The extension connector for WDU 240 is plugged separately into the terminal above the wire entry and locks automatically. The conductor is connected with a fully insulated screw connection.



### WZAD

| Type          | Clamped conductor        | Rated current | Qty. | Order No.  | For terminal |
|---------------|--------------------------|---------------|------|------------|--------------|
| WZAD 70/95    | up to 4 mm <sup>2</sup>  | 32 A          | 10   | 1066000000 | WDU 70/95    |
| WZAD 120      | up to 4 mm <sup>2</sup>  | 32 A          | 10   | 1066100000 | WDU 120/150  |
| WZAD 240      | up to 10 mm <sup>2</sup> | 57 A          | 5    | 1802810000 | WDU 240      |
| WZAD 50N      | up to 10 mm <sup>2</sup> | 40 A          | 5    | 1872720000 | WDU 50N      |
| WZAD 70N      | up to 4 mm <sup>2</sup>  | 32 A          | 10   | 1964830000 | WDU 50N/70N  |
| WZAD 95N/120N | up to 10 mm <sup>2</sup> | 41 A          | 5    | 1859580000 | WDU 95N/120N |

### WZAF with M3 mounting screw

| Type     | Clamped conductor | Rated current | Qty. | Order No.  | For terminal |
|----------|-------------------|---------------|------|------------|--------------|
| WZAF 35  | 4 mm <sup>2</sup> | 32 A          | 10   | 1070500000 | WFF 35       |
| WZAF 70  | 4 mm <sup>2</sup> | 32 A          | 10   | 1066200000 | WFF 70       |
| WZAF 120 | 4 mm <sup>2</sup> | 32 A          | 10   | 1066300000 | WFF 120      |
| WZAF 185 | 4 mm <sup>2</sup> | 32 A          | 10   | 1066400000 | WFF 185      |
| WZAF 300 | 4 mm <sup>2</sup> | 32 A          | 10   | 1066500000 | WFF 300      |

## PEN bridges

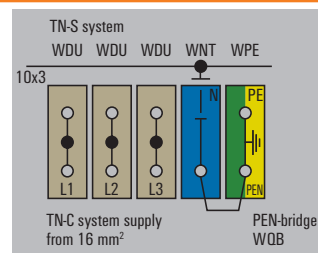
Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

### Standard installation

Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm<sup>2</sup>. **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

### Building installation with N-conductor isolation

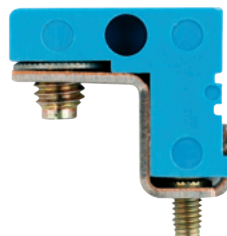
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



## External PEN bridge



## Inside PEN bridge



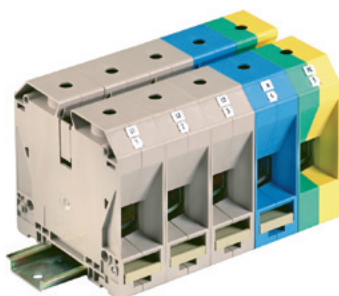
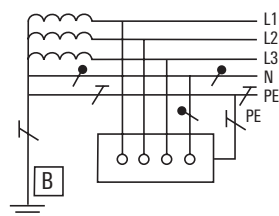
### WQB-PEN ...

| Type                           | Qty. | Order No.  | For terminal        |
|--------------------------------|------|------------|---------------------|
| <b>with standard terminals</b> |      |            |                     |
| WQB-PEN 10                     | 10   | 1060300000 | WPE 10<br>WDU 10 BL |
| WQB-PEN 16                     | 10   | 1060200000 | WPE 16<br>WDU 16 BL |
| WQB-PEN 35                     | 10   | 1060100000 | WPE 35<br>WDU 35 BL |
| <b>with compact terminals</b>  |      |            |                     |
| WQB-PEN 16N                    | 10   | 1079600000 | WNT 16N<br>WPE 16N  |
| WQB-PEN 35N                    | 10   | 1079500000 | WNT 35N<br>WPE 35N  |
| WQB-PEN 70N                    | 10   | 1079700000 | WNT 70N<br>WPE 70N  |

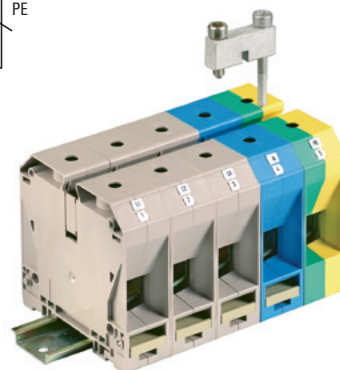
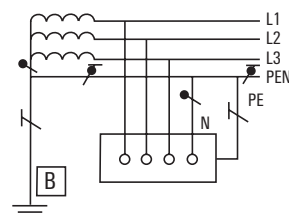
### WQV ... -PEN

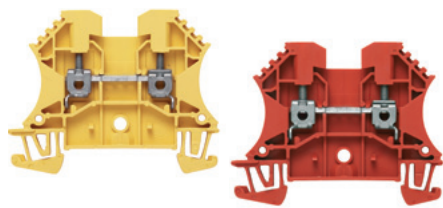
| Type             | Qty. | Order No.  | For terminal                  |
|------------------|------|------------|-------------------------------|
| WQV 16N-PEN      | 10   | 1071360000 | WPE 16N<br>WDU 16N BL         |
| WQV 70N-PEN      | 5    | 9525840000 | WPE 70N<br>WDU 70N BL         |
| WQV 70/95-PEN    | 5    | 1072300000 | WPE 70/95<br>WDU 70/95 BL     |
| WQV 120-PEN      | 5    | 1072400000 | WPE 120/150<br>WDU 120/150 BL |
| WQV 50N-PEN      |      | 9201610000 | WPE 50N<br>WDU 50N            |
| WQV 95N/120N-PEN |      | 9201630000 | WPE 95N/120N<br>WDU 95N/120N  |

### TN-S system:



### TN-C system:





The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

### Standard design

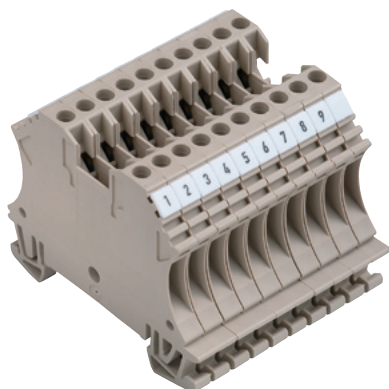
| WDU 2.5          | Colour       | Qty. | Order No.  |
|------------------|--------------|------|------------|
| WDU 2.5 BL       | blue         | 100  | 1020080000 |
| WDU 2.5 OR       | orange       | 100  | 1020060000 |
| WDU 2.5 BR       | brown        | 100  | 1037710000 |
| WDU 2.5 GE       | yellow       | 100  | 1020020000 |
| WDU 2.5 GN       | green        | 100  | 1020090000 |
| WDU 2.5 GR       | grey         | 100  | 1037720000 |
| WDU 2.5 RT       | red          | 100  | 1020040000 |
| WDU 2.5 SW       | black        | 100  | 1020010000 |
| WDU 2.5 VI       | violet       | 100  | 1037700000 |
| WDU 2.5 WS       | white        | 100  | 1036800000 |
| <b>WDK 2.5</b>   |              |      |            |
| WDK 2.5 OR       | orange       | 100  | 1021560000 |
| <b>WDK 2.5 V</b> |              |      |            |
| WDK 2.5 V OR     | orange       | 100  | 1022360000 |
| WDK 2.5 V GE     | yellow       | 100  | 1022350000 |
| <b>WDU 4</b>     |              |      |            |
| WDU 4 BL         | blue         | 100  | 1020180000 |
| WDU 4 OR         | orange       | 100  | 1036760000 |
| WDU 4 BR         | brown        | 100  | 1037810000 |
| WDU 4 GE         | yellow       | 100  | 1020120000 |
| WDU 4 GE/SW      | yellow/black | 100  | 1020190000 |
| WDU 4 GN         | green        | 100  | 1020160000 |
| WDU 4 GR         | grey         | 100  | 1037800000 |
| WDU 4 RT         | red          | 100  | 1020140000 |
| WDU 4 SW         | black        | 100  | 1020110000 |
| WDU 4 VI         | violet       | 100  | 1037820000 |
| WDU 4 WS         | white        | 100  | 1036700000 |
| <b>WDU 6</b>     |              |      |            |
| WDU 6 BL         | blue         | 100  | 1020280000 |
| WDU 6 OR         | orange       | 100  | 1020260000 |
| WDU 6 GE         | yellow       | 100  | 1040220000 |
| WDU 6 GN         | green        | 100  | 1020290000 |
| WDU 6 GR         | grey         | 100  | 1039600000 |
| WDU 6 RT         | red          | 100  | 1020240000 |
| WDU 6 SW         | black        | 100  | 1020210000 |
| WDU 6 WS         | white        | 100  | 1039700000 |
| <b>WDU 10</b>    |              |      |            |
| WDU 10 BL        | blue         | 50   | 1020380000 |
| WDU 10 GE        | yellow       | 50   | 1833350000 |
| WDU 10 GN        | green        | 50   | 1833340000 |
| WDU 10 OR        | orange       | 50   | 1020360000 |
| WDU 10 RT        | red          | 50   | 1020340000 |
| WDU 10 SW        | black        | 50   | 1020310000 |
| WDU 10 WS        | white        | 50   | 1833380000 |
| <b>WDU 16</b>    |              |      |            |
| WDU 16 BL        | blue         | 50   | 1020480000 |
| WDU 16 RT        | red          | 50   | 1833400000 |
| WDU 16 SW        | black        | 50   | 1833420000 |
| <b>WDU 35</b>    |              |      |            |
| WDU 35 BL        | blue         | 40   | 1020580000 |
| WDU 35/IK BL     | blue         | 40   | 1020680000 |
| WDU 35/ZA BL     | blue         | 40   | 1028880000 |
| WDU 35/ZA OR     | orange       | 40   | 1060220000 |
| <b>WSI 6</b>     |              |      |            |
| WSI 6 OR         | orange       | 50   | 1011060000 |
| WSI 6 SW         | black        | 50   | 1011010000 |
| WSI 6 BL         | blue         | 50   | 1011080000 |
| <b>WTD 6/1</b>   |              |      |            |
| WTD 6/1 GE       | yellow       | 50   | 1631760000 |
| WTD 6/1 RT       | red          | 50   | 1631750000 |
| <b>WTL 6/3</b>   |              |      |            |
| WTL 6/3 BR       | brown        | 50   | 1018640000 |

### Compact design

| WDU 2.5         | Colour | Qty. | Order No.  |
|-----------------|--------|------|------------|
| WDU 2.5N BL     | blue   | 100  | 1023780000 |
| WDU 2.5N OR     | orange | 100  | 1023760000 |
| WDU 2.5N ZQV BL | blue   | 100  | 1040880000 |
| <b>WDK 4N</b>   |        |      |            |
| WDK 4N BL       | blue   | 100  | 1042680000 |
| WDK 4N OR       | orange | 100  | 1041960000 |
| <b>WDU 16</b>   |        |      |            |
| WDU 16N BL      | blue   | 50   | 1036180000 |
| <b>WDU 35</b>   |        |      |            |
| WDU 35N BL      | blue   | 20   | 1040480000 |
| WDU 35N KB BL   | blue   | 20   | 1836550000 |



## Pre-fitted terminal blocks



Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges.

Installation times can be reduced by simply slotting in complete blocks. The rating data depends on the corresponding terminal type.

**Important!**

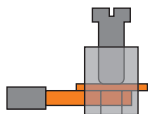
- Tolerances for mounting must be heeded in project planning. A mounting tolerance of +0.1 mm must be expected for each terminal.
- In terminal blocks marked 1–9, the 10th terminal is free for decade marking
- Terminal blocks WDU 70/95 and WDU 120/150 for direct mounting only.  
For direct mounting without the terminal rail please take note of the drilling plan. Fix with screw M6x16.  
(Order No. 1063700000/ VPE 20)

| WDU 2.5               | Qty. | Order No.  | Description                                                                                   |
|-----------------------|------|------------|-----------------------------------------------------------------------------------------------|
| WDU 2.5/10 BEZ        | 10   | 1020700000 | 10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 – 9)                          |
| WDU 2.5/10 BEZ/NE     | 10   | 1020800000 | 10 x WDU 2.5, with blank marking strip DEK 5                                                  |
| WDK 2.5               |      |            |                                                                                               |
| WDK 2.5/10            | 10   | 1025700000 | 10 x WDK 2.5 (WQV), with blank marking strip DEK 5                                            |
| WDU 4                 |      |            |                                                                                               |
| WDU 4/10/BEZ          | 10   | 1020900000 | 10 x WDK 2.5 (ZQV), identified by printed marking strip DEK (nos. 1-9)                        |
| WDU 4/10              | 10   | 1021000000 | 10 x WDU 4, identified by printed marking strip DEK 6                                         |
| WMA 4/4               | 20   | 1034000000 | 3 x WDU 4 (marked L1, L2, L3), WPE 4 (marked PE)                                              |
| WMA 4/5               | 20   | 1033800000 | 3 x WDU 4 (marked L1, L2, L3), DEU 4 in blue (identified by N), WPE 4 (marked PE)             |
| WDU 70/95             |      |            |                                                                                               |
| WDU 70/95/3           | 4    | 1026700000 | 3 x WDU 70/95                                                                                 |
| WDU 70/95/5/N         | 2    | 1032300000 | mains terminal block, 3x WDU 70/95 dark beige, 1x WDU 70/95 blue, 1 x WDU 70/95 green         |
| WDU 120/150           |      |            |                                                                                               |
| WDU 120/150/5         | 2    | 1026600000 | 5 x WDU 120/150                                                                               |
| WDU 120/150/5/N       | 2    | 1032400000 | mains terminal block, 3 x WDU 120/150 dark beige, 1 x WDU 120/150 blue, 1 x WDU 120/150 green |
| WDL 2.5               |      |            |                                                                                               |
| WDL 2.5/3/S/NT/L/PE   | 25   | 1034200000 | 3 x WDL 2.5/S/NT/L/PE                                                                         |
| WDL 2.5/2/NT/L/PE-L/L | 20   | 1034100000 | WDL 2.5/S/NT/L/PE and WDL 2.5/S/L/L                                                           |
| AKZ 4                 |      |            |                                                                                               |
| AKZ 4/10              | 10   | 0359560000 | 10 x AKZ 4                                                                                    |
| AKZ 4/10/BEZ          | 10   | 0359660000 | 10 x AKZ 4, identified by printed marking strips DEK 5 (nos. 1-9)                             |





# SAK-Series / Clamping yoke screw connection technology



## Put to the test billions of times

Countless approvals, specifications and the world's most extensive range of terminals mean that SAK terminals can be used for a wide range of different applications.

## The right materials for every application

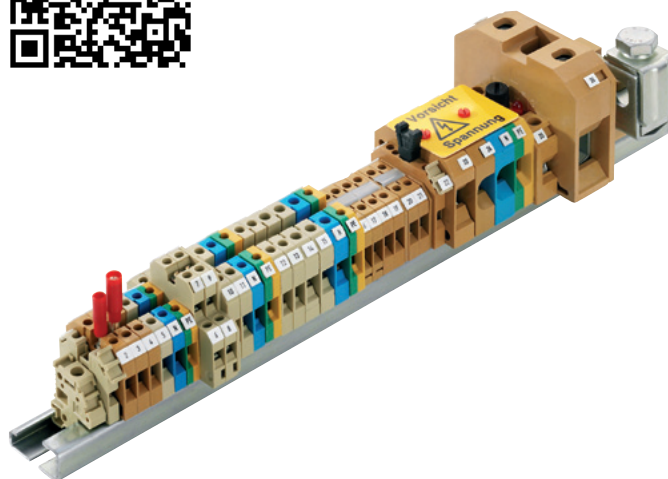
Ambient temperatures are not an issue for the SAK-Series thanks to different materials such as polyamide, thermoplastics and heat-resistant ceramics.

## Best conductivity and high contact force

Thanks to its design, the legendary high-strength steel screw clamp absorbs every geometric change to the connected conductor.



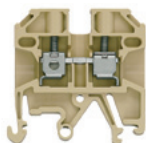
You can find out more information about the SAK series in our online catalogue.



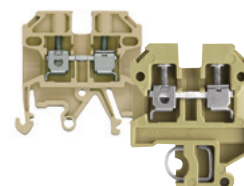
All materials checked for conformity with the latest environmental directives and RoHS requirements.

## Versions

- Cross-sections from 0.5 to 35 mm<sup>2</sup>
- TS 32/TS 35 "2 in 1" combination foot



- Cross-sections from 0.5 to 95 mm<sup>2</sup>
- Special foot for TS 35
- Special foot for TS 32



## Product assortment

| Terminal type                      | Rated cross-section |                   |                   |                    |                    |                    | Flat-blade connection | Faston-connection | Spring loaded | Solder connection |
|------------------------------------|---------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-----------------------|-------------------|---------------|-------------------|
|                                    | 2.5 mm <sup>2</sup> | 4 mm <sup>2</sup> | 6 mm <sup>2</sup> | 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 35 mm <sup>2</sup> |                       |                   |               |                   |
| Feed-through terminals             |                     |                   |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 32                     | •                   | •                 | •                 | •                  | •                  | •                  |                       | •                 | •             | •                 |
| KRG / TS 32                        | •                   | •                 | •                 | •                  | •                  | •                  | •                     | •                 | •             | •                 |
| PA 6.6 / TS 35                     | •                   | •                 | •                 | •                  | •                  | •                  |                       | •                 | •             | •                 |
| KRG / TS 35                        | •                   | •                 | •                 | •                  | •                  | •                  | •                     |                   |               |                   |
| PA 6.6 / combination foot          | •                   | •                 | •                 | •                  | •                  | •                  |                       |                   |               |                   |
| PA 6.6 / TS 15                     | •                   | •                 |                   |                    |                    |                    |                       |                   | •             |                   |
| Double level terminals             |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| PE terminals                       |                     |                   |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 32                     | •                   | •                 |                   | •                  | •                  | •                  |                       |                   |               |                   |
| PA 6.6 / TS 35                     | •                   | •                 | •                 | •                  | •                  | •                  |                       |                   |               |                   |
| PA 6.6 / TS 15                     | •                   | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| Fuse terminals                     |                     |                   |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 32                     |                     |                   |                   | •                  |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 35                     |                     |                   |                   | •                  |                    |                    |                       |                   |               |                   |
| KrG / TS 32                        |                     |                   |                   | •                  | •                  |                    |                       |                   |               |                   |
| KrG / TS 35                        |                     |                   |                   | •                  | •                  |                    |                       |                   |               |                   |
| PA 6.6 / TS 15                     |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / combination foot          |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| Double level fuse terminals        |                     |                   |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 32                     |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 35                     |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| PA 6.6 / combination foot          |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| Disconnect test terminal blocks    |                     |                   |                   |                    |                    |                    |                       |                   |               |                   |
| TS 35                              |                     | •                 |                   | •                  |                    |                    |                       |                   |               |                   |
| PA 6.6 / TS 15                     |                     | •                 |                   |                    |                    |                    |                       |                   |               |                   |
| Two-tier disconnect test terminals |                     | •                 |                   |                    |                    |                    |                       | •                 |               |                   |
| Ceramic terminals                  |                     | •                 |                   | •                  |                    |                    |                       |                   |               |                   |

### 1 The connection

Separation of electrical and mechanical functions:

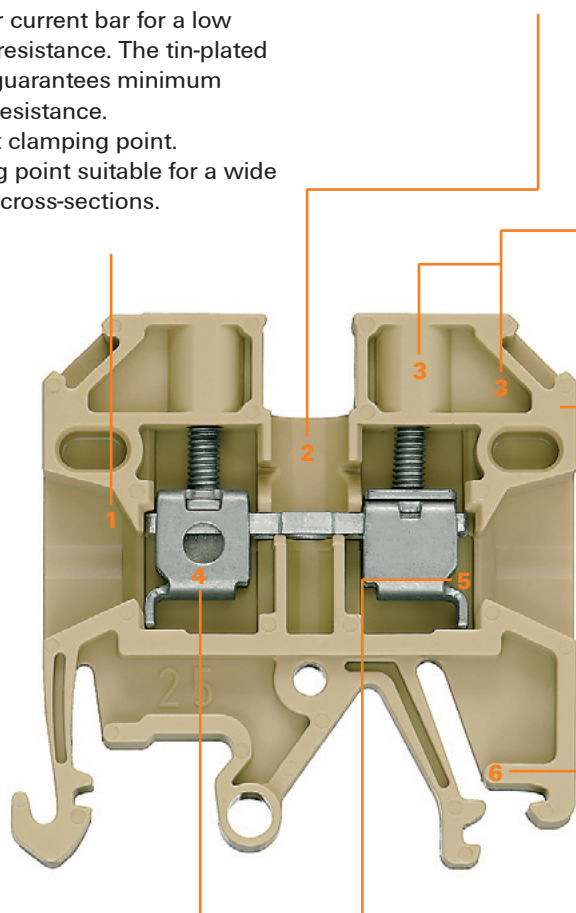
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable for a wide range of cross-sections.

### 2 Cross-connection channel

- Any number of poles can be created by stacking the pre-fitted cross-connections.

### 3 Easy to use

- Built-in reserve when undoing the clamping screw – particularly important for mechanical screwing tools.
- Recessed clamping screw position provides a guide for the screwdriver.
- All parts fitted captive within the terminal.
- Numerous labelling options.



### Insulating materials and max. temperatures

- PA – 100 °C
- KrG – 130 °C
- EP – 160 °C
- Ceramic – 250 °C

### 6 3 different snap-on feet

### 4 Reliable contact

- The steel clamping yoke compensates for temperature-induced changes to the conductor (no gradual loosening) required.
- Low-maintenance, vibration-resistant connection – no need to retighten the clamping screw.
- The highest contact force of any connection system – and in a compact space.

### 5 Safe to use

- Terminals supplied with open clamping point
- Yoke tab prevents incorrect insertion of conductors.

### Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 6047-7-1/2
- National and international approvals
- A large portfolio of UL and CSA approvals
- ATEX approval
- IECEx approved





# Shield connection terminals KLBÜ

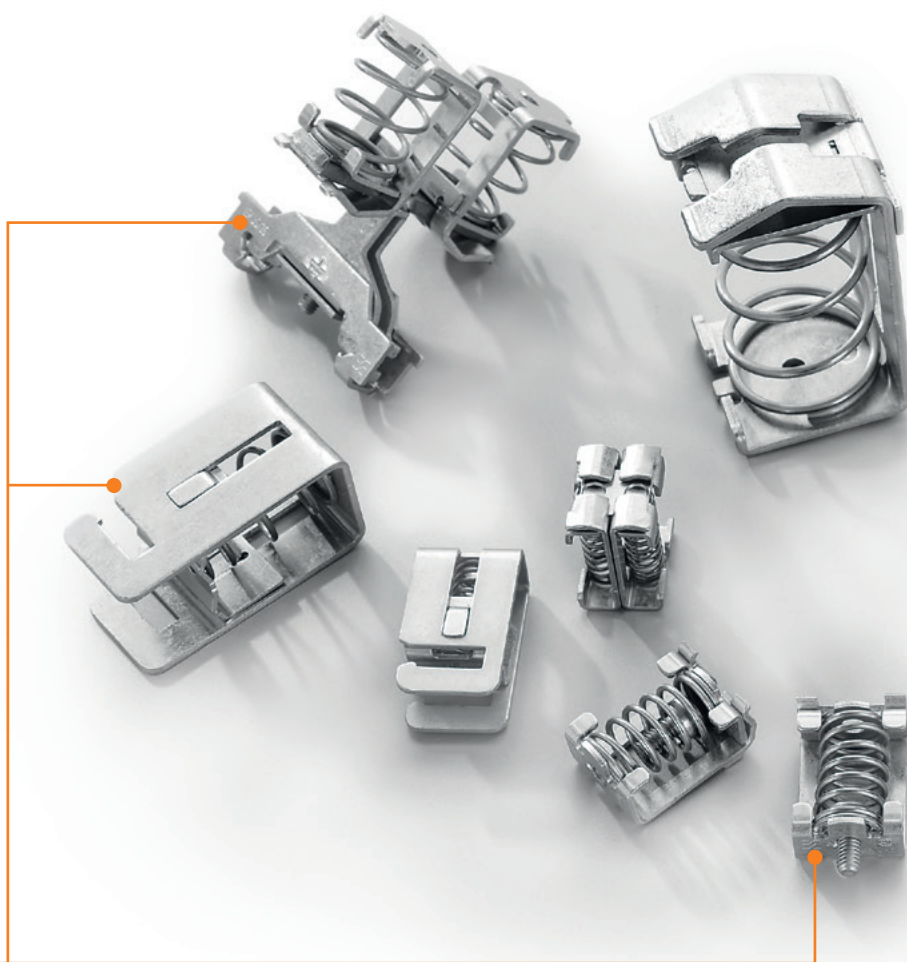
|                                         |                                                                     |      |
|-----------------------------------------|---------------------------------------------------------------------|------|
| <b>Shield connection terminals KLBÜ</b> | Overview shield connection terminals KLBÜ                           | E.2  |
|                                         | Shield connection terminals KLBÜ for 10 x 3 mm busbars              | E.6  |
|                                         | Shield connection terminals KLBÜ – Mounting directly on metal plate | E.10 |
|                                         | Shield connection terminals KLBÜ – Mounting on TS 35                | E.12 |
|                                         | Shield connection terminals KLBÜ for C-rails                        | E.13 |
|                                         | Shield connection solutions for direct wiring                       | E.14 |
|                                         | Functional earthing (PE terminals)                                  | E.15 |

# Weidmüller shield connections

## Comprehensive and self-adjusting shield contacts

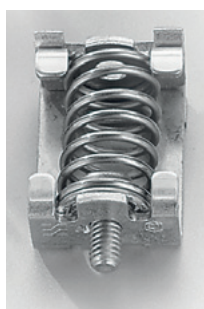
Shield connections automatically adjust themselves using the spring principle to deal with temperature-related, cross-sectional changes and are also ideal for applications with vibrations. The large contact surface area and the short connection length to the rail or mounting plate ensures optimal contact over a wide frequency band. This ensures that assembly is simple and secure.

E



### Optimal and sustainable

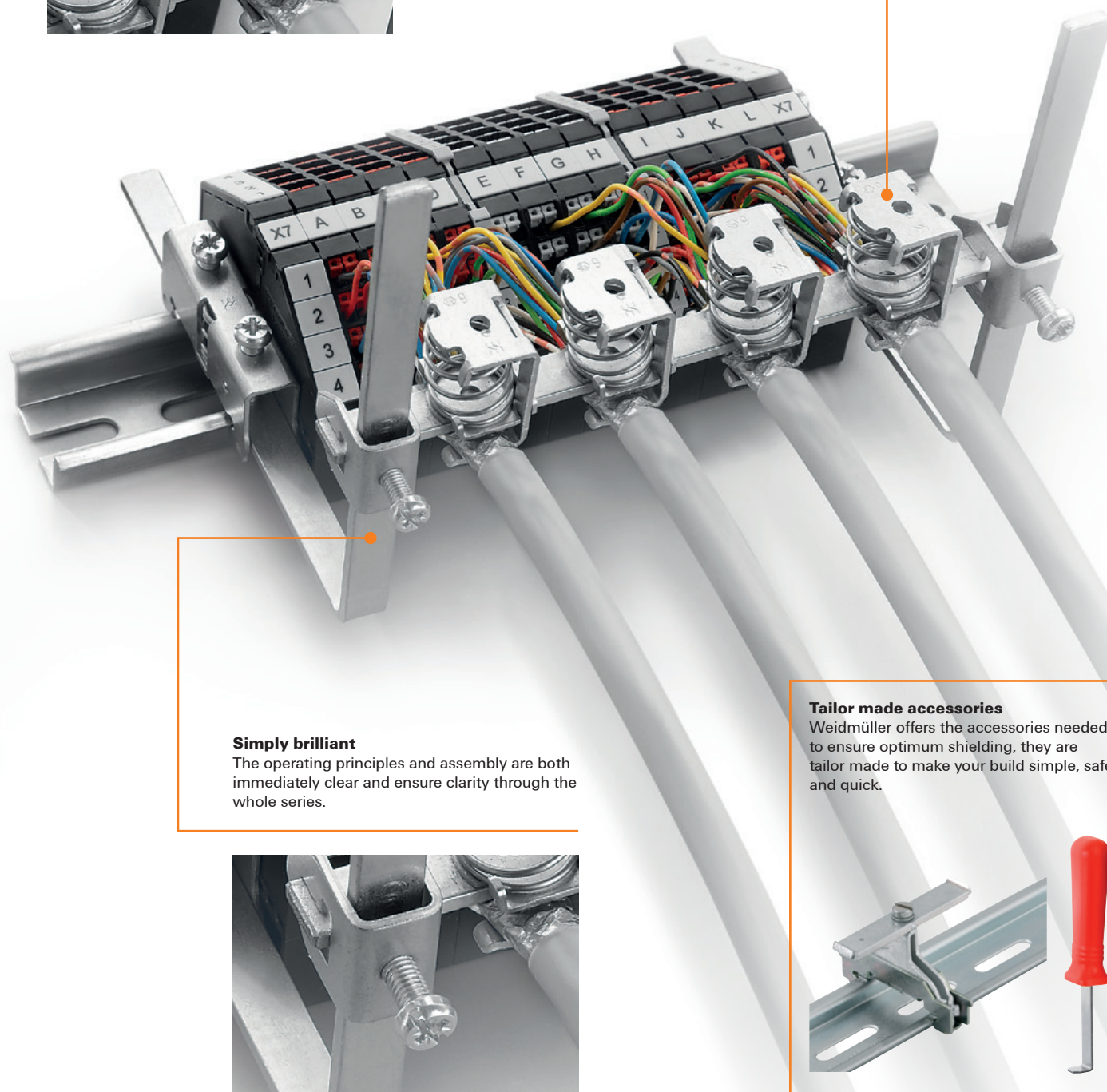
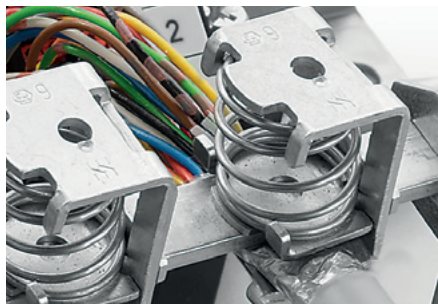
There is a suitable solution for every installation, safe and reliable thanks to the spring force.



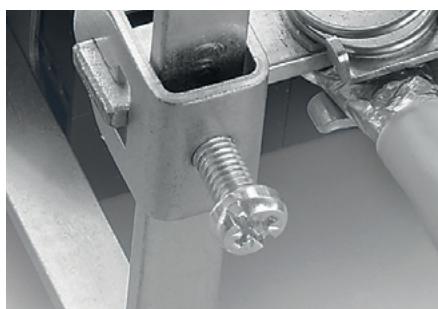


**Guaranteed contact reliability**

Be it transient surge voltages or electromagnetic fields in the area, coupling is safely prevented. The self-adjusting shield connection improves your productivity.

**Simply brilliant**

The operating principles and assembly are both immediately clear and ensure clarity through the whole series.

**Tailor made accessories**

Weidmüller offers the accessories needed to ensure optimum shielding, they are tailor made to make your build simple, safe and quick.

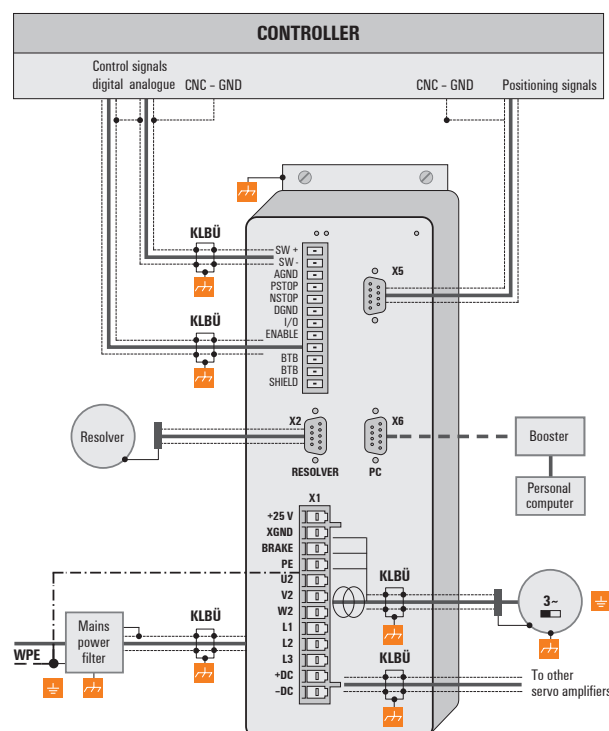


# The theoretical concept

Part 1 of the VDE 0133 standard specifies the required equipotential bonding for the electrical components of a machine. The aim is to prevent any undesirable consequences occurring as a result of electrostatic, electromagnetic and net-work bound interference.

The following measures serve this purpose:

- Use filter and time delays.
- Reference (ground) potentials split into "dirty" and "clean".
- Neutral earthing of all reference potentials with large diameters ( $\geq 6 \text{ mm}^2$ ).
- Earth connections selected should be as short as possible.
- All connections should be routed in parallel to the earthing plane.
- Use shielded cables. When possible, the shield should be earthed at both ends.
- Isolate and shield switching devices and components susceptible to interference.



## Overview of KLBÜ fittings available

For busbars  
10 x 3



For direct mounting



For C-profiles



For TS 35  
insulating/conducting



Clip on for  
10 x 3 busbar



For direct wiring in  
2.5 mm² Z terminals



# In detail

## Compression spring

- To ensure both simple handling and proper connection with permanent contact pressure as a result of the spring effect

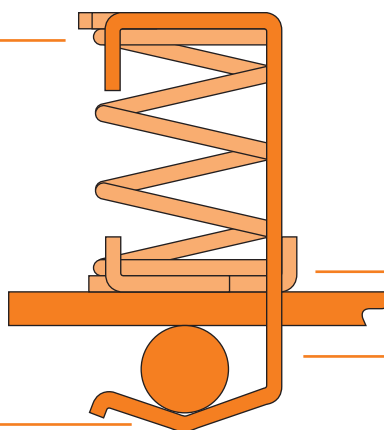
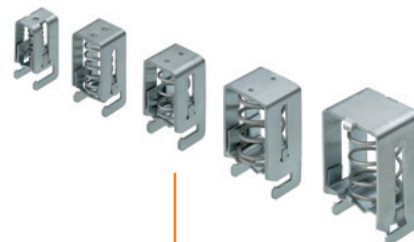


## No extra tools necessary

- Simply **swivel onto the busbar by hand** – retrospectively if necessary

## Full range

- For conductors from 2 to 37 mm diameter



## Reliable contact

- Changes in diameter (flow) of the conductor compensated for by the elastic behaviour of the clamping yoke for flexible adjustment to the cable diameter

## Many options available

- Weidmüller offers a wide range of different fastenings for mounting shield connection terminals

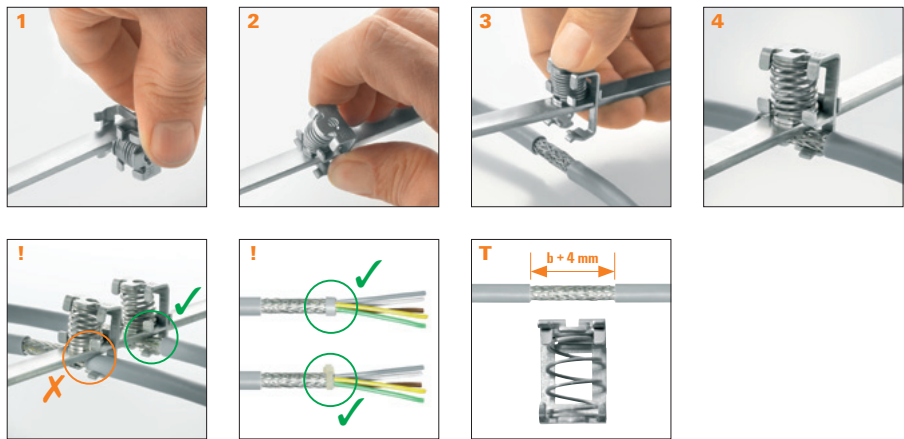
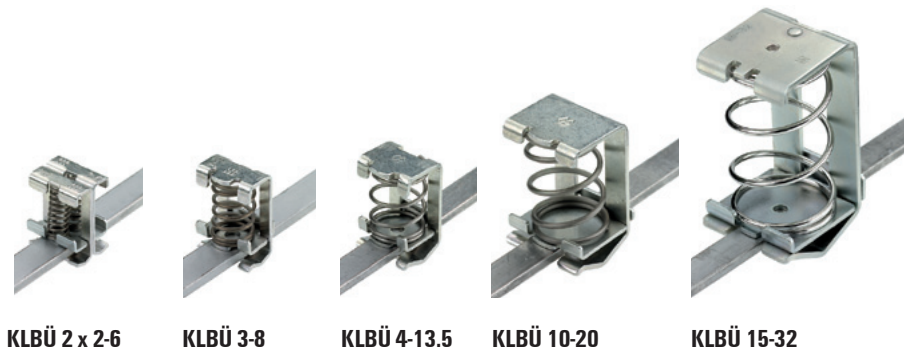
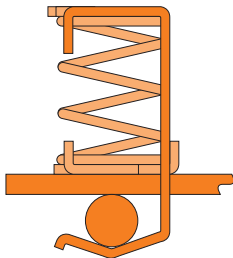
E



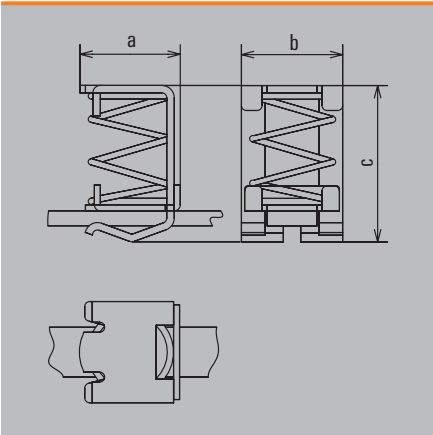
Shield connection terminals KLBÜ for 10 x 3 mm busbars

Clamping yoke

Cable fastened against the busbar from the top



KLBÜ



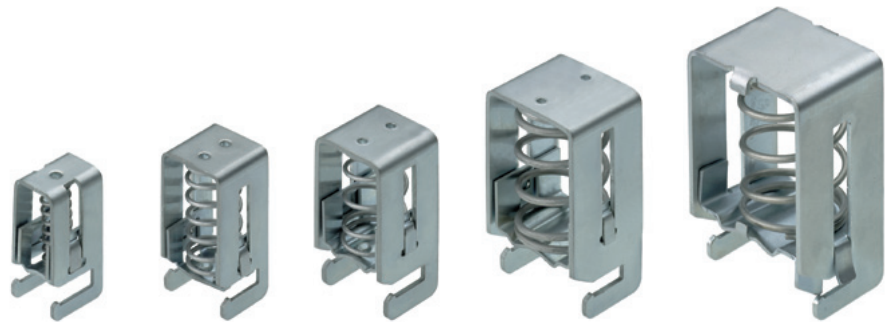
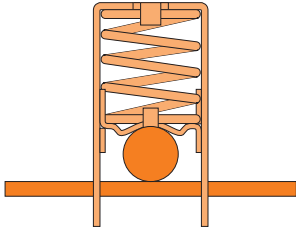
Ordering data

| Type          | For cable diameter | Dimensions (a x b x c) mm | Qty. | Order No.  |
|---------------|--------------------|---------------------------|------|------------|
| KLBÜ 2 x 2-6  | 2.0 ... 6.0 mm     | 15.0 x 18.0 x 24.0        | 10   | 1675350000 |
| KLBÜ 3-8      | 3.0 ... 8.0 mm     | 13.0 x 18.0 x 26.0        | 10   | 1600480000 |
| KLBÜ 4 x 13.5 | 4.0 ... 13.5 mm    | 20.0 x 20.5 x 31.5        | 10   | 1592810000 |
| KLBÜ 10-20    | 10.0 ... 20.0 mm   | 25.0 x 26.0 x 40.0        | 10   | 1600490000 |
| KLBÜ 15-32    | 15.0 ... 32.0 mm   | 36.0 x 32.0 x 63.9        | 10   | 1716300000 |

| 10 x 3 mm busbars         | Length    | Material | Qty. | Order No.  |
|---------------------------|-----------|----------|------|------------|
| SSch 10 x 3 x 1000 Cu, Sn | 1000.0 mm | Cu, Sn   | 1    | 0348900000 |

## Clamping yoke

Cable fastened against the busbar from the top



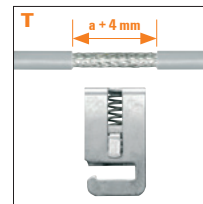
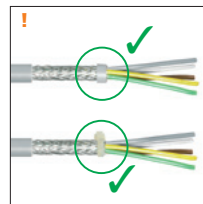
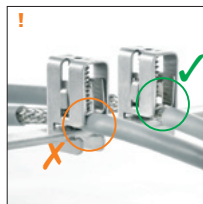
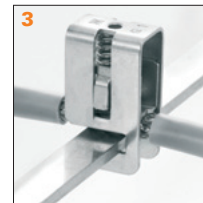
KLBÜ CO 1

KLBÜ CO 2

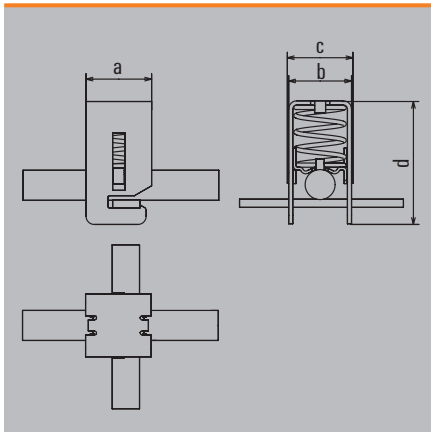
KLBÜ CO 3

KLBÜ CO 4

KLBÜ CO 5



## KLBÜ CO



## Ordering data

| Type      | For cable diameter | Dimensions (a x b x c) mm | Qty. | Order No.  |
|-----------|--------------------|---------------------------|------|------------|
| KLBÜ CO 1 | 3.0 ... 10.0 mm    | 18.0 x 12.0 x 13.2 x 32.0 | 10   | 1753311001 |
| KLBÜ CO 2 | 4.0 ... 15.0 mm    | 18.0 x 20.0 x 21.1 x 41.6 | 10   | 1752131001 |
| KLBÜ CO 3 | 10.0 ... 20.0 mm   | 25.0 x 23.0 x 24.0 x 45.0 | 10   | 1749151001 |
| KLBÜ CO 4 | 15.0 ... 28.0 mm   | 25.0 x 31.0 x 32.0 x 56.0 | 10   | 1749161001 |
| KLBÜ CO 5 | 20.0 ... 37.0 mm   | 32.0 x 40.0 x 42.7 x 64.5 | 10   | 1755081001 |

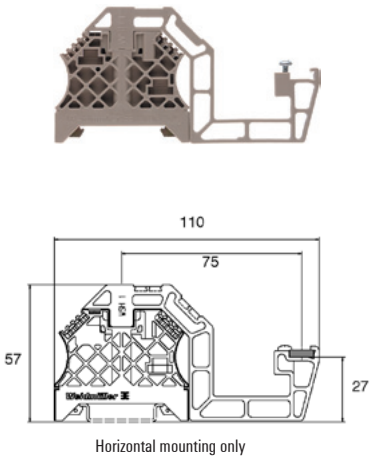
| 10 x 3 mm busbars         | Length    | Material | Qty. | Order No.  |
|---------------------------|-----------|----------|------|------------|
| SSch 10 x 3 x 1000 Cu, Sn | 1000.0 mm | Cu, Sn   | 1    | 0348900000 |

Shield connection terminals KLBÜ for 10 x 3 mm busbars

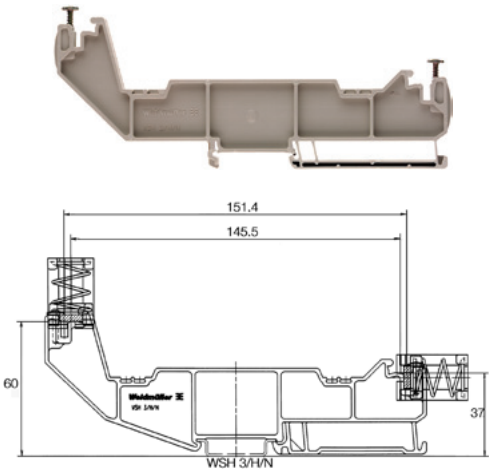
Busbar holders

Insulated mounting on TS 35

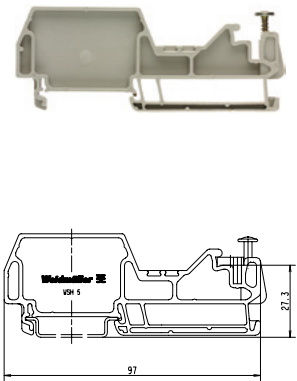
Type WSH 1



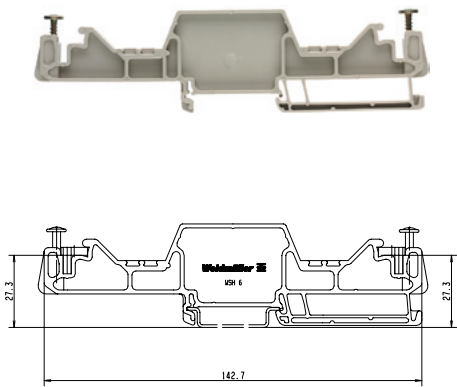
Type WSH 3/H/N



Type WSH 5



Type WSH 6



WSH

Ordering data

| Type      | Width  | Qty. | Order No.  |
|-----------|--------|------|------------|
| WSH 1     | 8.0 mm | 10   | 1068700000 |
| WSH 3/H/N | 8.0 mm | 10   | 1715970000 |
| WSH 5     | 8.0 mm | 10   | 1080100000 |
| WSH 6     | 8.0 mm | 10   | 1080200000 |

| 10 x 3 mm busbars         | Length    | Material | Qty. | Order No.  |
|---------------------------|-----------|----------|------|------------|
| SSch 10 x 3 x 1000 Cu, Sn | 1000.0 mm | Cu, Sn   | 1    | 0348900000 |

**Busbar holders**

Conductive mounting on TS 35

**TS 35-Clip**

BS 35/WSH 2

**Busbar connector**

BFEH 1/WSH

**Angled rail**

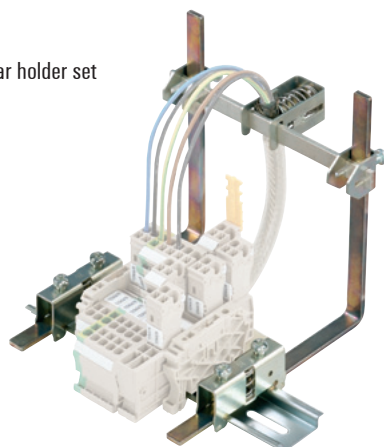
SMSE WSH U1MT



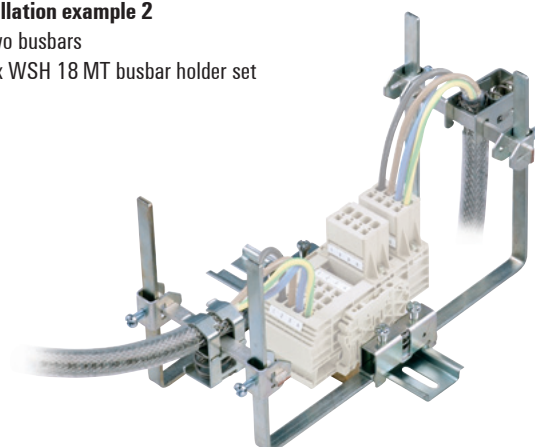
SMSE WSH 135/60 MT

**Installation example 1**

- One busbar
- 2 x WSH 19 MT busbar holder set

**Installation example 2**

- Two busbars
- 2 x WSH 18 MT busbar holder set

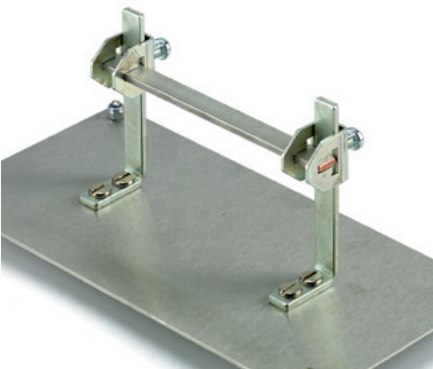
**WSH****Ordering data**

| TS 35-Clip                |  | Dimensions (L x B x H) mm             |            | Qty.          | Order No.  |
|---------------------------|--|---------------------------------------|------------|---------------|------------|
| BS 35/WSH 2               |  | 52.0 x 37.0 x 13.0                    |            | 10            | 1760720000 |
| Busbar connector          |  | Dimensions (L x B x H) mm             |            | Qty.          | Order No.  |
| BFEH 1/WSH                |  | 20.0 x 31.0 x 13.5                    |            | 10            | 1082400000 |
| Angled rail               |  | Dimensions (L x B x H) mm             |            | Qty.          | Order No.  |
| SMSE WSH U1MT             |  | 134.0 x 10.0 x 134.0                  |            | 10            | 1083900000 |
| SMSE WSH 135/60 MT        |  | 60.0 x 10.0 x 60.0                    |            | 10            | 1246990000 |
| Busbar holder sets        |  | Contents (parts loose in plastic bag) |            |               |            |
|                           |  | BS 35/WSH 2                           | BFEH 1/WSH | SMSE WSH U1MT | Order No.  |
| WSH 18 MT                 |  | 1 pcs.                                | 2 pcs.     | 2 pcs.        | 1083100000 |
| WSH 19 MT                 |  | 1 pcs.                                | 1 pcs.     | 1 pcs.        | 1083200000 |
| 10 x 3 mm busbars         |  | Länge                                 | Material   | Qty.          | Order No.  |
| SSch 10 x 3 x 1000 Cu, Sn |  | 1000.0 mm                             | Cu, Sn     | 1             | 0348900000 |

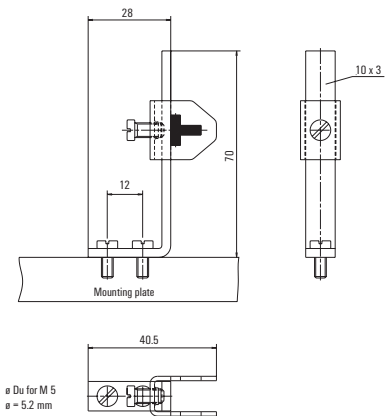
Shield connection terminals KLBÜ – Mounting directly on metal plate

Busbar holder / Spacer

Busbar holder



Set (WSH 4 MT) consisting of:  
- 1 busbar holder  
- 1 busbar connector (BFEH 1/WSH)



Spacer



M6 outer and inner thread  
(15 mm, 20 mm and 30 mm long)

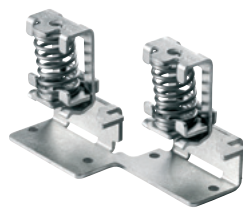
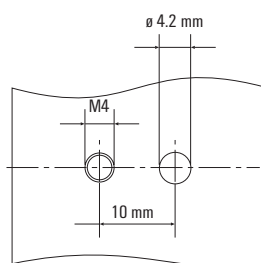


WSH 4 MT / SP

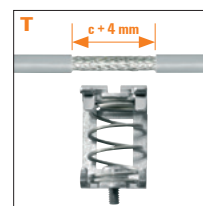
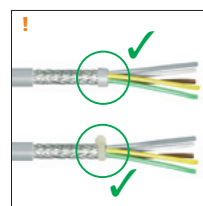
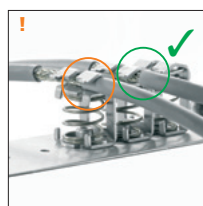
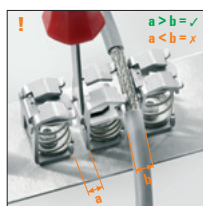
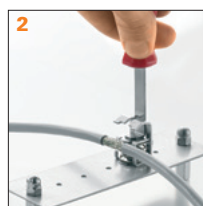
Ordering data

| Busbar holder  |        | Qty. | Order No.  |
|----------------|--------|------|------------|
| WSH 4 MT       |        | 10   | 1079900000 |
|                |        |      |            |
| Spacer         | Length | Qty. | Order No.  |
| SP 15 set of 2 | 15 mm  | 1    | 3896100000 |
| SP 20 set of 2 | 20 mm  | 1    | 3896200000 |
| SP 30 set of 2 | 30 mm  | 1    | 3896300000 |

A diagram of a mass-spring system. A blue sphere representing a mass is suspended from a horizontal support by a coiled spring. The spring is attached to a vertical rod that passes through a horizontal base. The system is shown in its equilibrium position.



**KLBÜ 15-32 SC**



Technical drawing of a spring assembly. The drawing shows a side view of a spring with dimensions  $a$ ,  $b$ ,  $c$ ,  $d$ , and  $e$ . Dimension  $a$  is the total height of the spring assembly. Dimension  $b$  is the height of the top part of the spring. Dimension  $c$  is the height of the bottom part of the spring. Dimension  $d$  is the total height of the spring assembly. Dimension  $e$  is the height of the bottom part of the spring. A cross-section view of the spring is shown below the main drawing.

| Type               | For cable diameter | Thread length | Dimensions (a x b x c) mm | Qty. | Order No.  |
|--------------------|--------------------|---------------|---------------------------|------|------------|
| SCH-1-WB           | 3.0 ... 8.0 mm     |               | 32.5 x 33.3 x 70.3 x 39.0 | 5    | 1739890000 |
| KLBÜ 3-8 SC        | 3.0 ... 8.0 mm     | 5.65 mm       | 13.5 x 11.5 x 18.0 x 26.0 | 10   | 1692261001 |
| KLBÜ 4-13.5 SC     | 4.0 ... 13.5 mm    | 5.30 mm       | 20.0 x 17.8 x 20.3 x 31.4 | 10   | 1712311001 |
| KLBÜ 10-20 SC      | 10.0 ... 20.0 mm   | 5.30 mm       | 24.8 x 23.0 x 26.0 x 40.0 | 10   | 1712321001 |
| KLBÜ 15-32 SC      | 15.0 ... 32.0 mm   | 4.80 mm       | 36.0 x 33.3 x 32.0 x 64.0 | 10   | 1718341001 |
| Self-tapping screw |                    |               |                           | Qty. | Order No.  |
| KLBUE 3-8 SDSC     | 3.0 ... 8.0 mm     |               | 36.0 x 33.3 x 32.0 x 64.0 | 10   | 1835840000 |
|                    |                    |               |                           |      |            |
| Operating tool     |                    |               |                           | Qty. | Order No.  |
| BTWZ KLBÜ          |                    |               |                           | 1    | 1742630000 |



Shield connection terminals KLBÜ – Mounting on TS 35

FM 4 foot / Clamping yoke holder

FM 4 foot

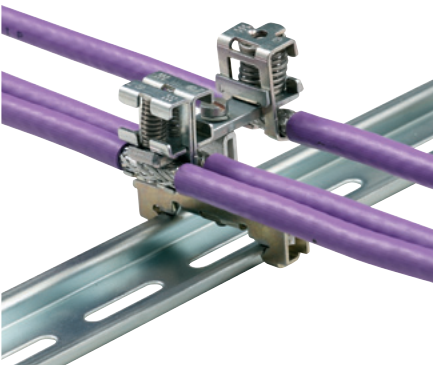


The KLBÜ SC clamping yokes (see page E.11) are screwed onto the **FM 4 foot**.



KLBÜ 4-13.5 FM4

Clamping yoke holder



BS 35 II (without KLBÜ)

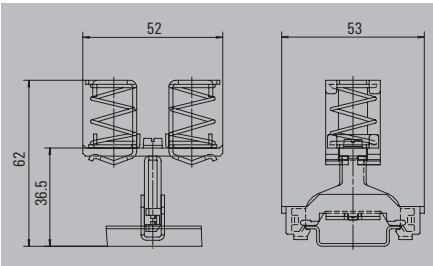


BS 35 II / KLBÜ 3-8



BS 35 II / KLBÜ 3-8 / 2 x 2-6

FM 4 / BS 35 II

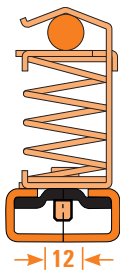


Ordering data

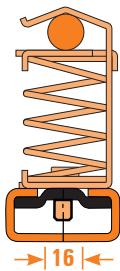
| FM 4 foot                       |  | Qty. | Order No.  |
|---------------------------------|--|------|------------|
| FM 4                            |  | 40   | 0687900000 |
| Clamp fitted with FM 4 foot     |  | Qty. | Order No.  |
| KLBUE 3-8 FM4                   |  | 10   | 1252530000 |
| KLBUE 4-13.5 FM4                |  | 10   | 1252520000 |
| KLBUE 10-20 FM4                 |  | 10   | 1252510000 |
| KLBUE 15-32 FM4                 |  | 10   | 1252490000 |
| Clamping yoke holder            |  | Qty. | Order No.  |
| BS 35 II                        |  | 10   | 1723800000 |
| BS 35 II / KLBÜ 3-8             |  | 10   | 1723810000 |
| BS 35 II / KLBÜ 4-13.5          |  | 10   | 1723820000 |
| BS 35 II / KLBÜ 3-8/2 x 2-6     |  | 10   | 1749430000 |
| BS 35 II / KLBÜ 2 x 3-8/2 x 2-6 |  | 10   | 1768020000 |



Clamping yoke



12



16



KLBÜ 3-8 CPF



KLBÜ 4-13.5 CPF



KLBÜ 10-20 CPF



KLBÜ 15-32 CPF



KLBUE 4-13.5 CPF16

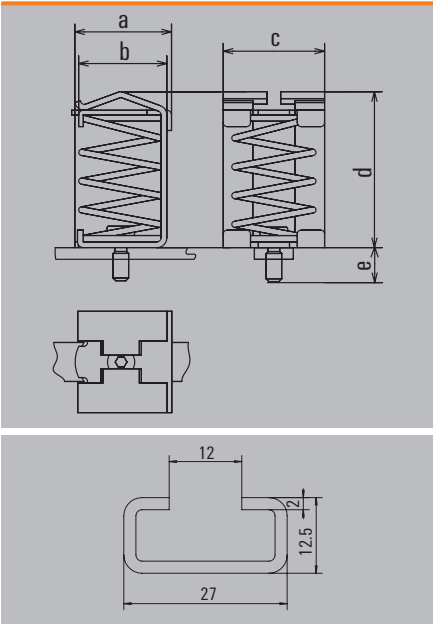


KLBUE 10-20 CPF16



KLBUE 15-32 CPF16

KLBÜ CPF



Ordering data

| Type for 12 mm profile | For cable diameter | Dimensions (a x b x c x d) mm | Qty. | Order No.  |
|------------------------|--------------------|-------------------------------|------|------------|
| KLBÜ 3-8 CPF           | 3.0 ... 8.0 mm     | 13.5 x 11.5 x 18.0 x 26.0     | 10   | 1752681001 |
| KLBÜ 4-13.5 CPF        | 4.0 ... 13.5 mm    | 20.0 x 17.8 x 20.3 x 31.4     | 10   | 1752691001 |
| KLBÜ 10-20 CPF         | 10.0 ... 20.0 mm   | 24.8 x 23.0 x 26.0 x 40.0     | 10   | 1752701001 |
| KLBÜ 15-32 CPF         | 15.0 ... 32.0 mm   | 36.0 x 33.3 x 32.0 x 64.0     | 10   | 1752711001 |

| Type for 16 mm profile | Qty. | Order No.  |
|------------------------|------|------------|
| KLBUE 4-13.5 CPF16     | 10   | 1167850000 |
| KLBUE 10-20 CPF16      | 10   | 1252550000 |
| KLBUE 15-32 CPF16      | 10   | 1252540000 |

| C-rail                    | Qty. | Order No.  |
|---------------------------|------|------------|
| TS 27 x 12.5M / ST / F.ZN | 10 m | 1802690000 |

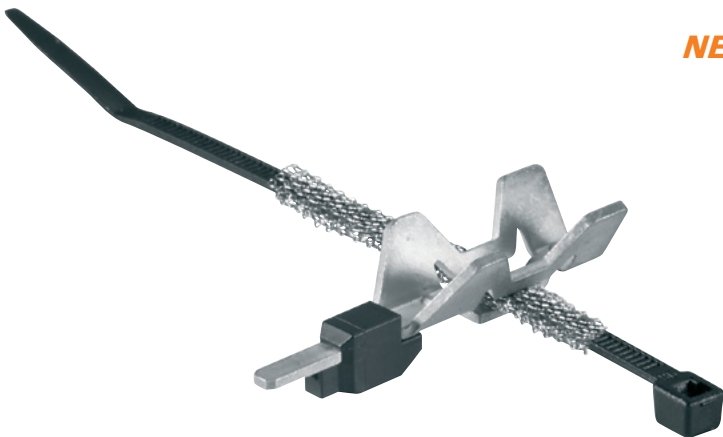


Shield connection solutions for direct wiring

Shielding solutions for direct connection

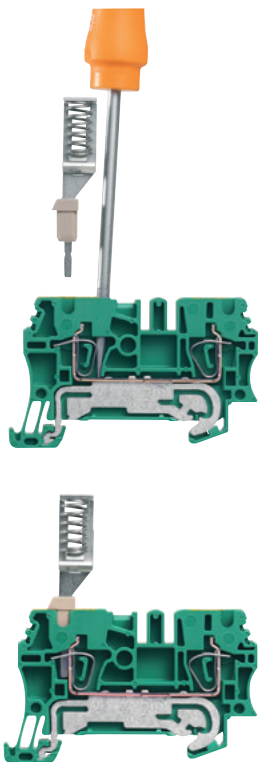


KLBÜ 4-6 Z/1



NEW

EMC set



Ordering data

| Type for 12 mm profile                     | For cable diameter | Qty. | Order No.  |
|--------------------------------------------|--------------------|------|------------|
| KLBÜ 4-6 Z/1                               | 4.0 ... 6.0 mm     |      | 2269800000 |
| <b>Note:</b> Suitable for 2.5 mm² Z-series |                    |      |            |
|                                            |                    | Qty. | Order No.  |
| EMC-Set                                    |                    | 1    | 1067470000 |
| EMC-CONTACT                                |                    | 1    | 1067520000 |
| EMC-TIE                                    |                    | 1    | 1067490000 |

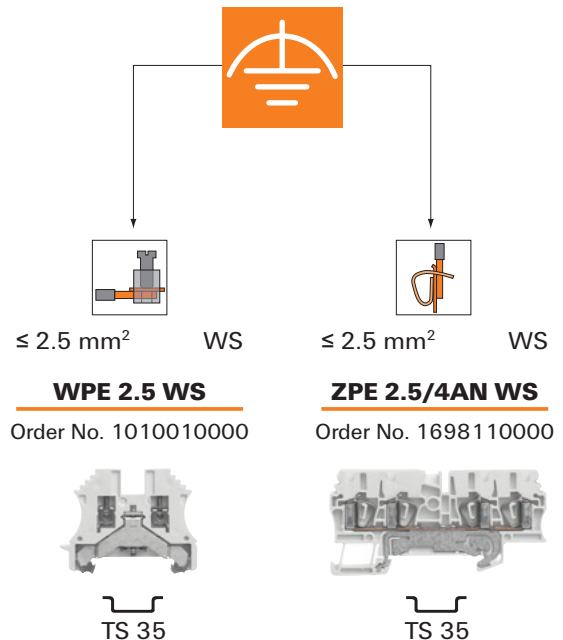
# Functional earth

## Functional earth

The functional earth is an equipotential bonding mechanism that is used to discharge shield-coupled transient currents. It can also have an earth function to prevent sensitive devices from damage. The same applies for couplings to grounding lines inside equipment – these must also be discharged. DIN VDE 0113 and VDE 0197 differ according to FE and PE: because there is a degree of freedom when designing the functional earth, but the protective earth must be conform with clear requirements. PE terminal blocks which are intended to protect human life must be labelled green-yellow. They can still be used for functional earthing although. White PE terminals (FE) can be used as the functional earth. Even the symbols used here have been extended in order to clarify the functional earth. In contrast to the protective earth, a meshing is not useful for the functional earth: instead wiring in a star topology makes more sense. This creates a so-called “clean” earth because compensation currents are not possible when this type of wiring is used. In such a case, the key is a low-impedance connection. The length of the line is also a critical factor.

For systems where this distinction must or should be made, Weidmüller offers white PE terminal blocks from the W- and Z-series. These terminals are easily identified through their colouring, showing that the circuits are only there to functionally protect the electrical systems that are connected.

Symbol for functional earthing





# Accessories

|                    |                                        |      |
|--------------------|----------------------------------------|------|
| <b>Accessories</b> | Busbars                                | F.2  |
|                    | Terminal rails                         | F.8  |
|                    | End brackets                           | F.12 |
|                    | Terminal rail supports / Mounting feet | F.13 |
|                    | Cover strips and retaining plates      | F.15 |
|                    | Terminal markers                       | F.16 |
|                    | Printing systems and software          | F.35 |
|                    | Tools                                  | F.42 |
|                    | Wire end ferrules                      | F.66 |
|                    | Insulated cable connectors             | F.78 |

# Busbars

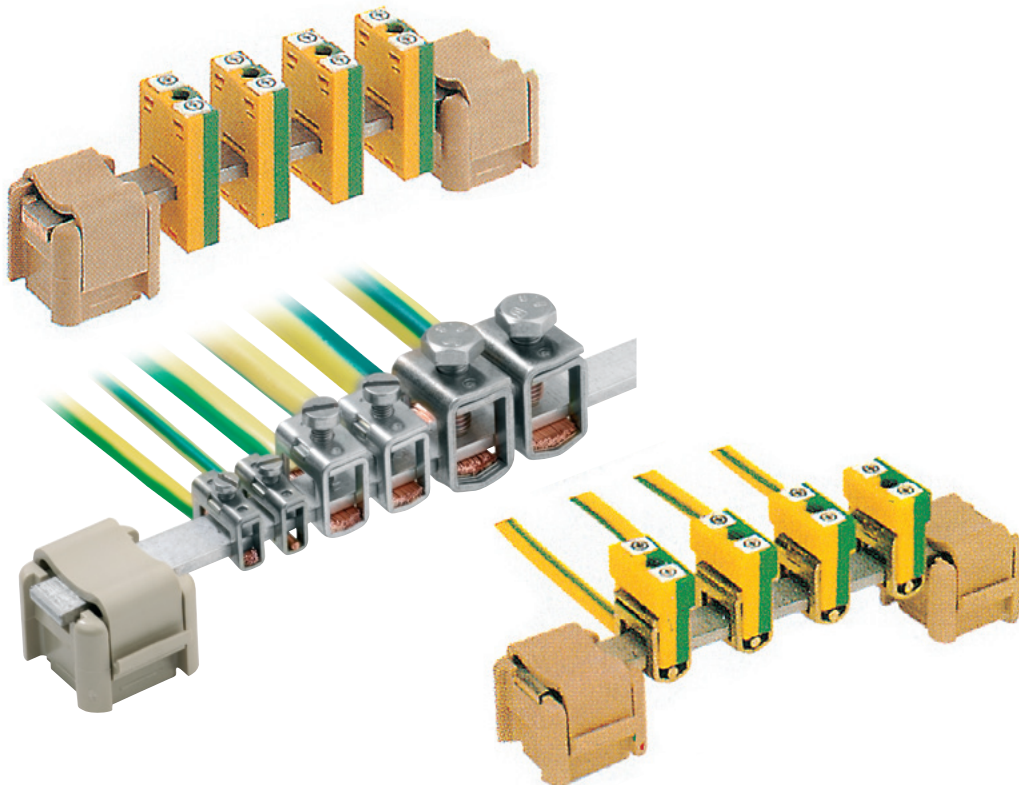
In switching facilities and controllers, the N conductor may need to be merged with the PE conductor at a central point. For this reason, busbars are available that allow a wide range of cables to be connected within a confined space (up to 70 wires on one metre of rail). The cables are connected via a compression piece or a clamping yoke. A guide lug at the compression piece grips into the busbar and holds tightly to the compression piece. The clamping yokes can be moved on the busbar and adjusted to the whole wiring in the facility. The busbar can be used without holes in various lengths. The SH rail holding clamp is used for fastening. On longer rails, it can also be aligned between clamping yokes.

In order to bring together neutral conductors and protective conductors at a central point, it is advantageous to use ZB cable clamps together with 10 x 3 or 6 x 6 busbars. The cable clamps can be pushed onto the busbar and adjusted to the entire wiring in the system. The cable clamp serves as the protective conductor connection and can be supplied with green/yellow insulating caps. These caps indicate the protective function and marking tags allow clear identification of each conductor. If the cable clamps are used to connect neutral conductors, they can be marked with a blue insulating cap.

ZBE 6 can also be swivelled onto the busbar retrospectively.

## F

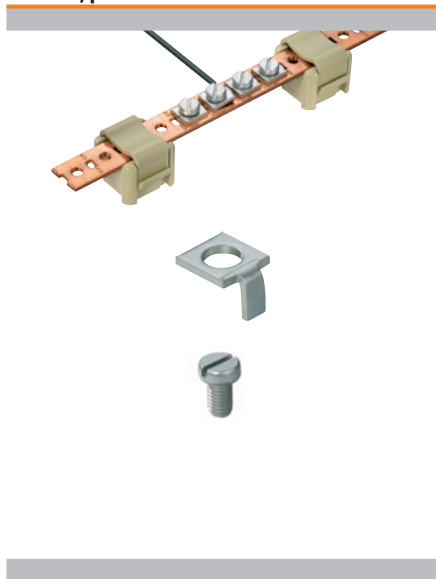
### Cable clamps



## Busbars, unperforated



## Busbars, perforated



## SSch

| Type        | Material           | Cross-section | Length | Current carrying capacity | Qty. | Order No.  |
|-------------|--------------------|---------------|--------|---------------------------|------|------------|
| SSch 10 x 3 | Copper, tin-plated | 10 x 3 mm     | 1 m    | 140 A                     | 1    | 0348900000 |
| SSch 10 x 3 | Steel, galvanised  | 10 x 3 mm     | 1 m    |                           | 1    | 0438000000 |
| SSch 10 x 3 | Brass, blank       | 10 x 3 mm     | 1 m    | 100 A                     | 1    | 0259800000 |
| SSch 6 x 6  | Copper, tin-plated | 6 x 6 mm      | 1 m    | 140 A                     | 1    | 0571300000 |
| SSch 15 x 6 | Copper, tin-plated | 15 x 6 mm     | 1 m    | 265 A                     | 1    | 0357400000 |

## NSch / ESch

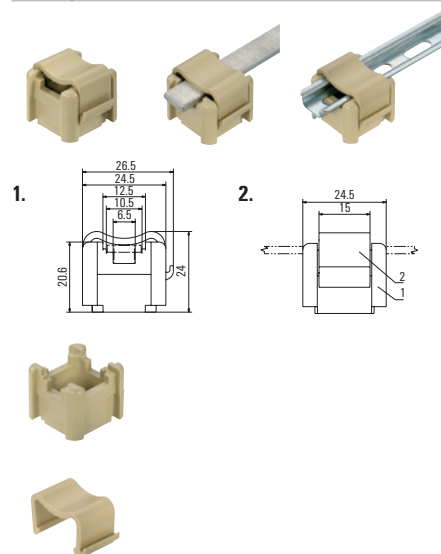
| Type        | Material          | Cross-section | Length | Current carrying capacity | Qty. | Order No.  |
|-------------|-------------------|---------------|--------|---------------------------|------|------------|
| NSch 15 x 2 | Copper, blank     | 15 x 2 mm     | 1 m    | 80 A                      | 1    | 0280200000 |
| ESch 12 x 2 | Steel, galvanised | 12 x 2 mm     | 1 m    |                           | 1    | 0280300000 |
| NSch 2M     | Copper, blank     | 15 x 2 mm     | 2 m    | 80 A                      | 1    | 1313600000 |

| Pressure piece | Qty. | Order No.  |
|----------------|------|------------|
| DKSUE          | 100  | 0280100000 |
| Clamping screw | Qty. | Order No.  |
| BFSC M5 x 8    | 100  | 0296700000 |

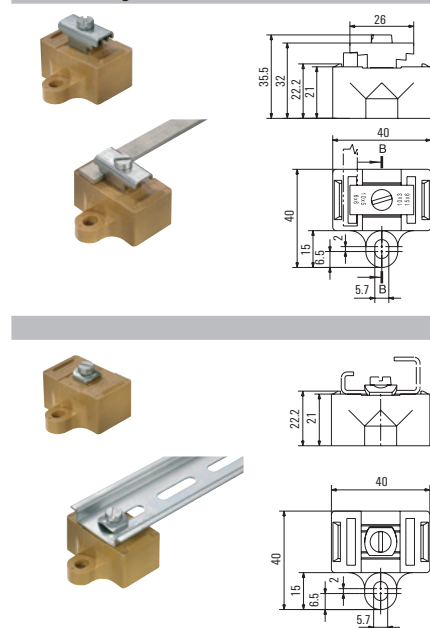
## Connection data NSch / ESch

|                             |                             |
|-----------------------------|-----------------------------|
| Screw connection solid      | 0.5 ... 2.5 mm <sup>2</sup> |
| Stripping length            | 9 mm                        |
| Cable lug connection        | max. 16 mm <sup>2</sup>     |
| Max. current per connection | 27 A                        |

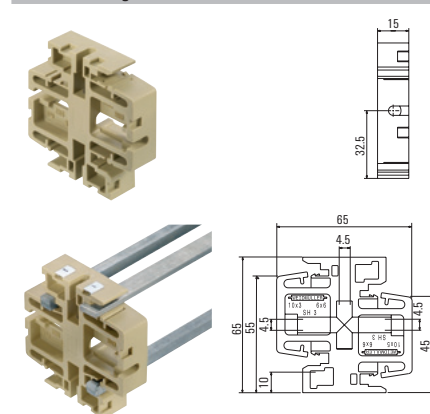
**With clip and base**



### With metal bridge



### With metal bridge



| Type                | Figure | For busbar cross-section .... | Qty. | Order No.  |
|---------------------|--------|-------------------------------|------|------------|
| SH 1 TS 15 complete | 1.     | 10 x 3, 6 x 6, 15 x 2, 12 x 2 | 20   | 0299860000 |
|                     | 2.     | 15 x 2, 15 x 6                |      |            |

|                      |               |
|----------------------|---------------|
| Individual parts SH1 |               |
| SH 1 Base            | 20 0401460000 |

|           |     |            |
|-----------|-----|------------|
| SH 1 Clip | 500 | 0635960000 |
|-----------|-----|------------|

**Fixing screw for SH1**

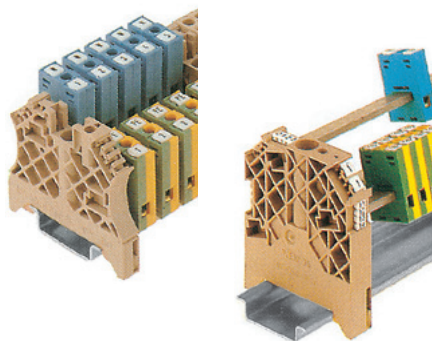
|            |                   |     |            |
|------------|-------------------|-----|------------|
| BFSC M4x9  | for 1 SH1         | 100 | 0103300000 |
| BFSC M4x30 | for 2 SH1 stacked | 50  | 0267100000 |

| Type  | For busbar cross-section .... | Qty. | Order No.  |
|-------|-------------------------------|------|------------|
| SH 2S | 10 x 3, 6 x 6, 10 x 5, 15 x 6 | 10   | 0641720000 |

| Type |                                                                   | Qty. | Order No.  |
|------|-------------------------------------------------------------------|------|------------|
| SH 2 | The arrangement of mounting rails in totally insulated facilities | 10   | 0494920000 |

| Type | For busbar cross-section .... | Qty. | Order No.  |
|------|-------------------------------|------|------------|
| SH 3 | 10 x 3, 6 x 6, 10 x 5         | 10   | 0556660000 |

## Busbar holders

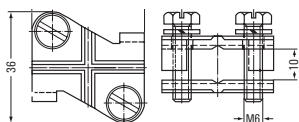
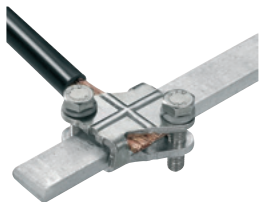
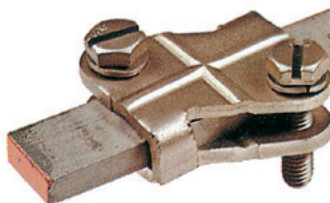


## WEW

| Type        | For busbar cross-section .... | Qty. | Order No.  |
|-------------|-------------------------------|------|------------|
| WEW 35/1    | 10 x 3, 6 x 6                 | 50   | 1059000000 |
| WEW 35/1 SW | 10 x 3, 6 x 6                 | 100  | 1162600000 |
| WEW 35/1 GR | 10 x 3, 6 x 6                 | 100  | 1227890000 |
| WEW 35/2    | 10 x 3, 6 x 6                 | 100  | 1061200000 |
| WEW 35/2 SW | 10 x 3, 6 x 6                 | 100  | 1061210000 |
| WEW 35/2 GR | 10 x 3, 6 x 6                 | 100  | 1859200000 |

WEW 35/1 and WEW35/2 as  
busbar holder together with  
the ZB 4 G tension clamp

## Connection element



## AK 95

| Type  | For busbar cross-section .... | Qty. | Order No.  |
|-------|-------------------------------|------|------------|
| AK 95 | 15 x 6 mm                     | 10   | 0364200000 |

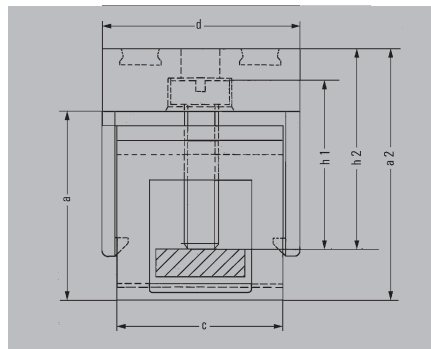
The AK 95 connection element is used as a tension clamp for 15 x 6 busbars

Connection cross-sections: Solid = 6...16 mm<sup>2</sup>  
Flexible = 6...50 mm<sup>2</sup>  
Stranded = 16...50 mm<sup>2</sup>



## Busbars

## Cable clamp, uninsulated

Tightening torques for clamping screws  
according to IEC 60947-1

| Products with screw with slotted head |                                  |                    |
|---------------------------------------|----------------------------------|--------------------|
| Thread                                | Tightening torque                |                    |
|                                       | Steel screws<br>min. 8.8<br>[Nm] | A 2/A 4-80<br>[Nm] |
| M 2                                   | 0.2...0.35                       | 0.2...0.35         |
| M 2.5                                 | 0.4...0.8                        | 0.4...0.8          |
| M 3                                   | 0.5...1.0                        | 0.5...1.0          |
| M 3.5                                 | 0.8...1.6                        | 0.8...1.6          |
| M 4                                   | 1.2...2.4                        | ...                |
| M 5                                   | 2.0...4.0                        | ...                |
| M 6                                   | 2.5...5.0                        | ...                |

## For 10 x 3 mm busbars



|                           |                             |
|---------------------------|-----------------------------|
| Connection cross-section: |                             |
| Solid                     | 0.5 ... 6.0 mm <sup>2</sup> |
| Flexible                  | 0.5 ... 4.0 mm <sup>2</sup> |
| Stranded                  | -                           |
| Clamping screw            | M 3                         |
| Stripping length          | 16 mm                       |

## For retrofitting



|                           |                            |
|---------------------------|----------------------------|
| Connection cross-section: |                            |
| Solid                     | 1.0 ... 10 mm <sup>2</sup> |
| Flexible                  | 1.5 ... 10 mm <sup>2</sup> |
| Stranded                  | -                          |

|                  |       |
|------------------|-------|
| Clamping screw   | M 4   |
| Stripping length | 19 mm |

## Also for 10 x 5 mm busbar



|                           |                            |
|---------------------------|----------------------------|
| Connection cross-section: |                            |
| Solid                     | 1.5 ... 10 mm <sup>2</sup> |
| Flexible                  | 2.5 ... 10 mm <sup>2</sup> |
| Stranded                  | -                          |

|                  |       |
|------------------|-------|
| Clamping screw   | M 4   |
| Stripping length | 19 mm |



|                           |                            |
|---------------------------|----------------------------|
| Connection cross-section: |                            |
| Solid                     | 2.5 ... 16 mm <sup>2</sup> |
| Flexible                  | 2.5 ... 16 mm <sup>2</sup> |
| Stranded                  | 16 ... 25 mm <sup>2</sup>  |

|                  |       |
|------------------|-------|
| Clamping screw   | M 4   |
| Stripping length | 16 mm |



|                           |                           |
|---------------------------|---------------------------|
| Connection cross-section: |                           |
| Solid                     | -                         |
| Flexible                  | 16 ... 35 mm <sup>2</sup> |
| Stranded                  | 16 ... 50 mm <sup>2</sup> |

|                  |       |
|------------------|-------|
| Clamping screw   | M 6   |
| Stripping length | 19 mm |

## For 6 x 6 mm busbar



|                           |                             |
|---------------------------|-----------------------------|
| Connection cross-section: |                             |
| Solid                     | 0.5 ... 6.0 mm <sup>2</sup> |
| Flexible                  | 0.5 ... 4.0 mm <sup>2</sup> |
| Stranded                  | -                           |

|                  |       |
|------------------|-------|
| Clamping screw   | M 3   |
| Stripping length | 16 mm |



|                           |                            |
|---------------------------|----------------------------|
| Connection cross-section: |                            |
| Solid                     | 2.5 ... 16 mm <sup>2</sup> |
| Flexible                  | 2.5 ... 16 mm <sup>2</sup> |
| Stranded                  | 16 ... 25 mm <sup>2</sup>  |

|                  |       |
|------------------|-------|
| Clamping screw   | M 4   |
| Stripping length | 12 mm |

## ZB / ZBE

| Type           | Colour         | Dimensions [mm] |       |      |      | Qty. | Order No.  |
|----------------|----------------|-----------------|-------|------|------|------|------------|
|                |                | a               | Width | c    | h1   |      |            |
| ZB 4, blank    | -              | 11.7            | 5.6   | 16.0 | 10.0 | 50   | 0316500000 |
| Insulating cap | blue           |                 |       |      |      | 50   | 0475480000 |
| Insulating cap | green / yellow |                 |       |      |      | 50   | 0475460000 |

|                |                |      |     |      |      |    |            |
|----------------|----------------|------|-----|------|------|----|------------|
| ZBE 6, blank   | -              | 19.5 | 8.2 | 19.5 | 19.0 | 50 | 0459500000 |
| Insulating cap | green / yellow |      |     |      |      | 50 | 0526060000 |

|              |   |      |     |      |      |    |            |
|--------------|---|------|-----|------|------|----|------------|
| ZB 10, blank | - | 19.5 | 8.2 | 19.5 | 19.0 | 50 | 1261300000 |
|--------------|---|------|-----|------|------|----|------------|

|                |                |      |      |      |      |    |            |
|----------------|----------------|------|------|------|------|----|------------|
| ZB 16, blank   | -              | 17.0 | 10.0 | 16.0 | 17.0 | 50 | 0316600000 |
| Insulating cap | blue           |      |      |      |      | 50 | 0502980000 |
| Insulating cap | green / yellow |      |      |      |      | 50 | 0502960000 |

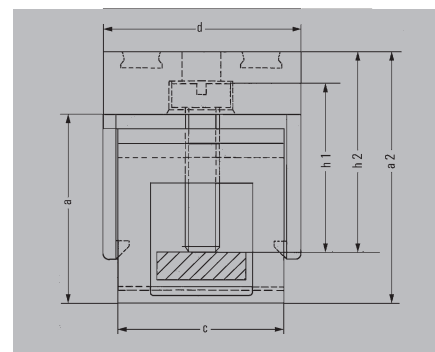
|                |      |      |      |      |      |    |            |
|----------------|------|------|------|------|------|----|------------|
| ZB 35, blank   | -    | 21.0 | 14.4 | 18.4 | 20.5 | 20 | 0266500000 |
| Insulating cap | blue |      |      |      |      | 50 | 0502780000 |

## ZB

| Type          | Colour | Dimensions [mm] |     |      |      | Qty. | Order No.  |
|---------------|--------|-----------------|-----|------|------|------|------------|
|               |        | a               | b   | c    | h1   |      |            |
| ZB 4/6, blank |        | 14.7            | 5.6 | 12.5 | 10.0 | 50   | 0556700000 |

|                |  |      |      |      |      |    |            |
|----------------|--|------|------|------|------|----|------------|
| ZB 16/6, blank |  | 19.0 | 10.0 | 12.5 | 17.0 | 50 | 0556800000 |
|----------------|--|------|------|------|------|----|------------|

## Cable clamp, insulated



## For 10 x 3 mm busbars

|                  |                           |                             |
|------------------|---------------------------|-----------------------------|
|                  | Connection cross-section: |                             |
|                  | Solid                     | 0.5 ... 6.0 mm <sup>2</sup> |
|                  | Flexible                  | 0.5 ... 4.0 mm <sup>2</sup> |
|                  | Stranded                  | -                           |
|                  | Clamping screw            | M 3                         |
| Stripping length |                           | 16 mm                       |

## For retrofitting

|                  |                           |                            |
|------------------|---------------------------|----------------------------|
|                  | Connection cross-section: |                            |
|                  | Solid                     | 1.0 ... 10 mm <sup>2</sup> |
|                  | Flexible                  | 1.5 ... 10 mm <sup>2</sup> |
|                  | Stranded                  | -                          |
|                  | Clamping screw            | M 4                        |
| Stripping length |                           | 19 mm                      |

|                  |                           |                            |
|------------------|---------------------------|----------------------------|
|                  | Connection cross-section: |                            |
|                  | Solid                     | 2.5 ... 16 mm <sup>2</sup> |
|                  | Flexible                  | 2.5 ... 16 mm <sup>2</sup> |
|                  | Stranded                  | 16 ... 25 mm <sup>2</sup>  |
|                  | Clamping screw            | M 4                        |
| Stripping length |                           | 16 mm                      |

|                  |                           |                           |
|------------------|---------------------------|---------------------------|
|                  | Connection cross-section: |                           |
|                  | Solid                     | -                         |
|                  | Flexible                  | 16 ... 35 mm <sup>2</sup> |
|                  | Stranded                  | 16 ... 50 mm <sup>2</sup> |
|                  | Clamping screw            | M 6                       |
| Stripping length |                           | 19 mm                     |

## Tension clamp connection

|  |                           |                             |
|--|---------------------------|-----------------------------|
|  | Connection cross-section: |                             |
|  | Solid                     | 0.5 ... 4.0 mm <sup>2</sup> |
|  | Flexible                  | 0.5 ... 2.5 mm <sup>2</sup> |
|  | Stranded                  | -                           |
|  | Stripping length          | 10 mm                       |

## For 6 x 6 mm busbar

|                  |                           |                             |
|------------------|---------------------------|-----------------------------|
|                  | Connection cross-section: |                             |
|                  | Solid                     | 0.5 ... 6.0 mm <sup>2</sup> |
|                  | Flexible                  | 0.5 ... 4.0 mm <sup>2</sup> |
|                  | Stranded                  | -                           |
|                  | Clamping screw            | M 3                         |
| Stripping length |                           | 16 mm                       |

|                  |                           |                            |
|------------------|---------------------------|----------------------------|
|                  | Connection cross-section: |                            |
|                  | Solid                     | 2.5 ... 16 mm <sup>2</sup> |
|                  | Flexible                  | 2.5 ... 16 mm <sup>2</sup> |
|                  | Stranded                  | 16 ... 25 mm <sup>2</sup>  |
|                  | Clamping screw            | M 4                        |
| Stripping length |                           | 12 mm                      |

## ZB / ZBE / ZF

| Type         | Colour       | Dimensions [mm] |       |      |      | Qty. | Order No.  |
|--------------|--------------|-----------------|-------|------|------|------|------------|
|              |              | a2              | Width | d    | h2   |      |            |
| ZB 4 G GN/GE | green/yellow | 27.0            | 7.6   | 19.7 | 15.5 | 50   | 0322160000 |
| ZB 4 G BL    | blue         | 27.0            | 7.6   | 19.7 | 15.5 | 50   | 0322180000 |
| ZB 4 G SW    | black        | 27.0            | 7.6   | 19.7 | 15.5 | 50   | 0322110000 |
| ZB 4K GN/GE  | green/yellow | 18.5            | 6.0   | 19.0 | 13.0 | 50   | 0475360000 |
| ZB 4K BL     | blue         | 18.5            | 6.0   | 19.0 | 13.0 | 50   | 0475380000 |

|              |              |      |     |      |      |    |            |
|--------------|--------------|------|-----|------|------|----|------------|
| ZBE 6K GN/GE | green/yellow | 27.0 | 8.0 | 22.5 | 23.0 | 50 | 0525960000 |
| ZBE 6K BL    | blue         | 27.0 | 8.0 | 22.5 | 23.0 | 50 | 0525980000 |
| ZBE 6K SW    | black        | 27.0 | 8.0 | 22.5 | 23.0 | 50 | 0525910000 |

|              |              |      |      |      |      |    |            |
|--------------|--------------|------|------|------|------|----|------------|
| ZB 16K GN/GE | green/yellow | 24.0 | 10.0 | 19.2 | 20.0 | 50 | 0502860000 |
| ZB 16K BL    | blue         | 24.0 | 10.0 | 19.2 | 20.0 | 50 | 0502880000 |

|              |              |      |      |      |      |    |            |
|--------------|--------------|------|------|------|------|----|------------|
| ZB 35K GN/GE | green/yellow | 25.0 | 14.4 | 32.0 | 20.5 | 20 | 0502660000 |
| ZB 35K BL    | blue         | 25.0 | 14.4 | 32.0 | 20.5 | 20 | 0502680000 |
| ZB 35K SW    | black        | 25.0 | 14.4 | 32.0 | 20.5 | 20 | 0502610000 |

|              |              |      |     |      |   |    |            |
|--------------|--------------|------|-----|------|---|----|------------|
| ZF 4 S       | beige        | 22.0 | 6.1 | 24.5 | - | 50 | 1814680000 |
| ZF 4 S BL    | blue         | 22.0 | 6.1 | 24.5 | - | 50 | 1814660000 |
| ZF 4 S GN/GE | green/yellow | 22.0 | 6.1 | 24.5 | - | 50 | 1814670000 |

|               |              |      |     |      |      |    |            |
|---------------|--------------|------|-----|------|------|----|------------|
| ZB 4/6K GN/GE | green/yellow | 21.2 | 6.0 | 25.0 | 14.0 | 50 | 0565460000 |
| ZB 4/6K BL    | blue         | 21.2 | 6.0 | 25.0 | 14.0 | 50 | 0565480000 |

## ZB

| Type          | Colour       | Dimensions [mm] |     |      |      | Qty. | Order No.  |
|---------------|--------------|-----------------|-----|------|------|------|------------|
|               |              | a2              | b   | d    | h2   |      |            |
| ZB 4/6K GN/GE | green/yellow | 21.2            | 6.0 | 25.0 | 14.0 | 50   | 0565460000 |
| ZB 4/6K BL    | blue         | 21.2            | 6.0 | 25.0 | 14.0 | 50   | 0565480000 |

|                |              |      |     |      |      |    |            |
|----------------|--------------|------|-----|------|------|----|------------|
| ZB 16/6K GN/GE | green/yellow | 26.0 | 9.7 | 25.0 | 20.0 | 50 | 0569660000 |
|----------------|--------------|------|-----|------|------|----|------------|

|                |              |      |     |      |      |    |            |
|----------------|--------------|------|-----|------|------|----|------------|
| ZB 16/6K GN/GE | green/yellow | 26.0 | 9.7 | 25.0 | 20.0 | 50 | 0569660000 |
|----------------|--------------|------|-----|------|------|----|------------|

# Terminal rail systems

Active and passive components, as well as intelligent modules, are mounted on terminal rails. This method has proved highly effective for decades. However, it is only after the use of certain consumables – which are frequently not taken into consideration – that electrical installation is finally completed. In this chapter, you will find a range of terminal rails and profile rails for component installation, together with end brackets for holding and isolating the components. These guarantee firm installation and isolation. Weidmüller supplies components which show perfect functional compatibility.

Terminal rails are made of either steel, stainless steel, aluminium, copper or plastic, depending on the area of application.

F

They can also be used as a protective conductor busbar. Weidmüller PE / earth terminals in the W-Series, Z-Series, I-Series, SAK- and AKZ-Series comply with requirements stipulated in IEC 60 947-7-2. According to VDE 0100 part 540, for conductors with cross-sectional areas exceeding 10 mm<sup>2</sup>, both protective and neutral conductors may be grouped together as a single category of conductors designated PEN.

If a terminal rail is used as a PEN busbar, the following criteria must be observed:

- Only E-Cu or aluminium profiles are allowed
- Short-circuit currents and thermal rated currents must be taken into account
- The terminal rails are to be insulated as a contribution to protective insulation

## Stainless steel

Stainless steel is a collective noun for all kinds of steel (alloys) which are smelted in a special process and have a high degree of purity. Stainless steel has a much-enhanced resistance to corrosion. Weidmüller's stainless steel terminal rails have the following composition: X5 CrNi 18-10 stainless steel (i.e. ~18 % chromium, ~10 % nickel).

## Aluminium

Aluminium is second only to copper in its electrical conductivity. One advantage is its light weight. Aluminium oxidises quickly in air; thus passivated, it offers excellent corrosion protection.

## Copper

Copper, a heavy metal, has the best electrical conductivity of all metals used. As it is a soft metal, Weidmüller's terminal rails are 2.3 mm thick.

## Plastic

The plastic terminal rail scores on two counts: firstly, its insulating properties, and secondly, its low weight. This leads to its use in special applications where, for example, clearance and creepage distances with respect to the mounting plate cannot be achieved with the standard terminal rails.

## Steel

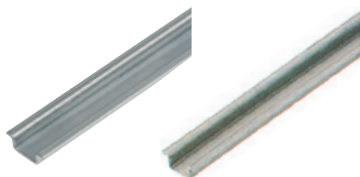
The steel rail is the most widely used DIN rail on the market. Among metal DIN rails, it has the lowest short-circuit resistance, similar to stainless steel.



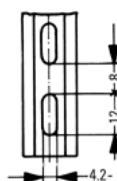
## TS15 terminal rail



## Unperforated



## With slotted hole



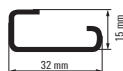
## TS 15 x 5

| Aluminium                                                                   | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|-----------------------------------------------------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 15x5 2M/AL/BK<br>max. permissible rated current for PEN function = 76 A) | 16 mm <sup>2</sup>                              | 1 mm               | 2 m    | 10 m | 0134700000 |
| <b>Steel, galvanised and passivated</b>                                     |                                                 |                    |        |      |            |
| TS 15x5 2M/ST/ZN                                                            | 10 mm <sup>2</sup>                              | 1 mm               | 2 m    | 2 m  | 0514200000 |

**Steel, galvanised and passivated**

|                     |                    |      |     |      |            |
|---------------------|--------------------|------|-----|------|------------|
| TS 15x5/LL 2M/ST/ZN | 10 mm <sup>2</sup> | 1 mm | 2 m | 2 m  | 0117500000 |
| TS 15x5/LL 1M/ST/ZN | 10 mm <sup>2</sup> | 1 mm | 1 m | 10 m | 0117510000 |

## TS 32 terminal rail



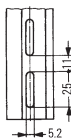
## Unperforated



## TS 32 x 15

| Aluminium                                                                      | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|--------------------------------------------------------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 32X15 2M/AL/BK<br>(max. permissible rated current for PEN function = 192 A) | 70 mm <sup>2</sup>                              | 1.5 mm             | 2 m    | 2 m  | 0169300000 |
| <b>Steel, galvanised and passivated</b>                                        |                                                 |                    |        |      |            |
| TS 32X15 2M/ST/ZN                                                              | 35 mm <sup>2</sup>                              | 1.5 mm             | 2 m    | 2 m  | 0122800000 |
| <b>Stainless steel</b>                                                         |                                                 |                    |        |      |            |
| TS 32X15 2M/CRN                                                                | 35 mm <sup>2</sup>                              | 1.5 mm             | 2 m    | 2 m  | 0293220000 |

## With slotted hole

**Steel, galvanised and passivated**

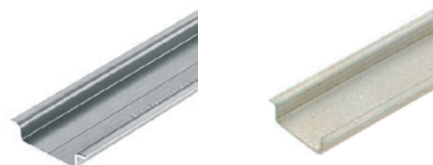
| Steel, galvanised and passivated | Short-circuit strength<br>corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|----------------------------------------------------|--------------------|--------|------|------------|
| TS 32X15/LL 2M/ST/ZN             | 35 mm²                                             | 1.5 mm             | 2 m    | 2 m  | 0514400000 |

## Terminal rails

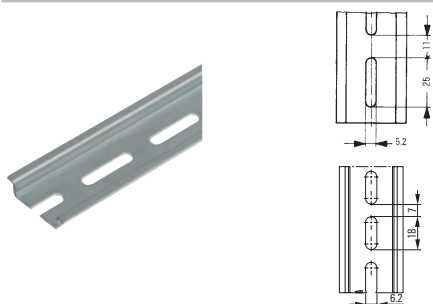
## TS 35 x 7.5 terminal rail



## Unperforated



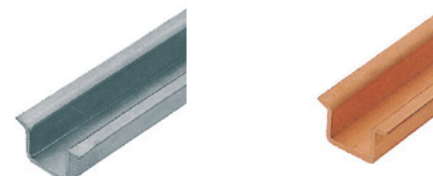
## With slotted hole



## TS 35 x 15 terminal rail



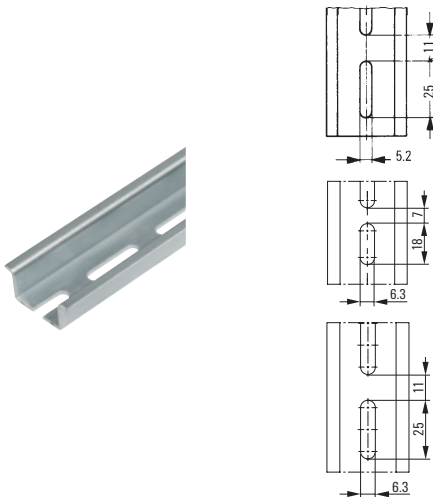
## Unperforated



## Unperforated



## With slotted hole



## TS 35 x 7.5

| Aluminium                                                                       | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|---------------------------------------------------------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 35X7.5 2M/AL/BK<br>(max. permissible rated current for PEN function = 125 A) | 35 mm <sup>2</sup>                              | 1 mm               | 2 m    | 2 m  | 0330800000 |
| <b>Steel, galvanised and passivated</b>                                         |                                                 |                    |        |      |            |
| TS 35X7.5 2M/ST/ZN                                                              | 16 mm <sup>2</sup>                              | 1 mm               | 2 m    | 2 m  | 0383400000 |
| TS 35X7.5 1M/ST/ZN                                                              | 16 mm <sup>2</sup>                              | 1 mm               | 1 m    | 10 m | 0383410000 |
| <b>Stainless steel</b>                                                          |                                                 |                    |        |      |            |
| TS 35X7.5 2M/CRN                                                                | 16 mm <sup>2</sup>                              | 1 mm               | 2 m    | 2 m  | 1747350000 |

| Steel, galvanised and passivated | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 35X7.5/LL 2M/ST/ZN            | 16 mm <sup>2</sup>                              | 1 mm               | 2 m    | 2 m  | 0514500000 |
| TS 35X7.5/LL 1M/ST/ZN            | 16 mm <sup>2</sup>                              | 1 mm               | 1 m    | 10 m | 0514510000 |

|                         |                    |      |     |     |            |
|-------------------------|--------------------|------|-----|-----|------------|
| TS 35X7.5/LL/6 2M/ST/ZN | 16 mm <sup>2</sup> | 1 mm | 2 m | 2 m | 0514570000 |
|-------------------------|--------------------|------|-----|-----|------------|

## TS 35 x 15

| Copper                                                                             | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|------------------------------------------------------------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 35X15/2.3 2M/CU/BK<br>(max. permissible rated current for PEN function = 309 A) | 150 mm <sup>2</sup>                             | 2.3 mm             | 2 m    | 2 m  | 0270100000 |
| <b>Steel, galvanised and passivated</b>                                            |                                                 |                    |        |      |            |
| TS 35X15/2.3 2M/ST/ZN                                                              | 50 mm <sup>2</sup>                              | 2.3 mm             | 2 m    | 2 m  | 0498000000 |

| Aluminium                                                                          | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|------------------------------------------------------------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 35X15/2.3 2M/AL/BK<br>(max. permissible rated current for PEN function = 192 A) | 70 mm <sup>2</sup>                              | 2.3 mm             | 2 m    | 2 m  | 1848290000 |

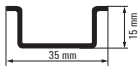
| Steel, galvanised and passivated | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 35X15 2M/ST/ZN                | 25 mm <sup>2</sup>                              | 1.5 mm             | 2 m    | 2 m  | 0236400000 |

| Steel, galvanised and passivated | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No.  |
|----------------------------------|-------------------------------------------------|--------------------|--------|------|------------|
| TS 35X15/LL 2M/ST/ZN             | 25 mm <sup>2</sup>                              | 1.5 mm             | 2 m    | 2 m  | 0236500000 |
| TS 35X15/LL 1M/ST/ZN             | 25 mm <sup>2</sup>                              | 1.5 mm             | 1 m    | 10 m | 0236510000 |

|                           |                    |        |     |     |            |
|---------------------------|--------------------|--------|-----|-----|------------|
| TS 35X15/LL/6x18 2M/ST/ZN | 25 mm <sup>2</sup> | 1.5 mm | 2 m | 2 m | 1805980000 |
|---------------------------|--------------------|--------|-----|-----|------------|

|                           |                    |        |     |     |            |
|---------------------------|--------------------|--------|-----|-----|------------|
| TS 35X15/LL/6x25 2M/ST/ZN | 25 mm <sup>2</sup> | 1.5 mm | 2 m | 2 m | 1866290000 |
|---------------------------|--------------------|--------|-----|-----|------------|

TS 35 x 15 terminal rail



TSK 35 x 15

| Plastic PVC RAL 7035 | Length | Qty. | Order No.  |
|----------------------|--------|------|------------|
| TSK 35X15 2M PVC/GR  | 2 m    | 2 m  | 0514300000 |

TS 35 end caps

NEW



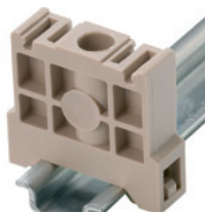
| End cap TS 35 x 7.5 | Qty. | Order No.  |
|---------------------|------|------------|
| TS END CAP 35X7.5   | 100  | 1283470000 |
| End cap TS 35 x 15  |      |            |
| TS END CAP 35X15    | 100  | 1283480000 |

## End brackets

## For TS 15 terminal rail



EW 15



EW 15/2



ZEW 15

| Polyamide 66, screw-in | Colour | Torque | Qty. | Order No.  |
|------------------------|--------|--------|------|------------|
| EW 15                  | beige  | 0.4 Nm | 50   | 0382860000 |

| Polyamide with fibreglass, screw-in | Colour     | Torque | Qty. | Order No.  |
|-------------------------------------|------------|--------|------|------------|
| EW 15/2                             | dark beige | 0.4 Nm | 50   | 1071900000 |

| Polyamide 66, screwless | Colour | Torque | Qty. | Order No.  |
|-------------------------|--------|--------|------|------------|
| ZEW 15                  | beige  |        | 20   | 7920340000 |

## For TS 32 terminal rail



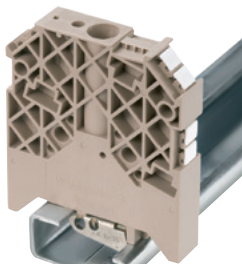
EWK 1



EWK 2



MEW 1/32



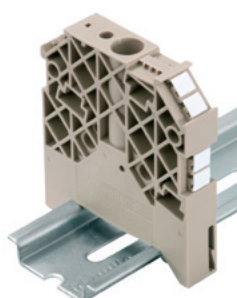
WEW 32/1

| Polyamide 66, screw-in | Colour | Torque | Qty. | Order No.  |
|------------------------|--------|--------|------|------------|
| EWK 2                  | beige  | 1.2 Nm | 50   | 0199360000 |
| EWK 1                  | beige  | 1.2 Nm | 50   | 0206160000 |

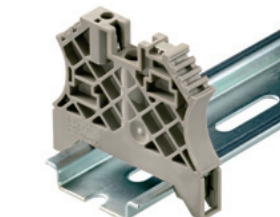
| Polyamide with fibreglass, screw-in | Colour     | Torque | Qty. | Order No.  |
|-------------------------------------|------------|--------|------|------------|
| WEW 32/1                            | dark beige | 0.5 Nm | 50   | 1067600000 |

| Metal, screw-in | Colour | Torque | Qty. | Order No.  |
|-----------------|--------|--------|------|------------|
| MEW 1/32        | silver | 2 Nm   | 20   | 0445600000 |

## For TS 35 terminal rail



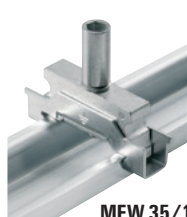
WEW 35/1



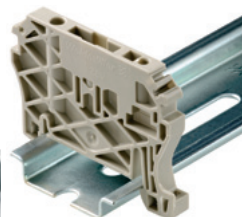
WEW 35/2



EW 35



MEW 35/1



ZEW 35/2

| Polyamide with fibreglass, screw-in | Colour     | Torque | Qty. | Order No.  |
|-------------------------------------|------------|--------|------|------------|
| WEW 35/1                            | dark beige | 1.2 Nm | 50   | 1059000000 |
| WEW 35/2                            | dark beige | 0.5 Nm | 100  | 1061200000 |
| WEW 35/1 GR                         | grey       | 1.2 Nm | 50   | 1227890000 |
| WEW 35/1 SW                         | black      | 1.2 Nm | 50   | 1162600000 |
| WEW 35/2 GR                         | grey       | 0.5 Nm | 100  | 1859200000 |
| WEW 35/3 SW                         | black      | 0.5 Nm | 100  | 1061210000 |

| Polyamide 66, screwless | Colour | Torque | Qty. | Order No.  |
|-------------------------|--------|--------|------|------------|
| ZEW (6 mm)              | beige  |        | 20   | 9540000000 |
| ZEW 35/2 (8 mm)         | beige  |        | 20   | 8630740000 |
| ZEW 35 GR               | grey   |        | 20   | 1238040000 |
| ZEW 35/2 GR             | grey   |        | 20   | 1227850000 |
| ZEW 35/2 SW             | black  |        | 20   | 1162610000 |

| Polyamide 66, screw-in | Colour     | Torque | Qty. | Order No.  |
|------------------------|------------|--------|------|------------|
| EW 35                  | beige      | 0.5 Nm | 50   | 0383560000 |
| EW 35 GR               | grey       | 0.5 Nm | 50   | 0383530000 |
| EW 35 DB (V0)          | dark beige |        | 50   | 1269050000 |
|                        | silver     | 5.5 Nm | 10   | 1805610000 |

| Metal, screwable | Colour | Torque | Qty. | Order No.  |
|------------------|--------|--------|------|------------|
| MEW 35/1         | silver | 5.5 Nm | 10   | 1805610000 |

## Terminal rail supports



TSTW 5/M5



TSTW 5/M5 galvanised



TSTW 6/M6



TST

|                      | Thread | Qty. | Order No.  |
|----------------------|--------|------|------------|
| TSTW 5/M5            | M5     | 10   | 0178100000 |
| TSTW 5/M5 galvanised | M5     | 10   | 1779100000 |
| TSTW 6/M6            | M6     | 10   | 0164000000 |

Terminal rail supports of type **TSTW** are used for angled fixing of terminal rails at an angle of 35°.

|          |    |    |            |
|----------|----|----|------------|
| TST 2/M5 | M5 | 10 | 1286600000 |
| TST 2/M6 | M6 | 10 | 0101700000 |

The **TST** terminal rail support is used for assembly of terminal rails in a frame or over a cut-out

## Fixing screws

|               |    |            |
|---------------|----|------------|
| FKSC M5x8 Ø9  | 50 | 0295900000 |
| FKSC M6x8 Ø9  | 50 | 0642600000 |
| FKSC M6x12 Ø9 | 50 | 0353500000 |

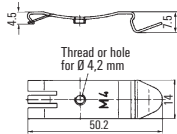
Weidmüller supplies fixing screws with hexagonal sockets and a very low head for the terminal rail supports so that the terminals can also be fitted over the screw.



Mounting feet



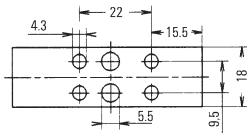
FM 4



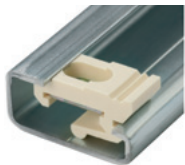
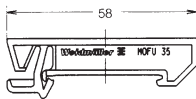
FM 5, FM 6 and FM 4.2: similar to illustrations



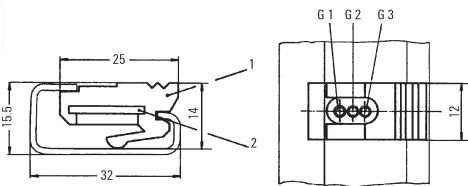
MOFU 35/L0/1



MOFU 35



MB



| Clip-on foot, steel for TS 35 | Thread        | Qty. | Order No.  |
|-------------------------------|---------------|------|------------|
| FM 4                          | M4            | 40   | 0687900000 |
| FM 5                          | M5            | 40   | 0636800000 |
| FM 6                          | M6            | 40   | 0636900000 |
| FM 4.2                        | Hole ø 4.2 mm | 40   | 1724580000 |

| Mounting foot, PA orange for TS 35 |            |    |            |
|------------------------------------|------------|----|------------|
| MOFU 35/L0/1                       | with holes | 20 | 0646260000 |
| MOFU 35                            |            | 20 | 0495660000 |
| MOFU 35/L0/1                       | black      | 20 | 0646210000 |

| Sliding nut for TS 32 |           | Colour |    |
|-----------------------|-----------|--------|----|
| MB M3/M5              | M3 and M5 | creme  | 20 |
| MB M5/M3              | M5 and M3 | black  | 20 |
| MB M6/M4              | M6 and M4 | grey   | 20 |

The sliding nut for the RS 32 terminal rail has two threaded holes for screws M3 + M5 / M6 + M4 / M5 + M3.

It is used to fasten components which cannot be slotted directly onto the TS 32, in particular the smaller TS 15 top hat rail.

This enables, for example, mini-terminals to be snapped onto the TS 15 first, and this rail is then fastened together with the terminals to the TS 32 using the sliding nut.

Several German safety regulations, e.g. VBG 4 and VDE 0106 part 100, call for the active parts of electrical equipment to be protected against direct contact.

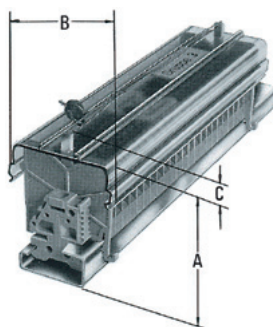
For this purpose, Weidmüller can supply cover strips and associated retaining plates which can be used for the common sizes of terminal. Retaining plates are fitted at the ends of a terminal strip but can also be inserted between terminals. They are suitable for mounting on TS 32, TS 35 or TS 15 terminal rails.

Spacing of retaining plates:

The distance between the retaining plates for the ADP 1, 2 and 3 cover strips should not exceed 300 mm.

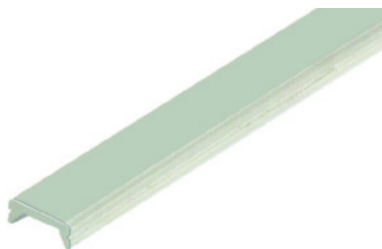
The cover strip is clipped into lugs at the sides, but can also be fixed to spigots on the retaining plates which can be provided with a lead seal.

The cover strips are transparent so that terminals with accessories and markings can be identified at any time. Additional markings, e.g. groups, can be attached to the cover strips.



## ADP

### Cover strips



Material: unplasticised PVC  
Supplied in 1 m lengths  
Temperature limit: max. 70 °C

| transparent<br>Type | Order No.  |
|---------------------|------------|
| ADP 1               | 0485200000 |
| ADP 2               | 0485300000 |
| ADP 3               | 0485400000 |
| ADP 4<br>(1000 mm)  | 1430760000 |
| ADP 4<br>(300 mm)   | 1378160000 |
| TSK 31.5            | 0347960000 |

| grey<br>Type       | Order No.  |
|--------------------|------------|
| ADP 4<br>(1000 mm) | 1430760000 |
| ADP 4<br>(300 mm)  | 1378160000 |
| TSK 31.5           | 0347960000 |

## HP

### Retaining plates



Material: PA 66  
Thickness: 2 mm

| For mounting on TS 35 / TS 32, with spigot for lead seal |            |
|----------------------------------------------------------|------------|
| Type                                                     | Order No.  |
| HP 1                                                     | 0485560000 |
| HP 2                                                     | 0485660000 |
| HP 3                                                     | 0485760000 |
| HP 4                                                     | 0485860000 |
| For mounting on TS 15                                    |            |
| Type                                                     | Order No.  |
| HP 7                                                     | 0258260000 |
| HP 8                                                     | 0258360000 |

## Covers

| Overall dimensions                                                     | A              | A           | A          | A          | B    | C |
|------------------------------------------------------------------------|----------------|-------------|------------|------------|------|---|
| for mounting on terminal rails                                         | TS 32          | TS 35 x 7.5 | TS 35 x 15 | TS 15      |      |   |
| ADP 1, HP 1                                                            | 61             | 56          | 63         |            | 49   | 6 |
| ADP 2, HP 2                                                            | 77             | 72          | 79         |            | 62.5 | 6 |
| ADP 3, HP 3                                                            | 94             | 89          | 86         |            | 92   | 6 |
| ADP 3, HP 4                                                            | 73.5           | 68.5        | 75.5       |            | 92   | 6 |
| ADP 1, HP 8                                                            |                |             |            | 45         | 49   | 6 |
| TSK 31.5, HP 7                                                         |                |             |            | 35         | 31   | 6 |
| Marking materials                                                      | Type           | Qty.        |            | Order No.  |      |   |
| Card with warning "lightning flash", self adhesive<br>20 pcs. per card | BEZ.-KARTE ADP | 10          |            | 0566700000 |      |   |

# Terminal markers

Weidmüller's multitude of different terminal markers enable users to solve virtually every labelling task for all types of wire and cable connectors. Whether multi-character labelling, ready-to-use markers with standard printing or individual, custom markers, whether white or coloured or group designations at terminals, the comprehensive range of Weidmüller products solves every marking task simply, quickly and clearly.

The tables on the following pages show which markers fit the various terminal series. The terminal pitch governs the selection of a marker. For example, a WDU 2.5 terminal has a pitch of 5 mm, the WS 12/5 marker is 12 mm long and suitable for a 5 mm pitch.

Whole blocks of terminals can be marked as a strip using the Weidmüller system. When a terminal with a larger pitch has to be marked (e.g. WDU 16), a smaller marker (e.g. WS 12/5) can be clipped onto it. Most of the markers are compatible with each other.

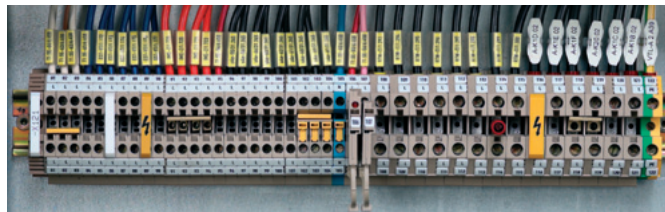
The two traditional marker series, DEK and WS, are available as ready-to-use markers. And these markers are also available in the MultiCard format for printing by users themselves.

MultiCards can be printed on with the innovative PrintJet, Smark Laser, Plotter MCP Plus or MC-Mobilo printing systems, using M-Print PRO® software.

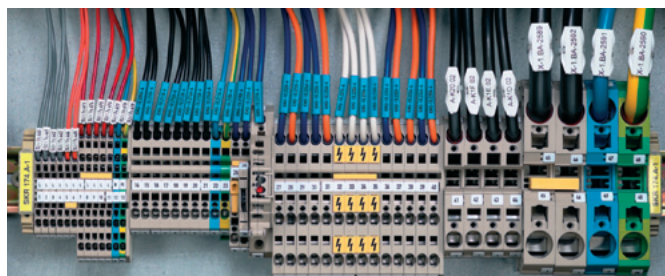
To see a small selection of the Weidmüller markers, order our bag of samples, order No. **1646670000**.

Owing to the sheer number of possible applications and environmental influences such as moisture, radiation, gases or heat/cold to which the products can be exposed, Weidmüller accepts no liability for the suitability of products in all customer applications. Suitability tests for specific applications must therefore be carried out by the customer. However, Weidmüller will be happy to provide help and advice upon request.

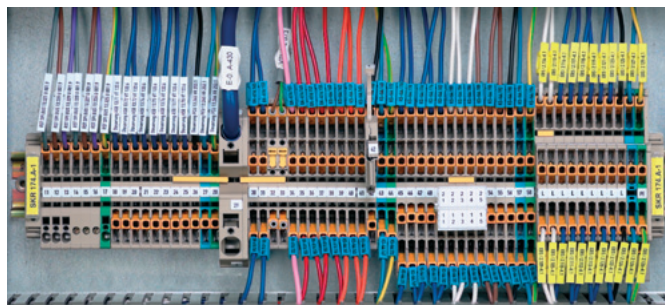
## W series



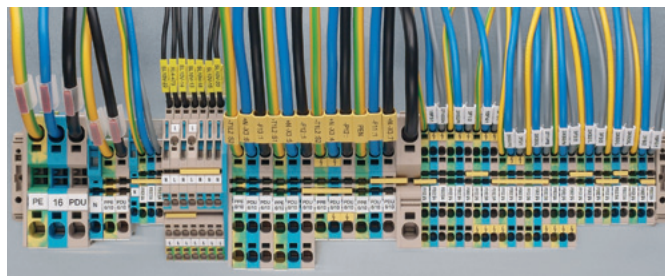
## Z series



## I series



## P series



Due to the different identification systems available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components (markers – transparent sleeves – ink/toner/colour ink ribbons – printing systems) are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.

## Selection table

| Designation        | Terminal width | DEK | WS                 | ZS   | SchT 7 | SchT 9/4        | SchT 14/6 | WTS 3/4 | WGB 5/<br>WAD 5 | WGB 8/<br>WAD 8 | WAD 12 | WAD 27 | ZGB 15/<br>ZGB 30 | BZT 1 | BZT 2 | EM 8/30 | Other |
|--------------------|----------------|-----|--------------------|------|--------|-----------------|-----------|---------|-----------------|-----------------|--------|--------|-------------------|-------|-------|---------|-------|
| ADK 1              | 6              | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKA 4              | 6              | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKE 2.5/AKZ 2.5... | 5              | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKE 2.5            | 5.1            | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKE 4              | 7              | 6.5 | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKZ 1.5...         | 5              | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKZ 1.5-2.5        | 5.1            | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKZ 4              | 6.1            | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AKZ 4.../AKB 4...  | 6              | 6   | 8/5                | -    | -      | x               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AL 1               | 6.5            | 6.5 | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| ASK 1              | 8              | 8   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AST 1-4/35         | 6.2            | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| AST 5/35           | 6.5            | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| BZT ZVL 1.5        | 5.08           | 5   | 12/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| DK 4...            | 6              | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| DKT 4...           | 6              | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| DIA 2.5...         | 6              | 6   | 8/5                | -    | x      | x               | x         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| DLD 2.5...         | 6              | 6   | 8/5                | -    | x      | x               | x         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| DLI 2.5            | 6              | 6   | 8/5                | -    | x      | x               | x         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EK 10              | 10             | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EK 16              | 12             | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EK 2.5...          | 6              | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EK 35...           | 16             | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EK 4...            | 6.5            | 6.5 | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EK 6/35            | 8              | 8   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EW 15              | 9.5            | 5   | 12/5               | -    | x      | x               | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EW 15/2            | 8              | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EW 35              | 8.5            | 5   | 8/5                | -    | -      | -               | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EWK                | 8.5            | 5   | 8/5                | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EWK 1              | 8.5            | 5   | 8/5                | -    | -      | -               | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| EWK 2              | 8.5            | 5   | 8/5                | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| IAK 1.5N 3L        | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| IDK 1.5N           | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | x <sup>3)</sup> | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| IDK 1.5N/V         | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| IDU 1.5 N ...      | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| IEK 1.5N...        | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| IIK 1.5N...        | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| IPE 1.5N...        | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| ITR 1.5N...        | 5              | 5   | 10/5 <sup>2)</sup> | 10/5 | -      | -               | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| KDKS 1...          | 8              | 8   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| KMVF...            | 6              | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| KSKM...            | 13             | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| KST...             | 24-34          | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| MAK 2.5/VLI 1.5... | 6              | 6   | 8/5                | -    | x      | x               | x         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -     |
| NT...              | 6-12           | 6   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PDK 2.5/4          | 5              | 5   | 12/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PDL 4...           | 5              | 5   | 12/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PDU 16             | 12             | -   | 10/12              | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PDU 2.5/4...       | 5              | 5   | 12/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PDU 6/10...        | 8              | 8   | 10/8               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PEI 16             | 12             | -   | 10/12              | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PNT 16             | 12             | -   | 10/12              | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PNT 2.5/4          | 5              | 5   | 12/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PNT 6/10           | 8              | 8   | 10/8               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PPE 16             | 12             | -   | 10/12              | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PPE 2.5/4          | 5              | 5   | 12/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PPE 6/10           | 8              | 8   | 10/8               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| PTR 2.5/4...       | 5.1            | 5/5 | 10/5               | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| RSF 1-3...         | 8              | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 10...          | 10             | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 16...          | 12             | 5   | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 2.5            | 6.1            | 6   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 2.5/35         | 5              | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 35...          | 18             | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 4...           | 6.5            | 6.5 | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 6...           | 8              | 8   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAK 95/35          | 28             | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKA 10            | 12             | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKB 10            | 10             | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKC 10/35         | 12             | 6.5 | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKC 4/35          | 6.5            | 6.5 | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKD 2.5N          | 5              | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKG...            | 32-54          | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKH 35            | 18             | 6.5 | -                  | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKH 4-10          | 6.5-14         | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKK 10..          | 11.5           | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKK 4..           | 8              | 6.5 | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKR...            | 6.5            | 6.5 | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKS...            | 13-28          | 5   | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| SAKT...            | 8              | 6.5 | -                  | -    | x      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| VWGK 4...          | 10             | 5/5 | 12/6.5             | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |
| VWGK 6...          | 10             | 5/5 | 12/6.5             | -    | -      | -               | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -     |

1) = WS 10/6 Middle; 2) = WS 10/5 Middle; 3) = SnapMark

## Terminal markers – Selection table

| Designation          | Terminal width | DEK | WS     | ZS | SchT 7 | SchT 9/4 | SchT 14/6 | WTS 3/4 | WGB 5/<br>WAD 5 | WGB 8/<br>WAD 8 | WAD 12 | WAD 27 | ZGB 15/<br>ZGB 30 | BZT 1 | BZT 2 | EW 8/30 | Other                |
|----------------------|----------------|-----|--------|----|--------|----------|-----------|---------|-----------------|-----------------|--------|--------|-------------------|-------|-------|---------|----------------------|
| WDK 1.5/R 3.5...     | 3.5            | 3.5 | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDK 2.5 ...          | 5              | 5   | 8/5    | -  | -      | x        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDK 2.5 800V         | 6              | 6   | 8/5    | -  | -      | x        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDK 2.5/BLA R5.08    | 5.08           | 5   | 8/5    | -  | -      | -        | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDK 2.5/BLZ R5.08    | 5.08           | 5   | 8/5    | -  | -      | -        | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDK 2.5N...          | 5              | 5   | 8/5    | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDK 4N...            | 5              | 5   | 8/5    | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDL 2.5/...          | 6              | 6   | 8/5    | -  | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDT 1.5              | 6.5            | 6.5 | 8/5    | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDTR 2.5...          | 6.2            | 6   | 8/5    | -  | -      | x        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDU (WPE) 120/150    | 32             | 5   | 10/5   | -  | -      | -        | -         | x       | -               | -               | -      | x      | -                 | -     | -     | -       | -                    |
| WDU (WPE) 35 N       | 16             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU (WPE) 70/95      | 27             | 5   | 12/5   | -  | -      | -        | -         | x       | -               | -               | -      | x      | -                 | -     | -     | -       | -                    |
| WDU (WPE) 70N        | 20.5           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 1.5 LD/BLA       | 5.08           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 1.5/BLA          | 5.08           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 1.5/BLZ R7.62    | 7.62           | 5   | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 1.5/BLZ/LD/5.08  | 5.08           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 1.5/R 3.5...     | 3.5            | 3.5 | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDU 1.5/R/BLA        | 5.08           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 1.5/ZZ           | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 10 SL            | 10             | 5   | 12/5   | -  | x      | x        | x         | x       | x               | x               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 10...            | 10             | 5   | 12/5   | -  | x      | x        | x         | x       | x               | x               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 16 (/ZA)         | 12             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | x      | -      | x                 | -     | -     | -       | -                    |
| WDU 16 N             | 12             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 2.5 F            | 5              | 5   | 12/5   | -  | -      | -        | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDU 2.5 FF           | 5              | 5   | 12/5   | -  | x      | -        | -         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDU 2.5 N (WDU 1.5)  | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 2.5 TC...        | 5              | 5   | 12/5   | -  | x      | x        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 2.5...           | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | x               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 2.5/1.5/ZZ       | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 2.5/BLZ R7.62    | 7.62           | 5   | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 240...           | 36             | 5   | 12/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDU 35               | 16             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | x      | -      | x                 | -     | -     | -       | -                    |
| WDU 4...             | 6              | 6   | 12/6   | -  | x      | x        | x         | x       | x               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 4N ...           | 6              | 6   | 12/6   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 50N              | 18.5           | 5   | 12/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDU 6...             | 8              | 8   | 12/8   | -  | x      | x        | x         | x       | x               | x               | -      | -      | x                 | -     | -     | -       | -                    |
| WDU 95N              | 27             | 8   | 15/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WDUL 4               | 6              | 6   | 12/6   | -  | x      | x        | x         | x       | x               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WEW 32/1             | 12.2           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | x      | x                 | -     | -     | -       | -                    |
| WEW 35/1             | 12.2           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WEW 35/2             | 8              | 8   | 12/5   | -  | x      | x        | x         | x       | x               | x               | -      | -      | -                 | -     | -     | x       | -                    |
| WF 10...             | 35.6           | 6   | 15/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WF 12...             | 35.6           | 6   | 15/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WF 5...              | 13             | 6   | 15/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WF 6...              | 19.6           | 6   | 15/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WF 8...              | 24.6           | 6   | 15/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WFF 120...           | 42             | 5   | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WFF 185...           | 55             | 5   | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WFF 300...           | 55             | 5   | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WFF 35...            | 27             | 5   | 12/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WFF 70...            | 32             | 5   | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WGK 10.../WGKV 10... | 10.1           | 5/5 | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WGK 16...            | 12.1           | 5/5 | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WGK 25.../WGKV 25... | 15.1           | 5/5 | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WGK 4.../WGKV 4...   | 8.1            | 5/8 | 10/8   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WGK 50...            | 18.8           | 6/5 | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WGK 95...            | 25             | 5/8 | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WMA 4...             | 6              | 6   | 12/6   | -  | x      | x        | x         | x       | x               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 10               | 10             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 16 N             | 12             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 2.5              | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 35 N             | 16             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 4                | 6              | 6   | 12/6   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 6                | 8              | 8   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WNT 70 N             | 20.5           | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPDB...              |                | -   | -      | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | LM MT3000<br>15x9 GE |
| WPE 1.5/R3.5         | 3.5            | 3.5 | 12/3.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WPE 1.5/ZZ           | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 10...            | 10             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 120              | 32             | 8   | 12/6.5 | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WPE 16               | 12             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 16 N             | 12             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 2.5 N (WPE 1.5)  | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 2.5...           | 5              | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 2.5/1.5/ZR       | 5              | 5   | 12/5   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |
| WPE 35...            | 16             | 5   | 12/5   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 4                | 6              | 6   | 12/6   | -  | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -                    |
| WPE 4N               | 6              | 6   | 12/6   | -  | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -                    |

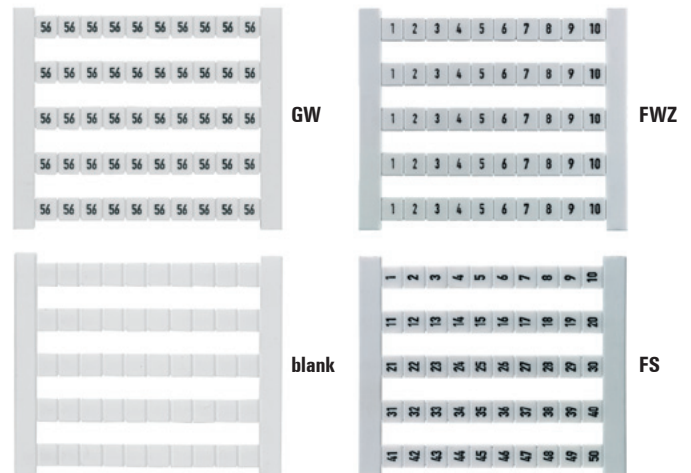
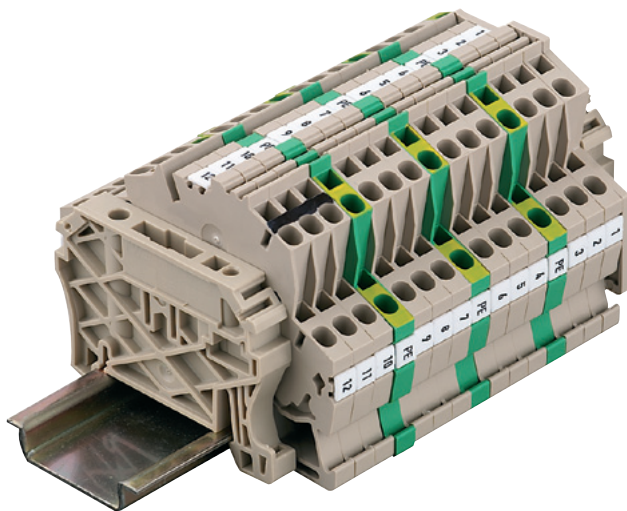
| Designation           | Terminal width | DEK | WS     | ZS   | SchT 7 | SchT 9/4 | SchT 14/6 | WTS 3/4 | WGB 5/<br>WAD 5 | WGB 8/<br>WAD 8 | WAD 12 | WAD 27 | ZGB 15/<br>ZGB 30 | BZT 1 | BZT 2 | EW 8/30 | Other    |
|-----------------------|----------------|-----|--------|------|--------|----------|-----------|---------|-----------------|-----------------|--------|--------|-------------------|-------|-------|---------|----------|
| WPE 50N               | 18.5           | 8   | 12/6.5 | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| WPE 6                 | 8              | 8   | 12/5   | -    | x      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WPE 95N/120N          | 27             | 8   | 15/5   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| WPO 4                 | 6              | 6   | 10/6   | -    | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WSI 25...             | 18             | -   | -      | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | ESG 6/15 |
| WSI 6...              | 8              | 8   | 12/5   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WSI 6/2...            | 12             | 8   | 12/6.5 | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| WTD 6/1               | 8              | 8   | 12/5   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WTL 35                | 16             | -   | 12/6   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| WTL 4 ...             | 6              | 6   | 12/6   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| WTL 6/1...            | 8              | 8   | 12/8   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WTL 6/2               | 8              | 8   | 12/8   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WTL 6/3...            | 8              | 8   | 12/8   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WTQ 6/1               | 8              | 8   | 12/8   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WTR 2.5 ...           | 5              | 5   | 12/5   | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| WTR 35 E              | 32             | -   | 12/6   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| WTR 4...              | 6              | 6   | 12/6   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZAP/TW ZIA 1.5/...    | 3.8            | 3.5 | -      | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDK 1.5...            | 3.5            | 3.5 | 12/3.5 | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDK 2.5...            | 5              | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDK 2.5-2...          | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDK 2.5N...           | 5.1            | 5/5 | 10/5   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | ZAD 9/4  |
| ZDK 4/S/...           | 6              | 6   | -      | 12/6 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDK 6/S/...           | 8              | 8   | -      | -    | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDKPE 2.5             | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDL 2.5/...           | 5              | 5   | -      | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDL 2.5-2...          | 5              | 5   | -      | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDT 2.5 ...           | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDTPE 2.5...          | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDTR 2.5              | 5              | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDU (ZPE) 10          | 10             | 5   | 12/5   | 15/5 | -      | x        | -         | -       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 10/S...     | 10             | 5   | 10/5   | 15/5 | -      | x        | -         | -       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 16...       | 12             | 5   | 12/5   | 15/5 | -      | x        | -         | x       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 16/S...     | 12             | 5   | 10/5   | 15/5 | -      | x        | -         | -       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 2.5 ...     | 5              | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 2.5-2/...   | 5              | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDU (ZPE) 2.5N...     | 5.1            | 5/5 | 10/5   | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | ZAD 9/4  |
| ZDU (ZPE) 35...       | 16             | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 4...        | 6              | 6   | 12/6   | 12/6 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 4-2...      | 6              | 6   | 12/6   | 12/6 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDU (ZPE) 6...        | 8              | 8   | 12/8   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZDU (ZPE) 6-2...      | 8              | 8   | 12/8   | 12/6 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDU 1.5...            | 3.5            | 3.5 | 12/3.5 | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | x     | x     | -       | -        |
| ZDUA (ZPEA) 2.5-2     | 5              | 5   | 8/5    | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZDUA 2.5-2N           | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZDUB (ZPEB) 2.5-2/... | 5              | 5   | 8/5    | 15/5 | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZEI 16                | 16             | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZEI 6                 | 10             | 8   | 12/6   | 12/6 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | x     | x     | -       | -        |
| ZEW 35/2              | 8              | 8   | -      | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | x       | -        |
| ZIA 1.5 ...           | 5.08           | 5   | 8/5    | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZMAK 2.5              | 5              | 5   | 10/5   | 15/5 | -      | -        | -         | -       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZNT 10/S              | 10             | 5   | -      | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZNT 16/S              | 12             | 5   | -      | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZNT 2.5/S             | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZNT 4/S               | 6              | 6   | 10/6   | 12/6 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZNT 6/S               | 8              | 8   | 10/6   | 12/6 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZP 2.5...             | 5.1            | 5/5 | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZPE 16-2/1 AN         | 12             | 8   | 12/6   | 12/6 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZPV 1.5               | 5.08           | 5   | 12/5   | 15/5 | -      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZRV 1.5...            | 5              | 5   | 8/5    | 10/5 | -      | x        | x         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZSI 2.5...            | 8              | 8   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZSI 2.5/2...          | 12             | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZSI 6-2/FC            | 8              | 6   | 12/6   | 12/6 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZT 2.5 ...            | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZTD 6                 | 8              | 8   | 12/6.5 | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZTL 6                 | 8              | 8   | 12/6.5 | -    | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZTPE 2.5 ...          | 5              | 5   | 10/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |
| ZTR 2.5...            | 5              | 5   | 12/5   | 15/5 | -      | -        | -         | x       | -               | -               | -      | -      | x                 | -     | -     | -       | -        |
| ZTR 2.5-2...          | 5              | 5   | 14/5   | 10/5 | -      | -        | -         | -       | -               | -               | -      | -      | -                 | -     | -     | -       | -        |



## DEK card with printing

The Dekafix marker is the universal marker for terminals and plug-in connectors as well as electronic modules from the Weidmüller product range. Dekafix provides you with a wide range of standard printing options. The system is particularly suitable for short sequences of numbers and is also available with customer specific printing.

- In strips for fast installation
- Large selection of ready-to-use printed markers
- Excellent printing quality thanks to the MC Laser
- Available in 4 widths
- Custom printing also possible



### Technical data

|                          |                            |
|--------------------------|----------------------------|
| Material                 | Polyamide 66, halogen-free |
| UL94 flammability rating | V2                         |
| Temperature range        | -40 °C to 100 °C           |
| Printing                 | black                      |

### Ordering data

|                                    |                                                                              |                      |                   |
|------------------------------------|------------------------------------------------------------------------------|----------------------|-------------------|
| Colour                             | Available in all colours of the international colour code; for MC on request |                      |                   |
|                                    | ● brown                                                                      | ● red                | ● orange          |
|                                    | ● yellow                                                                     | ● green              | ● blue            |
|                                    | ● violet                                                                     | ● grey               | ○ white           |
| Qty.                               | 500 pcs                                                                      |                      |                   |
| Pitch                              | DEK 5 = 5 mm : DEK 6 = 6 mm : DEK 6.5 = 6.5 mm : DEK 8 = 8 mm                |                      |                   |
| Printing variations                | FW = consecutive horizontal                                                  | e.g. DEK 5 FW 1-50   |                   |
|                                    | FS = consecutive vertical                                                    | e.g. DEK 5 FS 51-100 |                   |
|                                    | FWZ = consecutive horizontal line                                            | e.g. DEK 5 FWZ 1-10  |                   |
|                                    | FSZ = consecutive vertical line                                              | e.g. DEK 5 FSZ 21-30 |                   |
|                                    | GW = identical horizontal                                                    | e.g. DEK 5 GW A      |                   |
|                                    | GS = identical vertical                                                      | e.g. DEK 5 GS B      |                   |
| <b>No. of characters</b>           | <b>horizontal</b>                                                            | <b>vertical</b>      |                   |
|                                    | Dek 5                                                                        | max. 3 characters    | max. 3 characters |
|                                    | Dek 6                                                                        | max. 3 characters    | max. 3 characters |
|                                    | Dek 6.5                                                                      | max. 4 characters    | max. 3 characters |
|                                    | Dek 8                                                                        | max. 5 characters    | max. 3 characters |
| Specifications for custom printing | Colour and print specifications                                              |                      |                   |

## Versions DEK

| Type/Print           | Order No.  |
|----------------------|------------|
| DEK 5 BL NEUTRAL     | 0473391693 |
| DEK 5 BR NEUTRAL     | 0473391692 |
| DEK 5 FS 1-50        | 0473560001 |
| DEK 5 FS 101-150     | 0473560101 |
| DEK 5 FS 151-200     | 0473560151 |
| DEK 5 FS 201-250     | 0473560201 |
| DEK 5 FS 251-300     | 0473560251 |
| DEK 5 FS 301-350     | 0473560301 |
| DEK 5 FS 351-400     | 0473560351 |
| DEK 5 FS 401-450     | 0473560401 |
| DEK 5 FS 451-500     | 0473560451 |
| DEK 5 FS 501-550     | 0473560501 |
| DEK 5 FS 51-100      | 0473560051 |
| DEK 5 FS 551-600     | 0473560551 |
| DEK 5 FS 601-650     | 0473560601 |
| DEK 5 FS 651-700     | 0473560651 |
| DEK 5 FS 701-750     | 0473560701 |
| DEK 5 FS 751-800     | 0473560751 |
| DEK 5 FS 801-850     | 0473560801 |
| DEK 5 FS 851-900     | 0473560851 |
| DEK 5 FS 901-950     | 0473560901 |
| DEK 5 FS 951-999     | 0473560951 |
| DEK 5 FSZ 1-10       | 0460660001 |
| DEK 5 FSZ 11-20      | 0460660011 |
| DEK 5 FSZ 21-30      | 0460660021 |
| DEK 5 FSZ 31-40      | 0460660031 |
| DEK 5 FSZ 41-50      | 0460660041 |
| DEK 5 FSZ 51-60      | 0460660051 |
| DEK 5 FSZ 61-70      | 0460660061 |
| DEK 5 FSZ 71-80      | 0460660071 |
| DEK 5 FSZ 81-90      | 0460660081 |
| DEK 5 FSZ 91-100     | 0460660091 |
| DEK 5 FW 1,3,5,...99 | 1358460000 |
| DEK 5 FW 1-50        | 0473460001 |
| DEK 5 FW 10-500      | 0132660010 |
| DEK 5 FW 101-150     | 0473460101 |
| DEK 5 FW 151-200     | 0473460151 |
| DEK 5 FW 2,4,...100  | 1358560000 |
| DEK 5 FW 201-250     | 0473460201 |
| DEK 5 FW 251-300     | 0473460251 |
| DEK 5 FW 301-350     | 0473460301 |
| DEK 5 FW 351-400     | 0473460351 |
| DEK 5 FW 401-450     | 0473460401 |
| DEK 5 FW 451-500     | 0473460451 |
| DEK 5 FW 501-550     | 0473460501 |
| DEK 5 FW 51-100      | 0473460051 |
| DEK 5 FW 551-600     | 0473460551 |
| DEK 5 FW 601-650     | 0473460601 |
| DEK 5 FW 651-700     | 0473460651 |
| DEK 5 FW 701-750     | 0473460701 |
| DEK 5 FW 751-800     | 0473460751 |
| DEK 5 FW 801-850     | 0473460801 |
| DEK 5 FW 851-900     | 0473460851 |
| DEK 5 FW 901-950     | 0473460901 |
| DEK 5 FW 951-999     | 0473460951 |
| DEK 5 FW U1-PE1      | 0133161114 |
| DEK 5 FW U2-PE2      | 0133161115 |
| DEK 5 FW U3-PE3      | 0133161116 |
| DEK 5 FW U4-PE4      | 0133161117 |
| DEK 5 FW U5-PE5      | 0133161118 |
| DEK 5 FW U6-PE6      | 0133161119 |
| DEK 5 FW U7-PE7      | 0133161120 |
| DEK 5 FW U8-PE8      | 0133161121 |
| DEK 5 FW U9-PE9      | 0133161122 |
| DEK 5 FW X1-Z1       | 0133261150 |
| DEK 5 FW X10-Z10     | 0133261159 |
| DEK 5 FW X2-Z2       | 0133261151 |
| DEK 5 FW X3-Z3       | 0133261152 |
| DEK 5 FW X4-Z4       | 0133261153 |
| DEK 5 FW X5-Z5       | 0133261154 |
| DEK 5 FW X6-Z6       | 0133261155 |
| DEK 5 FW X7-Z7       | 0133261156 |

| Type/Print           | Order No.  |
|----------------------|------------|
| DEK 5 FW X8-Z8       | 0133261157 |
| DEK 5 FW X9-Z9       | 0133261158 |
| DEK 5 FWZ 1-10       | 0523060001 |
| DEK 5 FWZ 1-19       | 0235860000 |
| DEK 5 FWZ 1-9        | 1572000000 |
| DEK 5 FWZ 11-20      | 0523060011 |
| DEK 5 FWZ 2-20       | 0236160000 |
| DEK 5 FWZ 21-30      | 0523060021 |
| DEK 5 FWZ 21-39      | 0235960000 |
| DEK 5 FWZ 22-40      | 0236260000 |
| DEK 5 FWZ 31-40      | 0523060031 |
| DEK 5 FWZ 41-50      | 0523060041 |
| DEK 5 FWZ 41-59      | 0236060000 |
| DEK 5 FWZ 42-60      | 0236360000 |
| DEK 5 FWZ 51-60      | 0523060051 |
| DEK 5 FWZ 61-70      | 0523060061 |
| DEK 5 FWZ 71-80      | 0523060071 |
| DEK 5 FWZ 81-90      | 0523060081 |
| DEK 5 FWZ 91-100     | 0523060091 |
| DEK 5 FWZ L1-EIK     | 0354361203 |
| DEK 5 FWZ L1-PE      | 0354361187 |
| DEK 5 FWZ U,V,W,N,PE | 0558360000 |
| DEK 5 GE NEUTRAL     | 0473391687 |
| DEK 5 GN NEUTRAL     | 0473391688 |
| DEK 5 GR NEUTRAL     | 0473391691 |
| DEK 5 GS A           | 0132961021 |
| DEK 5 GS B           | 0132961022 |
| DEK 5 GS C           | 0132961023 |
| DEK 5 GS D           | 0132961024 |
| DEK 5 GS E           | 0132961025 |
| DEK 5 GS F           | 0132961026 |
| DEK 5 GS G           | 0132961027 |
| DEK 5 GS H           | 0132961028 |
| DEK 5 GS I           | 0132961029 |
| DEK 5 GS J           | 0132961030 |
| DEK 5 GS K           | 0132961031 |
| DEK 5 GS L           | 0132961032 |
| DEK 5 GS M           | 0132961033 |
| DEK 5 GS N           | 0132961034 |
| DEK 5 GS O           | 0132961035 |
| DEK 5 GS P           | 0132961036 |
| DEK 5 GS PE          | 0157261187 |
| DEK 5 GS Q           | 0132961037 |
| DEK 5 GS R           | 0132961038 |
| DEK 5 GS S           | 0132961039 |
| DEK 5 GS T           | 0132961040 |
| DEK 5 GS U           | 0132961041 |
| DEK 5 GS V           | 0132961042 |
| DEK 5 GS W           | 0132961043 |
| DEK 5 GS X           | 0132961044 |
| DEK 5 GS Y           | 0132961045 |
| DEK 5 GS Z           | 0132961046 |
| DEK 5 GS g           | 0157261202 |
| DEK 5 GS h           | 0157261203 |
| DEK 5 GW             | 0576260000 |
| DEK 5 GW 1           | 0522660001 |
| DEK 5 GW 2           | 0522660002 |
| DEK 5 GW 3           | 0522660003 |
| DEK 5 GW 4           | 0522660004 |
| DEK 5 GW 5           | 0522660005 |
| DEK 5 GW 6           | 0522660006 |
| DEK 5 GW 7           | 0522660007 |
| DEK 5 GW 8           | 0522660008 |
| DEK 5 GW 9           | 0522660009 |
| DEK 5 GW 10          | 0522660010 |
| DEK 5 GW 11          | 0522660011 |
| DEK 5 GW 12          | 0522660012 |
| DEK 5 GW 13          | 0522660013 |
| DEK 5 GW 14          | 0522660014 |
| DEK 5 GW 15          | 0522660015 |
| DEK 5 GW 16          | 0522660016 |
| DEK 5 GW 17          | 0522660017 |

| Type/Print  | Order No.  |
|-------------|------------|
| DEK 5 GW 18 | 0522660018 |
| DEK 5 GW 19 | 0522660019 |
| DEK 5 GW 20 | 0522660020 |
| DEK 5 GW 21 | 0522660021 |
| DEK 5 GW 22 | 0522660022 |
| DEK 5 GW 23 | 0522660023 |
| DEK 5 GW 24 | 0522660024 |
| DEK 5 GW 25 | 0522660025 |
| DEK 5 GW 26 | 0522660026 |
| DEK 5 GW 27 | 0522660027 |
| DEK 5 GW 28 | 0522660028 |
| DEK 5 GW 29 | 0522660029 |
| DEK 5 GW 30 | 0522660030 |
| DEK 5 GW 31 | 0522660031 |
| DEK 5 GW 32 | 0522660032 |
| DEK 5 GW 33 | 0522660033 |
| DEK 5 GW 34 | 0522660034 |
| DEK 5 GW 35 | 0522660035 |
| DEK 5 GW 36 | 0522660036 |
| DEK 5 GW 37 | 0522660037 |
| DEK 5 GW 38 | 0522660038 |
| DEK 5 GW 39 | 0522660039 |
| DEK 5 GW 40 | 0522660040 |
| DEK 5 GW 41 | 0522660041 |
| DEK 5 GW 42 | 0522660042 |
| DEK 5 GW 43 | 0522660043 |
| DEK 5 GW 44 | 0522660044 |
| DEK 5 GW 45 | 0522660045 |
| DEK 5 GW 46 | 0522660046 |
| DEK 5 GW 47 | 0522660047 |
| DEK 5 GW 48 | 0522660048 |
| DEK 5 GW 49 | 0522660049 |
| DEK 5 GW 50 | 0522660050 |
| DEK 5 GW 51 | 0522660051 |
| DEK 5 GW 52 | 0522660052 |
| DEK 5 GW 53 | 0522660053 |
| DEK 5 GW 54 | 0522660054 |
| DEK 5 GW 55 | 0522660055 |
| DEK 5 GW 56 | 0522660056 |
| DEK 5 GW 57 | 0522660057 |
| DEK 5 GW 58 | 0522660058 |
| DEK 5 GW 59 | 0522660059 |
| DEK 5 GW 60 | 0522660060 |
| DEK 5 GW 61 | 0522660061 |
| DEK 5 GW 62 | 0522660062 |
| DEK 5 GW 63 | 0522660063 |
| DEK 5 GW 64 | 0522660064 |
| DEK 5 GW 65 | 0522660065 |
| DEK 5 GW 66 | 0522660066 |
| DEK 5 GW 67 | 0522660067 |
| DEK 5 GW 68 | 0522660068 |
| DEK 5 GW 69 | 0522660069 |
| DEK 5 GW 70 | 0522660070 |
| DEK 5 GW 71 | 0522660071 |
| DEK 5 GW 72 | 0522660072 |
| DEK 5 GW 73 | 0522660073 |
| DEK 5 GW 74 | 0522660074 |
| DEK 5 GW 75 | 0522660075 |
| DEK 5 GW 76 | 0522660076 |
| DEK 5 GW 77 | 0522660077 |
| DEK 5 GW 78 | 0522660078 |
| DEK 5 GW 79 | 0522660079 |
| DEK 5 GW 80 | 0522660080 |
| DEK 5 GW 81 | 0522660081 |
| DEK 5 GW 82 | 0522660082 |
| DEK 5 GW 83 | 0522660083 |
| DEK 5 GW 84 | 0522660084 |
| DEK 5 GW 85 | 0522660085 |
| DEK 5 GW 86 | 0522660086 |
| DEK 5 GW 87 | 0522660087 |
| DEK 5 GW 88 | 0522660088 |
| DEK 5 GW 89 | 0522660089 |

| Type/Print   | Order No.  |
|--------------|------------|
| DEK 5 GW 90  | 0522660090 |
| DEK 5 GW 91  | 0522660091 |
| DEK 5 GW 92  | 0522660092 |
| DEK 5 GW 93  | 0522660093 |
| DEK 5 GW 94  | 0522660094 |
| DEK 5 GW 95  | 0522660095 |
| DEK 5 GW 96  | 0522660096 |
| DEK 5 GW 97  | 0522660097 |
| DEK 5 GW 98  | 0522660098 |
| DEK 5 GW 99  | 0522660099 |
| DEK 5 GW 100 | 0522660100 |
| DEK 5 GW 101 | 0522660101 |
| DEK 5 GW 102 | 0522660102 |
| DEK 5 GW 103 | 0522660103 |
| DEK 5 GW 104 | 0522660104 |
| DEK 5 GW 105 | 0522660105 |
| DEK 5 GW 106 | 0522660106 |
| DEK 5 GW 107 | 0522660107 |
| DEK 5 GW 108 | 0522660108 |
| DEK 5 GW 109 | 0522660109 |
| DEK 5 GW 110 | 0522660110 |
| DEK 5 GW 111 | 0522660111 |
| DEK 5 GW 112 | 0522660112 |
| DEK 5 GW 113 | 0522660113 |
| DEK 5 GW 114 | 0522660114 |
| DEK 5 GW 115 | 0522660115 |
| DEK 5 GW 116 | 0522660116 |
| DEK 5 GW 117 | 0522660117 |
| DEK 5 GW 118 | 0522660118 |
| DEK 5 GW 119 | 0522660119 |
| DEK 5 GW 120 | 0522660120 |
| DEK 5 GW 121 | 0522660121 |
| DEK 5 GW 122 | 0522660122 |
| DEK 5 GW 123 | 0522660123 |
| DEK 5 GW 124 | 0522660124 |
| DEK 5 GW 125 | 0522660125 |
| DEK 5 GW 126 | 0522660126 |
| DEK 5 GW 127 | 0522660127 |
| DEK 5 GW 128 | 0522660128 |
| DEK 5 GW 129 | 0522660129 |
| DEK 5 GW 130 | 0522660130 |
| DEK 5 GW 131 | 0522660131 |
| DEK 5 GW 132 | 0522660132 |
| DEK 5 GW 133 | 0522660133 |
| DEK 5 GW 134 | 0522660134 |
| DEK 5 GW 135 | 0522660135 |
| DEK 5 GW 136 | 0522660136 |
| DEK 5 GW 137 | 0522660137 |
| DEK 5 GW 138 | 0522660138 |
| DEK 5 GW 139 | 0522660139 |
| DEK 5 GW 140 | 0522660140 |
| DEK 5 GW 141 | 0522660141 |
| DEK 5 GW 142 | 0522660142 |
| DEK 5 GW 143 | 0522660143 |
| DEK 5 GW 144 | 0522660144 |
| DEK 5 GW 145 | 0522660145 |
| DEK 5 GW 146 | 0522660146 |
| DEK 5 GW 147 | 0522660147 |
| DEK 5 GW 148 | 0522660148 |
| DEK 5 GW 149 | 0522660149 |
| DEK 5 GW 150 | 0522660150 |
| DEK 5 GW 151 | 0522660151 |
| DEK 5 GW 152 | 0522660152 |
| DEK 5 GW 153 | 0522660153 |
| DEK 5 GW 154 | 0522660154 |
| DEK 5 GW 155 | 0522660155 |
| DEK 5 GW 156 | 0522660156 |
| DEK 5 GW 157 | 0522660157 |
| DEK 5 GW 158 | 0522660158 |
| DEK 5 GW 159 | 0522660159 |
| DEK 5 GW 160 | 0522660160 |
| DEK 5 GW 161 | 0522660161 |



## Terminal markers – DEK standard printing

## Versions DEK

| Type/Print       | Order No.  |
|------------------|------------|
| DEK 5 GW 162     | 0522660162 |
| DEK 5 GW 163     | 0522660163 |
| DEK 5 GW 164     | 0522660164 |
| DEK 5 GW 165     | 0522660165 |
| DEK 5 GW 166     | 0522660166 |
| DEK 5 GW 167     | 0522660167 |
| DEK 5 GW 168     | 0522660168 |
| DEK 5 GW 169     | 0522660169 |
| DEK 5 GW 170     | 0522660170 |
| DEK 5 GW 171     | 0522660171 |
| DEK 5 GW 172     | 0522660172 |
| DEK 5 GW 173     | 0522660173 |
| DEK 5 GW 174     | 0522660174 |
| DEK 5 GW 175     | 0522660175 |
| DEK 5 GW 176     | 0522660176 |
| DEK 5 GW 177     | 0522660177 |
| DEK 5 GW 178     | 0522660178 |
| DEK 5 GW 179     | 0522660179 |
| DEK 5 GW 180     | 0522660180 |
| DEK 5 GW 181     | 0522660181 |
| DEK 5 GW 182     | 0522660182 |
| DEK 5 GW 183     | 0522660183 |
| DEK 5 GW 184     | 0522660184 |
| DEK 5 GW 185     | 0522660185 |
| DEK 5 GW 186     | 0522660186 |
| DEK 5 GW 187     | 0522660187 |
| DEK 5 GW 188     | 0522660188 |
| DEK 5 GW 189     | 0522660189 |
| DEK 5 GW 190     | 0522660190 |
| DEK 5 GW 191     | 0522660191 |
| DEK 5 GW 192     | 0522660192 |
| DEK 5 GW 193     | 0522660193 |
| DEK 5 GW 194     | 0522660194 |
| DEK 5 GW 195     | 0522660195 |
| DEK 5 GW 196     | 0522660196 |
| DEK 5 GW 197     | 0522660197 |
| DEK 5 GW 198     | 0522660198 |
| DEK 5 GW 199     | 0522660199 |
| DEK 5 GW 200     | 0522660200 |
| DEK 5 GW A       | 0522761021 |
| DEK 5 GW B       | 0522761022 |
| DEK 5 GW BL/SW - | 0576291741 |
| DEK 5 GW C       | 0522761023 |
| DEK 5 GW D       | 0522761024 |
| DEK 5 GW E       | 0522761025 |
| DEK 5 GW F       | 0522761026 |
| DEK 5 GW G       | 0522761027 |
| DEK 5 GW H       | 0522761028 |
| DEK 5 GW I       | 0522761029 |
| DEK 5 GW J       | 0522761030 |
| DEK 5 GW K       | 0522761031 |
| DEK 5 GW L       | 0522761032 |
| DEK 5 GW L1      | 0522361075 |
| DEK 5 GW L2      | 0522361076 |
| DEK 5 GW L3      | 0522361077 |
| DEK 5 GW M       | 0522761033 |
| DEK 5 GW MP      | 0537261235 |
| DEK 5 GW N       | 0522761034 |
| DEK 5 GW O       | 0522761035 |
| DEK 5 GW P       | 0522761036 |
| DEK 5 GW PE      | 0537261187 |
| DEK 5 GW PEN     | 0537261188 |
| DEK 5 GW Q       | 0522761037 |
| DEK 5 GW R       | 0522761038 |
| DEK 5 GW RT/SW + | 0576291737 |
| DEK 5 GW S       | 0522761039 |
| DEK 5 GW T       | 0522761040 |
| DEK 5 GW U       | 0522761041 |
| DEK 5 GW V       | 0522761042 |
| DEK 5 GW W       | 0522761043 |
| DEK 5 GW W-STROM | 0576261215 |
| DEK 5 GW X       | 0522761044 |

| Type/Print              | Order No.  |
|-------------------------|------------|
| DEK 5 GW Y              | 0522761045 |
| DEK 5 GW Z              | 0522761046 |
| DEK 5 GW +              | 0576261198 |
| DEK 5 GW -              | 0576261199 |
| DEK 5 GW g              | 0576261202 |
| DEK 5 GW h              | 0576261203 |
| DEK 5 NEUTRAL           | 0473360000 |
| DEK 5 OR NEUTRAL        | 0473391690 |
| DEK 5 RT NEUTRAL        | 0473391686 |
| DEK 5 SW NEUTRAL        | 0473391694 |
| DEK 5 VI NEUTRAL        | 0473391689 |
|                         |            |
| DEK 5/3,5 MC FS 1-10    | 1762320001 |
| DEK 5/3,5 MC FS 101-110 | 1762320101 |
| DEK 5/3,5 MC FS 11-20   | 1762320011 |
| DEK 5/3,5 MC FS 111-120 | 1762320111 |
| DEK 5/3,5 MC FS 121-130 | 1762320121 |
| DEK 5/3,5 MC FS 131-140 | 1762320131 |
| DEK 5/3,5 MC FS 141-150 | 1762320141 |
| DEK 5/3,5 MC FS 21-30   | 1762320021 |
| DEK 5/3,5 MC FS 31-40   | 1762320031 |
| DEK 5/3,5 MC FS 41-50   | 1762320041 |
| DEK 5/3,5 MC FS 51-60   | 1762320051 |
| DEK 5/3,5 MC FS 61-70   | 1762320061 |
| DEK 5/3,5 MC FS 71-80   | 1762320071 |
| DEK 5/3,5 MC FS 81-90   | 1762320081 |
| DEK 5/3,5 MC FS 91-100  | 1762320091 |
| DEK 5/3,5 MC GW 0       | 1755281000 |
| DEK 5/3,5 MC GW 1       | 1755280001 |
| DEK 5/3,5 MC GW 2       | 1755280002 |
| DEK 5/3,5 MC GW 3       | 1755280003 |
| DEK 5/3,5 MC GW 4       | 1755280004 |
| DEK 5/3,5 MC GW 5       | 1755280005 |
| DEK 5/3,5 MC GW 6       | 1755280006 |
| DEK 5/3,5 MC GW 7       | 1755280007 |
| DEK 5/3,5 MC GW 8       | 1755280008 |
| DEK 5/3,5 MC GW 9       | 1755280009 |
|                         |            |
| DEK 6 BL NEUTRAL        | 0468591693 |
| DEK 6 BR NEUTRAL        | 0468591692 |
| DEK 6 FS 1-50           | 0468760001 |
| DEK 6 FS 101-150        | 0468760101 |
| DEK 6 FS 151-200        | 0468760151 |
| DEK 6 FS 201-250        | 0468760201 |
| DEK 6 FS 251-300        | 0468760251 |
| DEK 6 FS 301-350        | 0468760301 |
| DEK 6 FS 351-400        | 0468760351 |
| DEK 6 FS 401-450        | 0468760401 |
| DEK 6 FS 451-500        | 0468760451 |
| DEK 6 FS 501-550        | 0468760501 |
| DEK 6 FS 51-100         | 0468760051 |
| DEK 6 FS 551-600        | 0468760551 |
| DEK 6 FS 601-650        | 0468760601 |
| DEK 6 FS 651-700        | 0468760651 |
| DEK 6 FS 701-750        | 0468760701 |
| DEK 6 FS 751-800        | 0468760751 |
| DEK 6 FS 801-850        | 0468760801 |
| DEK 6 FS 851-900        | 0468760851 |
| DEK 6 FS 901-950        | 0468760901 |
| DEK 6 FS 951-999        | 0468760951 |
| DEK 6 FSZ 1-10          | 0133360001 |
| DEK 6 FSZ 11-20         | 0133360011 |
| DEK 6 FSZ 21-30         | 0133360021 |
| DEK 6 FSZ 31-40         | 0133360031 |
| DEK 6 FSZ 41-50         | 0133360041 |
| DEK 6 FSZ 51-60         | 0133360051 |
| DEK 6 FSZ 61-70         | 0133360061 |
| DEK 6 FSZ 71-80         | 0133360071 |
| DEK 6 FSZ 81-90         | 0133360081 |
| DEK 6 FSZ 91-100        | 0133360091 |
| DEK 6 FW 1,3,5...99     | 1358660000 |
| DEK 6 FW 1-5 (10X)      | 0688660000 |

| Type/Print          | Order No.  |
|---------------------|------------|
| DEK 6 FW 1-50       | 0468660001 |
| DEK 6 FW 101-150    | 0468660101 |
| DEK 6 FW 151-200    | 0468660151 |
| DEK 6 FW 2,4,...100 | 1358760000 |
| DEK 6 FW 201-250    | 0468660201 |
| DEK 6 FW 251-300    | 0468660251 |
| DEK 6 FW 301-350    | 0468660301 |
| DEK 6 FW 351-400    | 0468660351 |
| DEK 6 FW 401-450    | 0468660401 |
| DEK 6 FW 451-500    | 0468660451 |
| DEK 6 FW 501-550    | 0468660501 |
| DEK 6 FW 51-100     | 0468660051 |
| DEK 6 FW 551-600    | 0468660551 |
| DEK 6 FW 601-650    | 0468660601 |
| DEK 6 FW 651-700    | 0468660651 |
| DEK 6 FW 701-750    | 0468660701 |
| DEK 6 FW 751-800    | 0468660751 |
| DEK 6 FW 801-850    | 0468660801 |
| DEK 6 FW 851-900    | 0468660851 |
| DEK 6 FW 901-950    | 0468660901 |
| DEK 6 FW 951-999    | 0468660951 |
| DEK 6 FW L,N,PE     | 0632560000 |
| DEK 6 FWZ 1-10      | 0518960001 |
| DEK 6 FWZ 101-110   | 0518960101 |
| DEK 6 FWZ 11-20     | 0518960011 |
| DEK 6 FWZ 111-120   | 0518960111 |
| DEK 6 FWZ 121-130   | 0518960121 |
| DEK 6 FWZ 131-140   | 0518960131 |
| DEK 6 FWZ 141-150   | 0518960141 |
| DEK 6 FWZ 151-160   | 0518960151 |
| DEK 6 FWZ 161-170   | 0518960161 |
| DEK 6 FWZ 171-180   | 0518960171 |
| DEK 6 FWZ 181-190   | 0518960181 |
| DEK 6 FWZ 191-200   | 0518960191 |
| DEK 6 FWZ 201-210   | 0518960201 |
| DEK 6 FWZ 21-30     | 0518960021 |
| DEK 6 FWZ 31-40     | 0518960031 |
| DEK 6 FWZ 41-50     | 0518960041 |
| DEK 6 FWZ 51-60     | 0518960051 |
| DEK 6 FWZ 61-70     | 0518960061 |
| DEK 6 FWZ 71-80     | 0518960071 |
| DEK 6 FWZ 81-90     | 0518960081 |
| DEK 6 FWZ 91-100    | 0518960091 |
| DEK 6 FWZ L1-h      | 0631961203 |
| DEK 6 FWZ L1-PE     | 0631961187 |
| DEK 6 FWZ R,S,T,N,g | 0631860000 |
| DEK 6 GE NEUTRAL    | 0468591687 |
| DEK 6 GN NEUTRAL    | 0468591688 |
| DEK 6 GR NEUTRAL    | 0468591691 |
| DEK 6 GW 0          | 0526961000 |
| DEK 6 GW 1          | 0526960001 |
| DEK 6 GW 2          | 0526960002 |
| DEK 6 GW 3          | 0526960003 |
| DEK 6 GW 4          | 0526960004 |
| DEK 6 GW 5          | 0526960005 |
| DEK 6 GW 6          | 0526960006 |
| DEK 6 GW 7          | 0526960007 |
| DEK 6 GW 8          | 0526960008 |
| DEK 6 GW 9          | 0526960009 |
| DEK 6 GW 10         | 0526960010 |
| DEK 6 GW 11         | 0526960011 |
| DEK 6 GW 12         | 0526960012 |
| DEK 6 GW 13         | 0526960013 |
| DEK 6 GW 14         | 0526960014 |
| DEK 6 GW 15         | 0526960015 |
| DEK 6 GW 16         | 0526960016 |
| DEK 6 GW 17         | 0526960017 |
| DEK 6 GW 18         | 0526960018 |
| DEK 6 GW 19         | 0526960019 |
| DEK 6 GW 20         | 0526960020 |
| DEK 6 GW 21         | 0526960021 |
| DEK 6 GW 22         | 0526960022 |

| Type/Print  | Order No.  |
|-------------|------------|
| DEK 6 GW 23 | 0526960023 |
| DEK 6 GW 24 | 0526960024 |
| DEK 6 GW 25 | 0526960025 |
| DEK 6 GW 26 | 0526960026 |
| DEK 6 GW 27 | 0526960027 |
| DEK 6 GW 28 | 0526960028 |
| DEK 6 GW 29 | 0526960029 |
| DEK 6 GW 30 | 0526960030 |
| DEK 6 GW 31 | 0526960031 |
| DEK 6 GW 32 | 0526960032 |
| DEK 6 GW 33 | 0526960033 |
| DEK 6 GW 34 | 0526960034 |
| DEK 6 GW 35 | 0526960035 |
| DEK 6 GW 36 | 0526960036 |
| DEK 6 GW 37 | 0526960037 |
| DEK 6 GW 38 | 0526960038 |
| DEK 6 GW 39 | 0526960039 |
| DEK 6 GW 40 | 0526960040 |
| DEK 6 GW 41 | 0526960041 |
| DEK 6 GW 42 | 0526960042 |
| DEK 6 GW 43 | 0526960043 |
| DEK 6 GW 44 | 0526960044 |
| DEK 6 GW 45 | 0526960045 |
| DEK 6 GW 46 | 0526960046 |
| DEK 6 GW 47 | 0526960047 |
| DEK 6 GW 48 | 0526960048 |
| DEK 6 GW 49 | 0526960049 |
| DEK 6 GW 50 | 0526960050 |
| DEK 6 GW 51 | 0526960051 |
| DEK 6 GW 52 | 0526960052 |
| DEK 6 GW 53 | 0526960053 |
| DEK 6 GW 54 | 0526960054 |
| DEK 6 GW 55 | 0526960055 |
| DEK 6 GW 56 | 0526960056 |
| DEK 6 GW 57 | 0526960057 |
| DEK 6 GW 58 | 0526960058 |
| DEK 6 GW 59 | 0526960059 |
| DEK 6 GW 60 | 0526960060 |
| DEK 6 GW 61 | 0526960061 |
| DEK 6 GW 62 | 0526960062 |
| DEK 6 GW 63 | 0526960063 |
| DEK 6 GW 64 | 0526960064 |
| DEK 6 GW 65 | 0526960065 |
| DEK 6 GW 66 | 0526960066 |
| DEK 6 GW 67 | 0526960067 |
| DEK 6 GW 68 | 0526960068 |
| DEK 6 GW 69 | 0526960069 |
| DEK 6 GW 70 | 0526960070 |
| DEK 6 GW 71 | 0526960071 |
| DEK 6 GW 72 | 0526960072 |
| DEK 6 GW 73 | 0526960073 |
| DEK 6 GW 74 | 0526960074 |
| DEK 6 GW 75 | 0526960075 |
| DEK 6 GW 76 | 0526960076 |
| DEK 6 GW 77 | 0526960077 |
| DEK 6 GW 78 | 0526960078 |
| DEK 6 GW 79 | 0526960079 |
| DEK 6 GW 80 | 0526960080 |
| DEK 6 GW 81 | 0526960081 |
| DEK 6 GW 82 | 0526960082 |
| DEK 6 GW 83 | 0526960083 |
| DEK 6 GW 84 | 0526960084 |
| DEK 6 GW 85 | 0526960085 |
| DEK 6 GW 86 | 0526960086 |
| DEK 6 GW 87 | 0526960087 |
| DEK 6 GW 88 | 0526960088 |
| DEK 6 GW 89 | 0526960089 |
| DEK 6 GW 90 | 0526960090 |
| DEK 6 GW 91 | 0526960091 |
| DEK 6 GW 92 | 0526960092 |
| DEK 6 GW 93 | 0526960093 |
| DEK 6 GW 94 | 0526960094 |

## Versions DEK

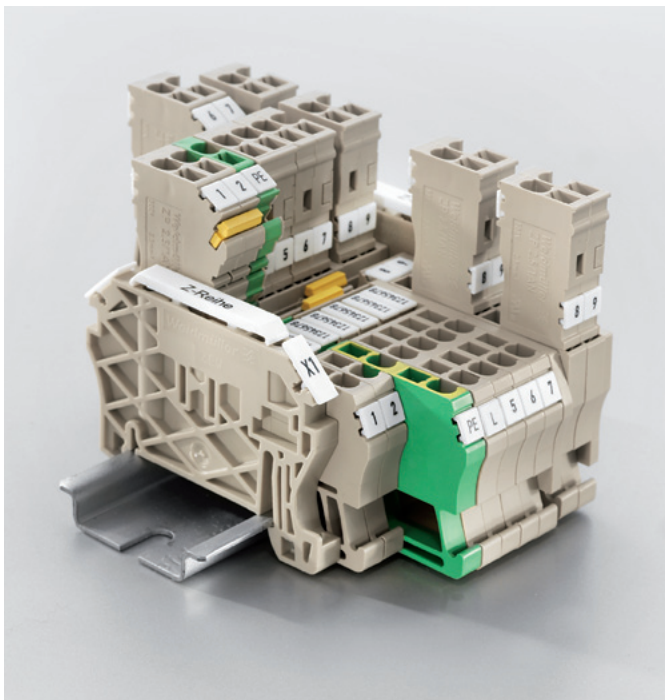
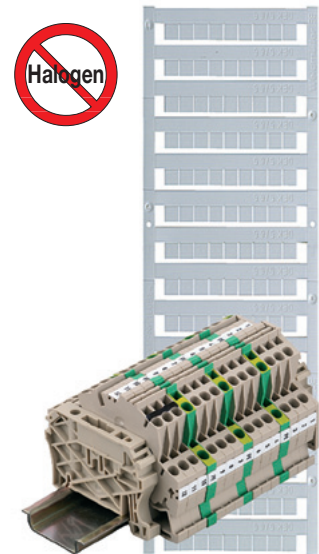
| Type/Print               | Order No.  |
|--------------------------|------------|
| DEK 6 GW 95              | 0526960095 |
| DEK 6 GW 96              | 0526960096 |
| DEK 6 GW 97              | 0526960097 |
| DEK 6 GW 98              | 0526960098 |
| DEK 6 GW 99              | 0526960099 |
| DEK 6 GW 100             | 0526960100 |
| DEK 6 GW BL/SW -         | 1318091741 |
| DEK 6 GW PE              | 1318061187 |
| DEK 6 GW RT/SW +         | 1318091737 |
| DEK 6 GW +               | 1318061198 |
| DEK 6 GW -               | 1318061199 |
| DEK 6 GW g               | 1318061202 |
| DEK 6 GW h               | 1318061203 |
| DEK 6 NEUTRAL            | 0468560000 |
| DEK 6 OR NEUTRAL         | 0468591690 |
| DEK 6 RT NEUTRAL         | 0468591686 |
| DEK 6 SW NEUTRAL         | 0468591694 |
| DEK 6 VI NEUTRAL         | 0468591689 |
|                          |            |
| DEK 6,5 BL NEUTRAL       | 0468091693 |
| DEK 6,5 FS 1-50          | 0468260001 |
| DEK 6,5 FS 101-150       | 0468260101 |
| DEK 6,5 FS 51-100        | 0468260051 |
| DEK 6,5 FSZ 1-10         | 0407360001 |
| DEK 6,5 FSZ 11-20        | 0407360011 |
| DEK 6,5 FSZ 21-30        | 0407360021 |
| DEK 6,5 FSZ 31-40        | 0407360031 |
| DEK 6,5 FSZ 41-50        | 0407360041 |
| DEK 6,5 FSZ 51-60        | 0407360051 |
| DEK 6,5 FSZ 61-70        | 0407360061 |
| DEK 6,5 FSZ 71-80        | 0407360071 |
| DEK 6,5 FSZ 81-90        | 0407360081 |
| DEK 6,5 FSZ 91-100       | 0407360091 |
| DEK 6,5 FW 1-50          | 0468160001 |
| DEK 6,5 FW 101-150       | 0468160101 |
| DEK 6,5 FW 151-200       | 0468160151 |
| DEK 6,5 FW 201-250       | 0468160201 |
| DEK 6,5 FW 251-300       | 0468160251 |
| DEK 6,5 FW 301-350       | 0468160301 |
| DEK 6,5 FW 351-400       | 0468160351 |
| DEK 6,5 FW 401-450       | 0468160401 |
| DEK 6,5 FW 451-500       | 0468160451 |
| DEK 6,5 FW 501-550       | 0468160501 |
| DEK 6,5 FW 51-100        | 0468160051 |
| DEK 6,5 FW L1- h         | 0632161203 |
| DEK 6,5 FW L1-PE         | 0632161187 |
| DEK 6,5 FWZ 1-10         | 0519060001 |
| DEK 6,5 FWZ 11-20        | 0519060011 |
| DEK 6,5 FWZ 21-30        | 0519060021 |
| DEK 6,5 FWZ 31-40        | 0519060031 |
| DEK 6,5 FWZ 41-50        | 0519060041 |
| DEK 6,5 FWZ 51-60        | 0519060051 |
| DEK 6,5 FWZ 61-70        | 0519060061 |
| DEK 6,5 FWZ 71-80        | 0519060071 |
| DEK 6,5 FWZ 81-90        | 0519060081 |
| DEK 6,5 FWZ 91-100       | 0519060091 |
| DEK 6,5 FWZ R,S,T,N,ERD  | 0632060000 |
| DEK 6,5 GE NEUTRAL       | 0468091687 |
| DEK 6,5 GN NEUTRAL       | 0468091688 |
| DEK 6,5 NEUTRAL          | 0468060000 |
| DEK 6,5 OR NEUTRAL       | 0468091690 |
| DEK 6,5 RT NEUTRAL       | 0468091686 |
| DEK 6,5 SW NEUTRAL       | 0468091694 |
| DEK 6,5 VI NEUTRAL       | 0468091689 |
|                          |            |
| DEK 8 BEDR./FARBIG       | 1289690000 |
| DEK 8 FS 1-50 TAMPOPR.   | 1653350001 |
| DEK 8 FS 51-100 TAMPOPR. | 1653350051 |
| DEK 8 FSZ 1-10           | 1289660001 |
| DEK 8 FSZ 11-20          | 1289660011 |
| DEK 8 FSZ 21-30          | 1289660021 |
| DEK 8 FSZ 31-40          | 1289660031 |

| Type/Print               | Order No.  |
|--------------------------|------------|
| DEK 8 FSZ 41-50          | 1289660041 |
| DEK 8 FSZ 51-60          | 1289660051 |
| DEK 8 FSZ 61-70          | 1289660061 |
| DEK 8 FSZ 71-80          | 1289660071 |
| DEK 8 FSZ 81-90          | 1289660081 |
| DEK 8 FSZ 91-100         | 1289660091 |
| DEK 8 FW 1-50 TAMPOPR.   | 1653340001 |
| DEK 8 FW 51-100 TAMPOPR. | 1653340051 |
| DEK 8 FWZ 1-10           | 1276960001 |
| DEK 8 FWZ 101-110        | 1276960101 |
| DEK 8 FWZ 11-20          | 1276960011 |
| DEK 8 FWZ 111-120        | 1276960111 |
| DEK 8 FWZ 121-130        | 1276960121 |
| DEK 8 FWZ 131-140        | 1276960131 |
| DEK 8 FWZ 141-150        | 1276960141 |
| DEK 8 FWZ 21-30          | 1276960021 |
| DEK 8 FWZ 31-40          | 1276960031 |
| DEK 8 FWZ 41-50          | 1276960041 |
| DEK 8 FWZ 51-60          | 1276960051 |
| DEK 8 FWZ 61-70          | 1276960061 |
| DEK 8 FWZ 71-80          | 1276960071 |
| DEK 8 FWZ 81-90          | 1276960081 |
| DEK 8 FWZ 91-100         | 1276960091 |
| DEK 8 GE NEUTRAL         | 1277091687 |
| DEK 8 GN NEUTRAL         | 1277091688 |
| DEK 8 NEUTRAL            | 1277060000 |
| DEK 8 OR NEUTRAL         | 1277091690 |
| DEK 8 RT NEUTRAL         | 1277091686 |
| DEK 8 SONDERDR. WEIS     | 1326660000 |
| DEK 8 VI NEUTRAL         | 1277091689 |

# DEK MultiCard

The Dekafix marker in MultiCard format is the universal marker for all kinds of connectors and also electronic modules from the Weidmüller product range. The blank DEK marker is ideal for flexible, fast printing in situ with our innovative labelling systems SMark-Laser, PrintJet, MCP Plus Plotter or MCMobilo. The system is particularly suitable for short sequences of numbers and is also available with special printing.

- In strips for fast installation
- Flexible, fast printing on site during installation
- Excellent printing quality thanks to the Weidmüller MultiCard printers
- Available in 6 widths
- Custom printing with the MC Laser also possible



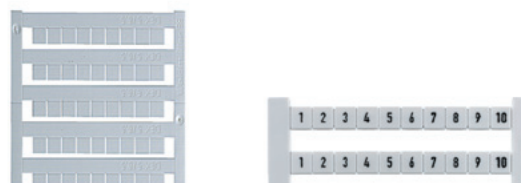
## Technical data

|                          |                            |
|--------------------------|----------------------------|
| Material                 | Polyamide 66, halogen-free |
| UL94 flammability rating | V2                         |
| Temperature range        | -40 °C to 100 °C           |
| Printing                 | black                      |

## Ordering data

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| Colour                 | Available in all colours of the international colour code; for MC on request                                                                                                                                                                                                                                                                                                                                                                 |         |          |
|                        | ● brown                                                                                                                                                                                                                                                                                                                                                                                                                                      | ● red   | ● orange |
|                        | ● yellow                                                                                                                                                                                                                                                                                                                                                                                                                                     | ● green | ● blue   |
|                        | ● violet                                                                                                                                                                                                                                                                                                                                                                                                                                     | ● grey  | ○ white  |
| Special printing       | Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.                                                                                                                                                                                                                                                                                                                                            |         |          |
| Minimum order quantity | 1 pack                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |          |
| Notes on mounting      | <p>Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals.<br/>For example, DEK 5 mm pitch for terminals with 5 mm pitch such as the WDU 2.5.</p> <p>Mount individual markers when the terminal pitch is larger than the marker pitch (width).<br/>For example, DEK 6.5 mount individually on WDU 6 terminals.<br/>Weidmüller markers with 5 mm pitch (width) are suitable for all widths of terminals.</p> |         |          |

Dekafix is the universal marker for the SAK series, W series, Z series, P series, and I series as well as for plug-type connectors and electronic sub-assemblies.



### Clamping width: 3.5 mm

#### DEK - blank

### Ordering data

| Type         | Material colour | Length | Qty. | Order No.  |
|--------------|-----------------|--------|------|------------|
| DEK 5/3.5 MC | white           | 5 mm   | 500  | 1755270000 |

#### DEK - Custom printing

| Type         | Material colour | Length | Qty. | Order No.  |
|--------------|-----------------|--------|------|------------|
| DEK 5/3.5 MC | white           | 5 mm   | 100  | 1767730000 |

### Clamping width: 5.0 mm

#### DEK - blank

| Type               | Material colour | Length | Qty. | Order No.  |
|--------------------|-----------------|--------|------|------------|
| DEK 5/5 Plus MC    | white           | 5 mm   | 1000 | 1854490000 |
| DEK 5/5 Plus MC GE | yellow          | 5 mm   | 1000 | 1907520000 |
| DEK 5/5 MC         | white           | 5 mm   | 1000 | 1609801044 |
| DEK 5/5 MC GE      | yellow          | 5 mm   | 1000 | 1609801687 |
| DEK 5/5 MC BL      | blue            | 5 mm   | 1000 | 1609801693 |
| DEK 5/5 MC GR      | grey            | 5 mm   | 1000 | 1609801691 |
| DEK 5/5 MC GN      | green           | 5 mm   | 1000 | 1609801688 |
| DEK 5/5 MC RT      | red             | 5 mm   | 1000 | 1609801686 |

#### DEK - Custom printing

| Type            | Material colour | Length | Qty. | Order No.  |
|-----------------|-----------------|--------|------|------------|
| DEK 5/5 MC      | white           | 5 mm   | 200  | 1609810000 |
| DEK 5/5 Plus MC | white           | 5 mm   | 200  | 1854500000 |

### Clamping width: 6.0 / 6.5 mm

#### DEK - blank

| Type              | Material colour  | Length | Qty. | Order No.  |
|-------------------|------------------|--------|------|------------|
| DEK 5/6 MC        | white            | 5 mm   | 1000 | 1609820000 |
| DEK 5/6 MC PLUS   | white            | 5 mm   | 1000 | 1011320000 |
| DEK 5/6.5 MC      | white            | 5 mm   | 900  | 1609840000 |
| DEK 5/6.5 PLUS MC | <b>NEW</b> white | 5 mm   | 900  | 1046340000 |

#### DEK - Custom printing

| Type                | Material colour  | Length | Qty. | Order No.  |
|---------------------|------------------|--------|------|------------|
| DEK 5/6 MC SDR      | white            | 5 mm   | 200  | 1609830000 |
| DEK 5/6 MC SDR PLUS | white            | 5 mm   | 200  | 1038650000 |
| DEK 5/6.5 MC        | white            | 5 mm   | 180  | 1609850000 |
| DEK 5/6.5 PLUS MC   | <b>NEW</b> white | 5 mm   | 180  | 1046360000 |

### Clamping width: 7.5 / 8.0 mm

#### DEK - blank

| Type            | Material colour  | Length | Qty. | Order No.  |
|-----------------|------------------|--------|------|------------|
| DEK 5/7.5 MC    | white            | 5 mm   | 320  | 1720620000 |
| DEK 5/8 MC      | white            | 5 mm   | 800  | 1856740000 |
| DEK 5/8 PLUS MC | <b>NEW</b> white | 5 mm   | 800  | 1046350000 |

#### DEK - Custom printing

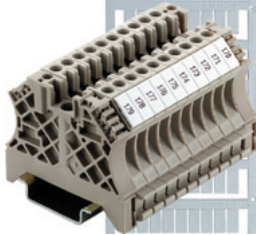
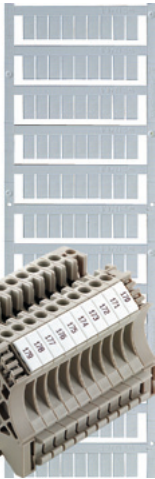
| Type            | Material colour  | Length | Qty. | Order No.  |
|-----------------|------------------|--------|------|------------|
| DEK 5/7.5 MC    | white            | 5 mm   | 64   | 1770490000 |
| DEK 5/8 MC      | white            | 5 mm   | 160  | 1856750000 |
| DEK 5/8 PLUS MC | <b>NEW</b> white | 5 mm   | 160  | 1046370000 |

# WS

WS markers are designed specifically for W series terminals. But thanks to their system compatibility, WS markers can also be used with the I series, Z series and P series. The generous size of these markers permit long characters strings and multiple-line printing.

WS markers are ideal for labelling where long, individual character strings are required. And the proven MultiCard format makes labelling possible with the SMark-Laser, PrintJet, MCP Plus Plotter or MC-Mobilo as well.

- Mount in strips or individually
- Markers in the proven MultiCard format
- Excellent printing quality thanks to the Weidmüller MultiCard printers



## Technical data

|                          |                            |
|--------------------------|----------------------------|
| Material                 | Polyamide 66, halogen-free |
| UL94 flammability rating | V2                         |
| Temperature range        | -40 °C to 100 °C           |
| Printing                 | black                      |

## Ordering data

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| Colour                 | Available in all colours of the international colour code; for MC on request                                                                                                                                                                                                                                                                                                                                                           |         |          |
|                        | ● brown                                                                                                                                                                                                                                                                                                                                                                                                                                | ● red   | ● orange |
|                        | ● yellow                                                                                                                                                                                                                                                                                                                                                                                                                               | ● green | ● blue   |
|                        | ● violet                                                                                                                                                                                                                                                                                                                                                                                                                               | ● grey  | ○ white  |
| Special printing       | Specify special printing and colours per diskette, Excel file or using the M-Print® PRO software.                                                                                                                                                                                                                                                                                                                                      |         |          |
| Minimum order quantity | 1 pack                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |          |
| Notes on mounting      | <p>Mount in strips when the marker pitch (width) corresponds to the pitch of the terminals. For example, WS 10/6 = 6 mm pitch for terminals with 6 mm pitch such as the WDU 4.</p> <p>Mount individual markers when the terminal pitch is larger than the marker pitch (width). For example, WS 12/6.5 mount individually on WDU 6 terminals. Weidmüller markers with 5 mm pitch (width) are suitable for all widths of terminals.</p> |         |          |

# ZS

ZS markers – in the proven MultiCard format – were specially developed for Z series terminals. They provide users with a large labelling area. Their unique hinged form means that cross-connectors, for example, are still readily accessible without having to remove the marker. Markers can be clipped on in strips to guarantee fast installation, but individual markers are easily separated.

- Hinged labelling area
- Mount in strips or individually
- Markers in the proven MultiCard format
- Flexible, fast printing on site during installation



## Technical data

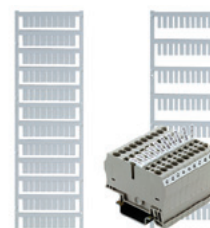
|                          |                            |
|--------------------------|----------------------------|
| Material                 | Polyamide 66, halogen-free |
| UL94 flammability rating | V2                         |
| Temperature range        | -40 °C to 100 °C           |
| Printing                 | black                      |

## Ordering data

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| Colour                    | white                                                                                 |
| Notes on mounting         | height x width (pitch), e.g. ZS 10/5:<br>10 mm high, 5 mm wide = 5 mm pitch           |
| Special printing          | Specify special printing per diskette, Excel file or using the M-Print® PRO software. |
| Suitable printing systems | SMark-Laser, PrintJet, Plotter MCP Plus or MC-Mobilo                                  |
| Minimum order quantity    | 1 pack                                                                                |

## Terminal markers – WS / ZS

WS markers are perfect for the connectors of the W-series, I-series, P-series and Z-series. WS 10/5 and 10/6 Middle are fitted with a centre foot and can be used for the I-series. The ZS markers are specially conceived for the Z-series.



### Clamping width: 3.5 mm

#### WS - blank

### Ordering data

| Type         | Material colour | Length | Qty. | Order No.  |
|--------------|-----------------|--------|------|------------|
| WS 12/3.5 MC | white           | 12 mm  | 600  | 1778270000 |

#### WS - Custom printing

| Type         | Material colour | Length | Qty. | Order No.  |
|--------------|-----------------|--------|------|------------|
| WS 12/3.5 MC | white           | 12 mm  | 120  | 1778280000 |

### Clamping width: 5.0 mm

#### WS - blank

| Type              | Material colour  | Length | Qty. | Order No.  |
|-------------------|------------------|--------|------|------------|
| WS 8/5 MC         | white            | 8 mm   | 720  | 1640740000 |
| WS 8/5 MC GE      | yellow           | 8 mm   | 720  | 1773521687 |
| WS 8/5 MC RT      | red              | 8 mm   | 720  | 1773521686 |
| WS 8/5 MC BL      | blue             | 8 mm   | 720  | 1773521693 |
| WS 8/5 MC OR      | orange           | 8 mm   | 720  | 1773521690 |
| WS 8/5 PLUS MC    | white            | 8 mm   | 600  | 1951870000 |
| WS 10/5 MC        | white            | 10 mm  | 720  | 1635000000 |
| WS 10/5 MC GE     | yellow           | 10 mm  | 720  | 1773531687 |
| WS 10/5 MC Middle | white            | 10 mm  | 720  | 1792000000 |
| WS 10/5 MC RT     | red              | 10 mm  | 720  | 1773531686 |
| WS 10/5 MC BL     | blue             | 10 mm  | 720  | 1773531693 |
| WS 10/5 PLUS MC   | <b>NEW</b> white | 10 mm  | 600  | 1046380000 |
| WS 12/5 MC        | white            | 12 mm  | 720  | 1609860000 |
| WS 12/5 MC GE     | yellow           | 12 mm  | 720  | 1773541687 |
| WS 12/5 MC RT     | red              | 12 mm  | 720  | 1773541686 |
| WS 12/5 MC BL     | blue             | 12 mm  | 720  | 1773541693 |
| WS 12/5 MC OR     | orange           | 12 mm  | 720  | 1773541690 |
| WS 12/5 MC PLUS   | white            | 12 mm  | 600  | 1927510000 |
| WS 14/5 MC        | white            | 14 mm  | 480  | 1768090000 |
| WS 15/5 MC        | white            | 15 mm  | 480  | 1609880000 |
| WS 15/5 MC GE     | yellow           | 15 mm  | 480  | 1773571687 |

#### WS - Custom printing

| Type              | Material colour  | Length | Qty. | Order No.  |
|-------------------|------------------|--------|------|------------|
| WS 8/5 MC         | white            | 8 mm   | 144  | 1640750000 |
| WS 8/5 MC PLUS    | white            | 8 mm   | 120  | 1038790000 |
| WS 10/5 MC        | white            | 10 mm  | 144  | 1635010000 |
| WS 10/5 MC Middle | white            | 10 mm  | 144  | 1792010000 |
| WS 10/5 PLUS MC   | <b>NEW</b> white | 10 mm  | 120  | 1046320000 |
| WS 12/5 MC        | white            | 12 mm  | 144  | 1609870000 |
| WS 12/5 MC PLUS   | white            | 12 mm  | 120  | 1927520000 |
| WS 15/5 MC        | white            | 15 mm  | 96   | 1609890000 |

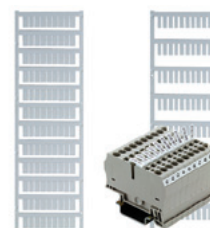
### Clamping width: 6.0 mm

#### WS - blank

| Type                 | Material colour  | Length | Qty. | Order No.  |
|----------------------|------------------|--------|------|------------|
| WS 8/6 PLUS MC       | white            | 8 mm   | 600  | 1951880000 |
| WS 10/6 MC           | white            | 10 mm  | 600  | 1828450000 |
| WS 10/6 MC Middle    | white            | 10 mm  | 600  | 1818400000 |
| WS 10/6 MC Middle GN | green            | 10 mm  | 600  | 1917420000 |
| WS 10/6 MC Middle GE | yellow           | 10 mm  | 600  | 1917430000 |
| WS 10/6 MC Middle RT | red              | 10 mm  | 600  | 1917440000 |
| WS 10/6 MC Middle OR | orange           | 10 mm  | 600  | 1917410000 |
| WS 10/6 PLUS MC      | <b>NEW</b> white | 10 mm  | 600  | 1046390000 |
| WS 12/6 MC           | white            | 12 mm  | 600  | 1609900000 |
| WS 12/6 MC GE        | yellow           | 12 mm  | 600  | 1773551687 |
| WS 12/6 MC RT        | red              | 12 mm  | 600  | 1773551686 |
| WS 12/6 MC BL        | blue             | 12 mm  | 600  | 1773551693 |
| WS 12/6 MC OR        | orange           | 12 mm  | 600  | 1773551690 |
| WS 12/6 MC BR        | brown            | 12 mm  | 600  | 1773551692 |
| WS 12/6 MC VI        | violet           | 12 mm  | 600  | 1773551689 |
| WS 12/6 MC PLUS      | white            | 12 mm  | 600  | 1927530000 |



WS markers are perfect for the connectors of the W-series, I-series, P-series and Z-series. WS 10/5 and 10/6 Middle are fitted with a centre foot and can be used for the I-series. The ZS markers are specially conceived for the Z-series.



#### WS - Custom printing

#### Ordering data

| Type              | Material colour | Length | Qty. | Order No.  |
|-------------------|-----------------|--------|------|------------|
| WS 8/6 PLUS MC    | white           | 8 mm   | 120  | 1038820000 |
| WS 10/6 MC        | white           | 10 mm  | 120  | 1828460000 |
| WS 10/6 MC Middle | white           | 10 mm  | 120  | 1818410000 |
| WS 10/6 PLUS MC   | white           | 10 mm  | 120  | 1046330000 |
| WS 12/6 MC        | white           | 12 mm  | 120  | 1609910000 |
| WS 12/6 MC PLUS   | white           | 12 mm  | 120  | 1927540000 |

#### Clamping width: 6.5 mm

#### WS - blank

| Type            | Material colour | Length | Qty. | Order No.  |
|-----------------|-----------------|--------|------|------------|
| WS 12/6.5 MC    | white           | 12 mm  | 540  | 1609920000 |
| WS 12/6.5 MC GE | yellow          | 12 mm  | 540  | 1773561687 |
| WS 12/6.5 MC RT | red             | 12 mm  | 540  | 1773561686 |
| WS 12/6.5 MC BL | blue            | 12 mm  | 540  | 1773561693 |
| WS 12/6.5 MC GN | green           | 12 mm  | 540  | 1773561688 |

#### WS - Custom printing

| Type         | Material colour | Length | Qty. | Order No.  |
|--------------|-----------------|--------|------|------------|
| WS 12/6.5 MC | white           | 12 mm  | 108  | 1609930000 |

#### Clamping width: 8.0 mm

#### WS - blank

| Type       | Material colour | Length | Qty. | Order No.  |
|------------|-----------------|--------|------|------------|
| WS 10/8 MC | white           | 10 mm  | 420  | 1905950000 |
| WS 12/8 MC | white           | 12 mm  | 420  | 1906000000 |

#### WS - Custom printing

| Type       | Material colour | Length | Qty. | Order No.  |
|------------|-----------------|--------|------|------------|
| WS 10/8 MC | white           | 10 mm  | 84   | 1906030000 |
| WS 12/8 MC | white           | 12 mm  | 84   | 1906010000 |

#### Clamping width: 12.0 / 15.0 mm

#### WS - blank

| Type        | Material colour | Length | Qty. | Order No.  |
|-------------|-----------------|--------|------|------------|
| WS 10/12 MC | white           | 10 mm  | 300  | 1905970000 |
| WS 10/15 MC | white           | 10 mm  | 240  | 1854090000 |

#### WS - Custom printing

| Type        | Material colour | Length | Qty. | Order No.  |
|-------------|-----------------|--------|------|------------|
| WS 10/12 MC | white           | 10 mm  | 60   | 1906060000 |
| WS 10/15 MC | white           | 10 mm  | 48   | 1854100000 |

#### Clamping width: 5.0 mm

#### ZS - blank

| Type       | Material colour | Length | Qty. | Order No.  |
|------------|-----------------|--------|------|------------|
| ZS 10/5 MC | white           | 10 mm  | 480  | 1610000000 |
| ZS 15/5 MC | white           | 15 mm  | 480  | 1646630000 |

#### ZS - Custom printing

| Type       | Material colour | Length | Qty. | Order No.  |
|------------|-----------------|--------|------|------------|
| ZS 10/5 MC | white           | 10 mm  | 96   | 1610010000 |
| ZS 15/5 MC | white           | 15 mm  | 96   | 1646640000 |

#### Clamping width: 6.0 mm

#### ZS - blank

| Type       | Material colour | Length | Qty. | Order No.  |
|------------|-----------------|--------|------|------------|
| ZS 12/6 MC | white           | 12 mm  | 400  | 1610020000 |

#### ZS - Custom printing

| Type       | Material colour | Length | Qty. | Order No.  |
|------------|-----------------|--------|------|------------|
| ZS 12/6 MC | white           | 12 mm  | 80   | 1610030000 |



## Terminal markers – Tag carrier



## Snap Mark

## Technical data

|                              |              |
|------------------------------|--------------|
| Material                     | Polyamide 66 |
| UL94 flammability rating     | V2           |
| Min. temperature, continuous | -40 °C       |
| Max. temperature, continuous | 100 °C       |
| Material colour              | white        |

## Accessories

This tag holder is specially conceived for the IDK 1.5N two-tier terminal of the I-series. The flexible hinge mechanism allows cross-connections to be connected or disconnected at little effort. It can be fitted with four DEK 5 tags or two WS 10/5 Middle connector markers.

## Ordering data

| Type        | Length | Width | Qty. | Order No.  |
|-------------|--------|-------|------|------------|
| Snap Mark I | 23 mm  | 5 mm  | 50   | 1805880000 |

| Type              | Length | Width | Qty. | Order No.  |
|-------------------|--------|-------|------|------------|
| DEK 5/5 MC        | 5 mm   | 5 mm  | 1000 | 1609801044 |
| WS 10/5 MC Middle | 10 mm  | 5 mm  | 720  | 1792000000 |



## BZT1 / BZT2

## Technical data

|                              |           |
|------------------------------|-----------|
| Material                     | Polyamide |
| UL94 flammability rating     | V2        |
| Min. temperature, continuous | -40 °C    |
| Max. temperature, continuous | 100 °C    |
| Material colour              | beige     |

## Accessories

The BZT tag carrier makes possible the clear labelling of the ZDU 2.5/4/6 and ZDUA terminal families. The BZT is used with the WS 10/5 terminal markers. By creating blocks of tag carriers, the ZA version offers the maximum stability.

## Ordering data

| Type     | Length | Width | Qty. | Order No.  |
|----------|--------|-------|------|------------|
| BZT 1    | 8 mm   | 5 mm  | 100  | 1805490000 |
| BZT 1 ZA | 8 mm   | 5 mm  | 100  | 1805520000 |
| BZT 2    | 12 mm  | 5 mm  | 100  | 1805480000 |
| BZT 2 ZA | 12 mm  | 5 mm  | 100  | 1805530000 |

| Type       | Length | Width | Qty. | Order No.  |
|------------|--------|-------|------|------------|
| WS 10/5 MC | 10 mm  | 5 mm  | 20   | 1635000000 |



## SchT 5 / SchT 5 S

### Technical data

|                              |              |
|------------------------------|--------------|
| Material                     | Polyamide 66 |
| UL94 flammability rating     | V2           |
| Min. temperature, continuous | -40 °C       |
| Max. temperature, continuous | 100 °C       |
| Material colour              | beige        |

### Accessories

### Ordering data

| Type     | Length  | Width   | Qty. | Order No.  |
|----------|---------|---------|------|------------|
| SCHT 5   | 44.5 mm | 19.5 mm | 20   | 0292460000 |
| SCHT 5 S | 44.5 mm | 9.5 mm  | 20   | 1631930000 |

| Type                | Length | Width   | No. per sheet | Qty. | Order No.  |
|---------------------|--------|---------|---------------|------|------------|
| ESO 5 white         | 40 mm  | 16.5 mm | 60            | 10   | 1607710000 |
| ESO 5 yellow        | 40 mm  | 16.5 mm | 60            | 10   | 1631350000 |
| ESO 5P white        | 40 mm  | 16.5 mm | 60            | 10   | 1670370000 |
| ESO 5P yellow       | 40 mm  | 16.5 mm | 60            | 10   | 1670380000 |
| ESO 5 S white       | 40 mm  | 7 mm    | 140           | 10   | 1631920000 |
| STR 5 F.SCHT 5      | 40 mm  | 16.5 mm | 20            | 20   | 0294000000 |
| STR 5 S. F.SCHT 5 S | 40 mm  | 7 mm    | 20            | 20   | 1631940000 |
| ELS 7/40 MC NE GE   |        |         |               | 40   | 1045650000 |
| ELS 7/40 MC NE WS   |        |         |               | 40   | 1045640000 |
| ELS 16/40 MC NE GE  |        |         |               | 40   | 1045630000 |
| ELS 16/40 MC NE WS  |        |         |               | 40   | 1045620000 |



## SCHT 7

### Technical data

|                              |             |
|------------------------------|-------------|
| Material                     | Polyamid 66 |
| UL94 flammability rating     | V2          |
| Min. temperature, continuous | -40 °C      |
| Max. temperature, continuous | 100 °C      |
| Material colour              | white       |

### Accessories

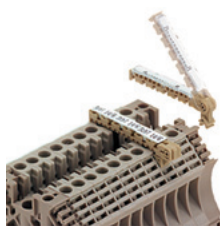
The SCHT 7 is a hinged group marker carrier for inlay tags which still allows easy access to the clamping screw. To equip with ESO 7, 4 tags of DEK 5/5 or 2 tags of WS 10/5 Middle.

### Ordering data

| Type   | Length  | Width | Qty. | Order No.  |
|--------|---------|-------|------|------------|
| SCHT 7 | 39.3 mm | 8 mm  | 20   | 0517960000 |

| Type              | Length | Width  | No. per sheet | Qty. | Order No.  |
|-------------------|--------|--------|---------------|------|------------|
| DEK 5/5 MC        | 5 mm   | 5 mm   |               | 1000 | 1609801044 |
| ESO 7 white       | 27 mm  | 6.3 mm | 240           | 10   | 1607720000 |
| ESO 7 yellow      | 27 mm  | 6.3 mm | 240           | 10   | 1634780000 |
| ESO 7P white      | 27 mm  | 6.3 mm | 240           | 10   | 1670390000 |
| ESO 7P yellow     | 27 mm  | 6.3 mm | 240           | 10   | 1670400000 |
| STR 7 SCHT 7      | 27 mm  | 6.3 mm | 20            | 20   | 0515300000 |
| WS 10/5 MC Middle | 10 mm  | 5 mm   |               | 720  | 1792000000 |

## Terminal markers – Tag carrier



## SCHT 9/4 / SCHT 14/6

## Technical data

|                              |              |
|------------------------------|--------------|
| Material                     | Polyamide 66 |
| UL94 flammability rating     | V2           |
| Min. temperature, continuous | -40 °C       |
| Max. temperature, continuous | 100 °C       |
| Material colour              | beige        |

## Accessories

SCHT 9/4 and SCHT 14/6 are hinged group tag holders for single dekafix and WS tags, allowing easy access to the clamping screws.

## Ordering data

| Type      | Length  | Width | Qty. | Order No.  |
|-----------|---------|-------|------|------------|
| SCHT 14/6 | 44.3 mm | 6 mm  | 20   | 1269060000 |
| SCHT 9/4  | 32 mm   | 4 mm  | 20   | 1278460000 |

| Type       | Length | Width | Qty. | Order No.  |
|------------|--------|-------|------|------------|
| DEK 5/5 MC | 5 mm   | 5 mm  | 1000 | 1609801044 |
| WS 12/5 MC | 12 mm  | 5 mm  | 720  | 1609860000 |



## ELS insertion tag

## Technical data

|                              |                                                                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                     | Polyamide PA 66                                                                                                                                                      |
| UL94 flammability rating     | V2                                                                                                                                                                   |
| Min. temperature, continuous | -40 °C                                                                                                                                                               |
| Max. temperature, continuous | 100 °C                                                                                                                                                               |
| Suitable for                 | ELS 6/30:<br>WKM 8/30 (1631910000) and<br>EM 8/30 (1806120000)<br>ELS 7/40:<br>SchT5S (1631930000)<br>ELS 16/40:<br>SchT5 (0292460000) and<br>WKM 18/43 (1610700000) |

The ELS-type MultiCard marker can be printed on with PrintJet, plotter or SMark printer. Colour printing with the PrintJet PRO, in particular, enables cables and terminal strips to be labelled in a variety of noticeable manners.



## Ordering data

NEW

| Type               | Colour | Qty. | Order No.  |
|--------------------|--------|------|------------|
| blank              |        |      |            |
| ELS 6/30 MC NE WS  | white  | 80   | 1045570000 |
| ELS 6/30 MC NE GE  | yellow | 80   | 1045580000 |
| ELS 7/40 MC NE WS  | white  | 40   | 1045640000 |
| ELS 7/40 MC NE GE  | yellow | 40   | 1045650000 |
| ELS 16/40 MC NE WS | white  | 40   | 1045620000 |
| ELS 16/40 MC NE GE | yellow | 40   | 1045630000 |
| Custom printing    |        |      |            |
| ELS 6/30 MC SDR    |        | 16   | 1045660000 |
| ELS 7/40 MC SDR    |        | 8    | 1045700000 |
| ELS 16/40 MC SDR   |        | 8    | 1045690000 |



## EM 8/30

### Technical data

|                              |               |
|------------------------------|---------------|
| Material                     | Polypropylene |
| UL94 flammability rating     | HB            |
| Min. temperature, continuous | -40 °C        |
| Max. temperature, continuous | 80 °C         |
| Material colour              | transparent   |

### Accessories

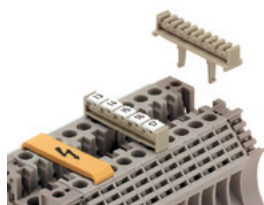
#### Technical data

|         |             |
|---------|-------------|
| ESO...P | = Polyester |
| ESO     | = Paper     |

### Ordering data

| Type    | Length | Width | Qty. | Order No.  |
|---------|--------|-------|------|------------|
| EM 8/30 | 30 mm  | 8 mm  | 50   | 1806120000 |

| Type          | Length | Width  | No. per sheet | Qty. | Order No.  |
|---------------|--------|--------|---------------|------|------------|
| ESO 7 white   | 27 mm  | 6.3 mm | 240           | 10   | 1607720000 |
| ESO 7 yellow  | 27 mm  | 6.3 mm | 240           | 10   | 1634780000 |
| ESO 7P white  | 27 mm  | 6.3 mm | 240           | 10   | 1670390000 |
| ESO 7P yellow | 27 mm  | 6.3 mm | 240           | 10   | 1670400000 |



## WGB 5 / WGB 8 / WAD

### Technical data

|                              |              |
|------------------------------|--------------|
| Material                     | Polyamide 66 |
| UL94 flammability rating     | V2           |
| Min. temperature, continuous | -40 °C       |
| Max. temperature, continuous | 100 °C       |

### Ordering data

| Type                   | Length  | Width  | Material colour | Qty. | Order No.  |
|------------------------|---------|--------|-----------------|------|------------|
| WGB 5                  | 33.5 mm | 5 mm   | beige           | 50   | 1050760000 |
| WGB 8                  | 33.5 mm | 7.7 mm | beige           | 50   | 1050960000 |
| WAD 5 MC NE WS         | 33.5 mm | 5 mm   | white           | 48   | 1112910000 |
| WAD 5 MC NE GE         | 33.5 mm | 5 mm   | yellow          | 48   | 1112920000 |
| WAD 5 MC B GE/SW flash | 33.5 mm | 5 mm   | yellow          | 48   | 1120450000 |
| WAD 8 MC NE WS         | 33.5 mm | 8 mm   | white           | 48   | 1112940000 |
| WAD 8 MC NE GE         | 33.5 mm | 8 mm   | yellow          | 48   | 1112950000 |
| WAD 8 MC B GE/SW flash | 33.5 mm | 8 mm   | yellow          | 48   | 1120470000 |
| WAD 12                 | 36.2 mm | 12 mm  | white           | 50   | 1056260000 |
| WAD 12 flash           | 36.2 mm | 12 mm  | yellow          | 50   | 1055960000 |
| WAD 27                 | 64 mm   | 27 mm  | white           | 10   | 1062960000 |
| WAD 27 flash           | 64 mm   | 27 mm  | yellow          | 10   | 1062860000 |

### WAD – Custom printing

| Type  | Length  | Width | Material colour | Qty. | Order No.  |
|-------|---------|-------|-----------------|------|------------|
| WAD 5 | 33.5 mm | 5 mm  | white/yellow    | 12   | 1112930000 |
| WAD 8 | 33.5 mm | 8 mm  | white/yellow    | 12   | 1112970000 |

### Accessories WGB 5 / WGB 8

| Type            | Length | Width | Qty. | Order No.  |
|-----------------|--------|-------|------|------------|
| DEK 5/5 MC      | 5 mm   | 5 mm  | 1000 | 1609801044 |
| DEK 5/30 MC     | 30 mm  | 5 mm  | 100  | 1951920000 |
| DEK 5/30 MC SDR | 30 mm  | 5 mm  | 40   | 1025680000 |
| WS 12/5 MC      | 12 mm  | 5 mm  | 720  | 1609860000 |

## Terminal markers – Tag carrier



The ZGB 15 / ZGB 30 is a hinged marker carrier. The tag holder can be fitted with the dekafix 5, WS 12/5 connector markers or with the push-in tag ESO 15 / ESO 7.

## ZGB 15 / ZGB 30

## Technical data

|                              |              |
|------------------------------|--------------|
| Material                     | Polyamide 66 |
| UL94 flammability rating     | V2           |
| Min. temperature, continuous | -40 °C       |
| Max. temperature, continuous | 100 °C       |
| Material colour              | white        |

## Accessories

## Ordering data

| Type   | Length | Width | Qty. | Order No.  |
|--------|--------|-------|------|------------|
| ZGB 15 | 15 mm  | 7 mm  | 20   | 1636530000 |
| ZGB 30 | 32 mm  | 7 mm  | 20   | 1611930000 |

| Type          | Length | Width  | No. per sheet | Qty. | Order No.  |
|---------------|--------|--------|---------------|------|------------|
| DEK 5/5 MC    | 5 mm   | 5 mm   |               | 1000 | 1609801044 |
| DEK 5/30      | 30 mm  | 5 mm   |               | 100  | 1951920000 |
| DEK 5/30 SDR  | 30 mm  | 5 mm   |               | 40   | 1025680000 |
| ESO 7 white   | 27 mm  | 6.3 mm | 240           | 10   | 1607720000 |
| ESO 7 yellow  | 27 mm  | 6.3 mm | 240           | 10   | 1634780000 |
| ESO 7P white  | 27 mm  | 6.3 mm | 240           | 10   | 1670390000 |
| ESO 7P yellow | 27 mm  | 6.3 mm | 240           | 10   | 1670400000 |
| ESO 15 white  | 15 mm  | 6 mm   | 120           | 1    | 1636510000 |
| STR 7 SCHR 7  | 27 mm  | 6.3 mm | 20            | 20   | 0515300000 |
| STR 15 ZGB 15 | 15 mm  | 6.3 mm | 20            | 20   | 1636520000 |
| WS 12/5 MC    | 12 mm  | 5 mm   |               | 720  | 1609860000 |

# Printing systems and software

The Weidmüller labelling systems are the quick and efficient way of producing markers for connectors, wires, cables and devices, plus labels for general use. The **M-Print® PRO** software enables users to mark electrical equipment quickly and simply. For professional and fast design, printing and ordering of your marking requirements. Borders, barcodes, graphics or photos can all be easily integrated. The multitude of data conversion routines presents you with fast and flexible options for data integration. The Weidmüller **PrintJet PRO, MCP Plus, MCP Basic, MC-Mobilo** printers plus those of the ThermoMark series can be used for printing.

The **PrintJet PRO** is the recommended model in industrial marking for high-resolution printing and maximum wipe and scratch resistance. The **MCP Plus** plotter provides you with good flexibility because with its positioning frame it can handle more than 160 different types of marker in the MultiCard format. The **MC-Mobilo** is the ideal printer for labelling on site without a PC and a mains power supply, directly during installation work. The printers of the ThermoMark series are ideal for printing labels and/or shrinkable sleeves in excellent quality.



|                               | Printer           |                          |                    |                    |                  |                                 |                                       |
|-------------------------------|-------------------|--------------------------|--------------------|--------------------|------------------|---------------------------------|---------------------------------------|
| Type of marker                | PrintJet PRO      | Plotter MCP Plus         | MCP Basic          | MC Mobilo          | THM TwinMark     | THM Plus                        | THM Basic                             |
| <b>Technical data</b>         |                   |                          |                    |                    |                  |                                 |                                       |
| Technology                    | Inkjet process    | Plotting technique       | Plotting technique | Plotting technique | Thermal transfer | Thermal transfer                | Thermal transfer                      |
| Voltage                       | AC 230 V/AC 115 V | AC 230/AC 115 V          | AC 230/AC 115 V    | AC 230/AC 115 V    | AC 230/AC 115 V  | AC 230/AC 115 V                 | AC 230/AC 115 V                       |
| Printing resolution           | 1.200 dpi         |                          |                    |                    | 300 dpi          | 300 dpi                         | 203 dpi                               |
| Interfaces                    | USB, LAN          | Parallel Centronics, USB | USB                | RS 232             | RS 232, USB, LAN | RS 232, USB, LAN, Compact Flash | Parallel Centronics, USB, RS 232, LAN |
| Network interface card        | ●                 |                          |                    |                    | ●                | ●                               | ●                                     |
| <b>Terminal markers</b>       |                   |                          |                    |                    |                  |                                 |                                       |
| DEK/WS/ZS/MF                  | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| ELS                           | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| WAD                           | ●                 |                          |                    |                    |                  |                                 |                                       |
| <b>Cable and wire markers</b> |                   |                          |                    |                    |                  |                                 |                                       |
| SF/SFX/SFC                    | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| TM-I                          | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| ELS                           | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| <b>Device markers</b>         |                   |                          |                    |                    |                  |                                 |                                       |
| DMC                           | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| ESG                           | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| SM/CC                         | ●                 | ●                        | ●                  | ●                  |                  |                                 |                                       |
| <b>Labels</b>                 |                   |                          |                    |                    |                  |                                 |                                       |
| THM MT                        |                   |                          |                    |                    |                  | ●                               | ●                                     |
| THM WriteOn                   |                   |                          |                    |                    |                  | ●                               | ●                                     |
| THM GEW                       |                   |                          |                    |                    |                  | ●                               | ●                                     |
| THM EL                        |                   |                          |                    |                    |                  |                                 | ●                                     |
| THM ET S7                     |                   |                          |                    |                    |                  | ●                               | ●                                     |
| <b>Shrink sleeves</b>         |                   |                          |                    |                    |                  |                                 |                                       |
| TwinMark                      |                   |                          |                    |                    | ●                | ●                               |                                       |

PrintJet PRO

The **PrintJet PRO** inkjet printer prints markers for electric connectivity. These markers can be used for clear equipment identification on devices, cables and connectors. The labelling makes servicing, maintenance and troubleshooting much easier. Water-based ink is used for the black or spot colour printing. The print is crystal clear and resistant to environmental influences. The **PrintJet PRO** prints plastic markers in **MultiCard** format. In combination with the user-friendly **M-Print® PRO** software and the attached loader, the printer is an essential part of the production. The inkjet process being used, the subsequent fusing, as well as the printer cartridge and ink have all been specially adapted by Weidmüller for industrial use. The printer has excellent long-term use capabilities, thanks to its integrated loader.

- Top-quality, resistant printing
- Spot colour print
- Perfect for constant use
- Integrated loader for 20 MultiCards
- Ideal for large quantities
- The display shows all relevant information
- Flexible connection options, from LAN ports to USB ports



Technical data

| PrintJet PRO           |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Type                   | PrintJet PRO                                                                                                            |
| Application            | Prints MultiCard marker                                                                                                 |
| Technology             | Inkjet process                                                                                                          |
| Print quality          | 600 / 1.200 dpi                                                                                                         |
| Printer drivers        | Windows® 2000/XP/VISTA/7                                                                                                |
| Print software         | M-Print® PRO                                                                                                            |
| System requirements    | Windows® 2000/XP/VISTA/7                                                                                                |
| Feed                   | Integrated loader                                                                                                       |
| Fusing                 | Thermal fusing                                                                                                          |
| Interface              | USB, LAN                                                                                                                |
| Power supply           | AC 230 V/AC 115 V                                                                                                       |
| Location               | Office conditions                                                                                                       |
| Ambient temperature    | 20 °C to 35 °C                                                                                                          |
| Dimensions (L x W x H) | 1060 x 500 x 310 mm                                                                                                     |
| Weight                 | 33 kg                                                                                                                   |
| Cartridge system       | Ink cartridge, CMYK (up to 1,000,000 characters, Arial font size 6)                                                     |
| Scope of supply        | PrintJet PRO, power cable, printer drivers, manuals (CD), Ink tank starter set colour, USB cable, M-Print® PRO software |

Ordering data

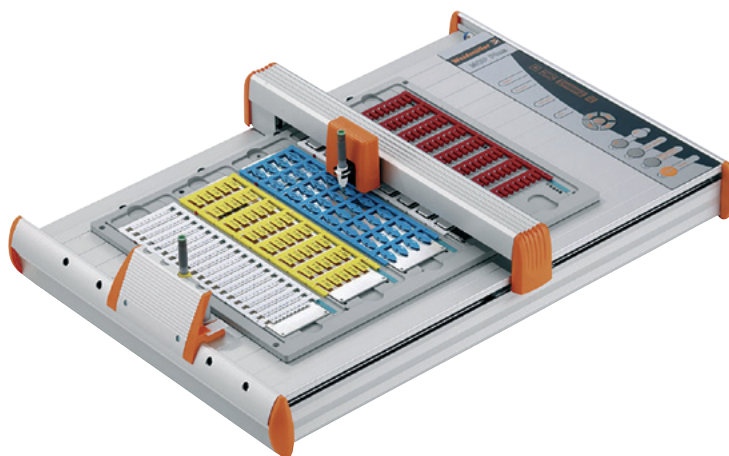
PrintJet PRO

| Type                    | Order No.                    |
|-------------------------|------------------------------|
| PrintJet PRO 115V       | 1024050000                   |
| PrintJet PRO 230V       | 1001180001                   |
| Accessories             |                              |
| PJ PRO TNTK INK SET COL | Ink tank starter set, colour |
| PJ PRO TNTK INK K       | ● Ink tank Black             |
| PJ PRO TNTK INK C       | ● Ink tank Cyan              |
| PJ PRO TNTK INK M       | ● Ink tank Magenta           |
| PJ PRO TNTK INK Y       | ● Ink tank Yellow            |
| PJ PRO TNAW             | waste pad                    |
| Ink tank PrintJet II    | 1858920000                   |
| Clean Unit PrintJet II  | 1858950000                   |
| Ink tank PrintJet       | 1797460000                   |
| Clean Unit PrintJet     | 4062150000                   |

## MCP Plus

The plotter MCP Plus complements the Weidmüller MultiCard concept. It is suitable for smaller quantities of markers and when only part of a MultiCard is to be printed on. The special positioning frame for five MultiCards increases productivity by 20 % over comparable systems. With the positioning frame for SlimFix markers sizes 4 to 6, printing on more than 160 MultiCard types for terminals, cables, wires and equipment is possible. Labels are printed with the MCP-Label positioning frame. Suitable for use with the Weidmüller M-Print® PRO software.

- 2 positioning frames for more than 160 MultiCard types
- MultiCards easily fitted into the frame
- Easy to use with partly used MultiCards
- Automatic pen activation function
- Safe storage of the plotter pens



### Technical data

|                        |                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                   | MCP Plus                                                                                                                                                                                                |
| Application            | printing of MultiCard markers and labels                                                                                                                                                                |
| Technology             | plotting technique                                                                                                                                                                                      |
| Print software         | M-Print® PRO                                                                                                                                                                                            |
| System requirements    | Windows 2000/XP/VISTA/7                                                                                                                                                                                 |
| Interface              | Parallel Centronics / USB                                                                                                                                                                               |
| Power supply           | 230/115 V AC                                                                                                                                                                                            |
| Feed                   | manual                                                                                                                                                                                                  |
| Location               | office conditions                                                                                                                                                                                       |
| Ambient temperature    | 10 °C – 35 °C                                                                                                                                                                                           |
| Dimensions (L x W x H) | 660 x 440 x 125 mm                                                                                                                                                                                      |
| Weight                 | approx. 8 kg                                                                                                                                                                                            |
| Scope of supply        | MCP Plus with Centronics cable, USB cable, power pack (100-240 V AC/50-60 Hz), Euro and US plugs, MultiCard positioning frame, 0.25 P-Ink plotter pen, printer driver, M-Print® PRO software and manual |

### Ordering data

| Type                 | Order No.  |
|----------------------|------------|
| MCP Plus plotter set | 1925000000 |

### MCP Plus

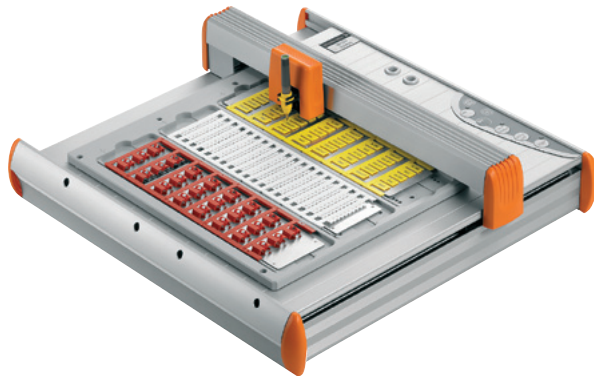


### MCP Basic

The **MCP Basic** plotter is a flexible and portable solution that allows you to print your labels on-site quickly and easily.

The **MCP Basic** is suited for printing small-scale labelling jobs, partial labels, or remaining quantities

- Small space-saving flat-bed plotter
- Positioning frame for 3 MultiCards
- Easily filled with MultiCard sheets
- Positioning frame for SlimFix, sizes 4 to 6 and a label positioning frame optionally available
- Works together with Weidmüller's **M-Print® PRO** software



### Technical data

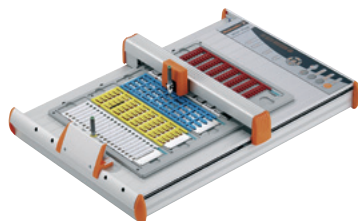
|                           |                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                      | MCP Basic                                                                                                                                                                                                                                  |
| Application               | Printing MultiCard markers and labels                                                                                                                                                                                                      |
| Technology                | plotting technique                                                                                                                                                                                                                         |
| Plotting speed            | max. 40 mm/s                                                                                                                                                                                                                               |
| System requirements       | Windows® 2000/XP/VISTA/7                                                                                                                                                                                                                   |
| Software                  | M-Print® PRO                                                                                                                                                                                                                               |
| Interfaces                | USB                                                                                                                                                                                                                                        |
| Voltage supply            | 100~240 V AC, 50-60 Hz                                                                                                                                                                                                                     |
| Voltage supply            | Via external power supply unit with interchangeable adapters                                                                                                                                                                               |
| Feed                      | manual                                                                                                                                                                                                                                     |
| Location                  | office conditions                                                                                                                                                                                                                          |
| Ambient temperature       | 10 °C – 35 °C                                                                                                                                                                                                                              |
| Dimensions (L x W x H) mm | 440 x 440 x 125                                                                                                                                                                                                                            |
| Weight                    | 6 kg                                                                                                                                                                                                                                       |
| Scope of supply           | MCP Basic plotter, printer driver, power cord, USB cable, M-Print® PRO software, 0.25 P-Ink plotter pen, MultiCard positioning frame, power supply unit (100-240 V AC / 50-60 Hz), Euro and US plugs, user manual on CD, hand trolley-case |

### Ordering data

#### MCP Basic

| Type      | Order No.  |
|-----------|------------|
| MCP Basic | 1139400000 |

## MCP



## MCP positioning frames

## Ordering data

| Type          | for                  | Qty. | Order No.  |
|---------------|----------------------|------|------------|
| MCP AP PLUS   | MultiCards           | 1    | 1924360000 |
| MCP AP BASIC  | MultiCards           | 1    | 1139880000 |
| MCP AP SF 4-6 | SlimFix sizes 4 to 6 | 1    | 1924310000 |
| MCP AP Labels | Labels               | 1    | 1924370000 |

## MCP plotter pens

| Type                   | for                 | Qty. | Order No.  |
|------------------------|---------------------|------|------------|
| Plotter Pen 0.18       | Reusable pen        | 1    | 1768570000 |
| Plotter Pen 0.25       | Reusable pen        | 1    | 1768540000 |
| Plotter Pen 0.25 P-Ink | Disposable pen 8 ml | 1    | 1920640000 |
| Plotter Pen 0.35       | Reusable pen        | 1    | 1768550000 |
| Plotter Pen 0.35 P-Ink | Disposable pen 8 ml | 1    | 1920650000 |
| Plotter Pen 0.50       | Reusable pen        | 1    | 1768560000 |
| Plotter Pen 0.50 P-Ink | Disposable pen 8 ml | 1    | 1005710000 |
| Plotter Pen 0.70       | Reusable pen        | 1    | 1011440000 |
| Plotter Pen 0.70 P-Ink | Disposable pen 8 ml | 1    | 1011450000 |

## MCP ink

| Type     | Contents | Qty. | Order No.  |
|----------|----------|------|------------|
| P-Ink    | 30 ml    | 1    | 1924340000 |
| Ink 2000 | 25 ml    | 1    | 1772120000 |

## MCP miscellaneous

| Type                | Contents          | Qty. | Order No.  |
|---------------------|-------------------|------|------------|
| P cleaner           | 30 ml             | 1    | 1924330000 |
| Cleaner Clean 2000  | 25 ml             | 1    | 1772130000 |
| Inlay for MCP       |                   | 1    | 1935130000 |
| Inlay SFC 3         |                   | 1    | 1058090000 |
| MCP adhesive strips |                   | 5    | 1924320000 |
| MCP Plus cover      |                   | 1    | 1924350000 |
| MCP TP-KOF Basic    | Trolley MCP Basic | 1    | 1139890000 |



## Accessories – STI pen

## Ordering data

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| Adapter aluminium STI pen | 1    | 1762440000 |
| STI pen SW                | 10   | 0508401694 |

The STI-S felt tip pen is suitable for labelling blank Weidmüller marking products. It can be used for handwritten labels or, in conjunction with the STI-S adapter, for a plotter printout. A black, waterproof ink is used.

## MC-Mobilo

The MC-Mobilo allows users to label electrical equipment, anywhere, at any time as there is no need for a PC and no need for a power supply. The rechargeable battery provides power for up to 3 hours. The universal inlay enables up to 120 different marker types of the MultiCard range to be processed.



### Technical data

|                        |                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                   | Plotter                                                                                                                                                                                                                |
| Application            | Printing of MultiCard markers                                                                                                                                                                                          |
| Technology             | Plotting technique                                                                                                                                                                                                     |
| Print software         | WM-Print                                                                                                                                                                                                               |
| Interface              | RS 232                                                                                                                                                                                                                 |
| Power supply           | AC 230 / AC 115 V                                                                                                                                                                                                      |
| Feed                   | manual                                                                                                                                                                                                                 |
| Location               | can be used anywhere                                                                                                                                                                                                   |
| Ambient temperature    | 15 - 30 °C                                                                                                                                                                                                             |
| Dimensions (L x W x H) | 380 x 190 x 68 mm                                                                                                                                                                                                      |
| Weight                 | 3 kg                                                                                                                                                                                                                   |
| Scope of supply        | MC-Mobilo, universal power unit, including adapters (EURO, UK, USA), data cassette, operating instructions, PowerPack, PC connecting cable, WM-Print, universal MultiCard mounting frame, 0.25 plotter pen, carry case |

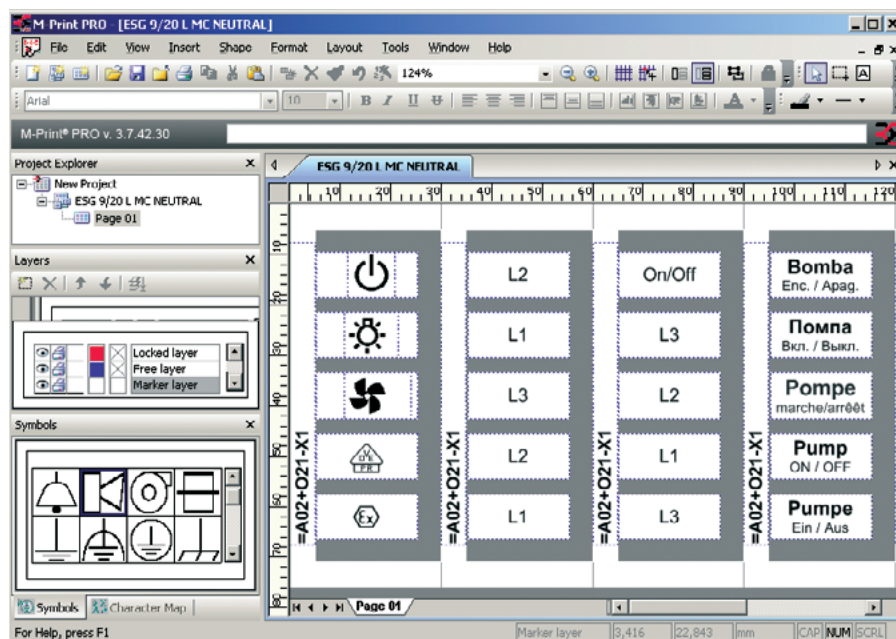
### Ordering data

### MC-Mobilo

|                                                   | Qty. | Order No.  |
|---------------------------------------------------|------|------------|
| <b>MC-Mobilo</b>                                  |      |            |
| MC-Mobilo 110/220 V                               | 1    | 1741260001 |
| <b>MC-Mobilo Accessories</b>                      |      |            |
| Printkit (Ink 2000, Clean 2000, Plotter-Pen 0.25) | 1    | 1686920000 |
| Frame inlay SF 4-6                                | 1    | 1802180000 |
| Inlay SFC 3                                       | 1    | 1058090000 |
| <b>Accessories Plotter IP220/MC-Mobilo</b>        |      |            |
| P-Ink 30 ml                                       | 1    | 1924340000 |
| Ink 2000 25 ml                                    | 1    | 1772120000 |
| P cleaner 30 ml                                   | 1    | 1924330000 |
| Cleaner Clean 2000 25 ml                          | 1    | 1772130000 |
| Plotter Pen 0.18                                  | 1    | 1768570000 |
| Plotter Pen 0.25                                  | 1    | 1768540000 |
| Plotter Pen 0.25 P-Ink                            | 1    | 1920640000 |
| Plotter Pen 0.35                                  | 1    | 1768550000 |
| Plotter Pen 0.35 P-Ink                            | 1    | 1920650000 |
| Plotter Pen 0.50                                  | 1    | 1768560000 |
| Plotter Pen 0.50 P-Ink                            | 1    | 1005710000 |
| Plotter Pen 0.70                                  | 1    | 1011440000 |
| Plotter Pen 0.70 P-Ink                            | 1    | 1011450000 |
| <b>Accessories – STI pen</b>                      |      |            |
| Adapter aluminium STI pen                         | 1    | 1762440000 |
| STI pen SW                                        | 10   | 0508401694 |

## M-Print® PRO Label Designer

**Print and ordering software** for markers and labels  
**M-Print® PRO** is a professional software for printing and ordering Weidmüller markers and labels under Windows®. This software helps you to optimise your processes for marking electrical equipment. You can design, print and order your marking materials effortlessly, professionally and quickly: texts, frames, lines, graphics, barcodes, serial numbers and photos.



### Technical data

#### Here is an overview of the main functions

Integrated product catalogue for all labels and markers, including images and links to the relevant web pages and product data sheets  
 Custom formatting of individual text characters (RTF)  
 Perform copy-and-paste functions with texts and their formats  
 Supports UNICODE for foreign-language texts, such as Russian, Chinese, Polish, etc.  
 Enter data on labels or worksheet, or directly in Microsoft® Excel  
 Numeric and alphanumeric counts and sequences  
 Extensive range of image formats (\*.bmp, \*.wmf, \*.png, \*.ico, \*.jpeg, \*.tif, \*.gif)  
 Image library including all the important symbols used in electrical engineering  
 Permanent print preview: see how the printout will look during the design phase  
 Supported output devices: PrintJet Pro, PrintJet II, SMark laser, MCP plotter, THM and standard printers with Windows® drivers  
 Assign product to specific printer; for example, ESG 9/20 to PrintJet, LaserMark to laser printer, etc.  
 Optimum and rapid adjustment of the output devices  
 Imports data from CAE systems  
 Import assistant to create your own import filter for numerous file formats (\*.txt, \*.csv, \*.xml etc.)  
 Markers and labels can be designed in as many levels as required  
 Interface to RailDesigner®

#### Operating systems supported

WINDOWS® 2000/XP/VISTA/7

#### System requirements

|               |                                                                                    |
|---------------|------------------------------------------------------------------------------------|
| RAM           | > 256 MB                                                                           |
| Processor     | > Pentium III or comparable model                                                  |
| Graphics      | > 800 x 600 pixels with 256 colours<br>optimum: 1024 x 768 with 16-bit High Colour |
| Hard drive    | > 90 MB free storage                                                               |
| Miscellaneous | mouse, keyboard, CD-ROM drive (to install the software)                            |

M-Print® PRO is available in two editions:

- M-Print® PRO Standard Edition for professional printing results with all of Weidmüller's marking materials
- M-Print® PRO Advanced Edition for professional printing results with all of Weidmüller's marking materials plus labels to your own specification

### Ordering data

#### M-Print® PRO

| Type                  | Order No.  |
|-----------------------|------------|
| M-Print® PRO          | 1905490000 |
| M-Print® PRO advanced | 1905500000 |

Tools

Cutting tools

- Cutting formation for different cable sizes increases the quality of the cuts for smaller cross-sections
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!
- Cutting without deformation of the conductor



KT 8



- max. 8 mm
- max. 16 mm<sup>2</sup>
- max. 16 mm<sup>2</sup>
- max. 16 mm<sup>2</sup>

KT 12



- max. 12 mm
- max. 16 mm<sup>2</sup>
- max. 25 mm<sup>2</sup>
- max. 35 mm<sup>2</sup>

KT 22



- max. 22 mm
- max. 25 mm<sup>2</sup>
- max. 50 mm<sup>2</sup>
- max. 95 mm<sup>2</sup>

Technical data

| Max. cutting performance, copper cable       |                      |
|----------------------------------------------|----------------------|
| Solid (max. conductor cross-section)         | mm <sup>2</sup> /AWG |
| Stranded (max. conductor cross-section)      | mm <sup>2</sup> /AWG |
| Flexible (max. conductor cross-section)      | mm <sup>2</sup> /AWG |
| Flexible, stranded (max. conductor diameter) | mm                   |
| Max. cutting performance, aluminium cable    |                      |
| Stranded (max. conductor cross-section)      | mm <sup>2</sup> /-   |
| Stranded (max. conductor diameter)           | mm                   |
| solid                                        | mm <sup>2</sup>      |
| Data / telephone / control cable             |                      |
| Max. outer diameter                          | mm                   |
| Tool data                                    |                      |
| Length / Width / Height                      | mm                   |
| Weight                                       | g                    |
| Note                                         |                      |

| KT8           | KT12          |
|---------------|---------------|
| 16 / 6        | 16 / 6        |
| 16 / 6        | 25 / 3        |
| 16 / 6        | 35 / 2        |
| 8             | 12            |
| 16 / 6        | 25 / 6        |
| 8             | 8             |
| 16            | 25            |
| 8             | 12            |
| 165 / 65 / 25 | 215 / 66 / 28 |
| 180           | 300           |
| Tool closed   |               |

|               |
|---------------|
| KT22          |
| 25 / 3        |
| 50 / 1        |
| 95 / 3/0      |
| 22            |
| 70 / 2/0      |
| 22            |
| 50            |
| 22            |
| 220 / 66 / 30 |
| 460           |
| Tool closed   |

Ordering data

| Version |
|---------|
|         |
| Note    |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| KT 8  | 1    | 9002650000 |
| KT 12 | 1    | 9002660000 |
|       |      |            |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| KT 22 | 1    | 1157830000 |
|       |      |            |

## Cutting and releasing tools

Special release tools for the Weidmüller W-Series terminal connectors.

### WAW 1

Notching tool



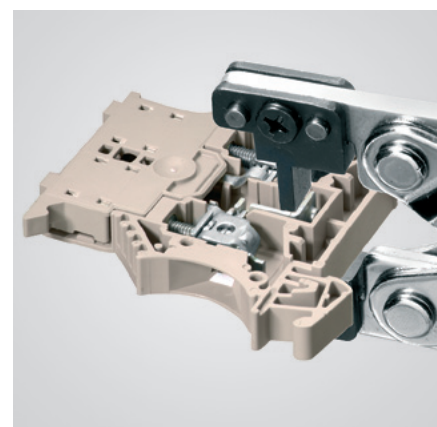
Tool for releasing poles from WQV 2.5 to WQV 35 cross connections used in Weidmüller W-Series terminal connectors.

### WAW 2

Notching tool



Tool for punching out the cross-connection windows of the Weidmüller W-Series terminal connectors, WTR 2.5 disconnect terminal and WSI 6 fuse terminal.



## Technical data

|        |    |
|--------|----|
| Length | mm |
| Weight | g  |
| Note   |    |

|              |    |     |
|--------------|----|-----|
| <b>WAW 1</b> |    |     |
| Length       | mm | 167 |
| Weight       | g  | 227 |
| Note         |    |     |

|              |    |     |
|--------------|----|-----|
| <b>WAW 2</b> |    |     |
| Length       | mm | 205 |
| Weight       | g  | 338 |
| Note         |    |     |

## Ordering data

|         |
|---------|
| Version |
|         |
| Note    |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| WAW 1 NEUTRAL | 1    | 9004500000 |
| Note          |      |            |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| WAW 2 | 1    | 9004510000 |
| Note  |      |            |

Tools

Cutting and releasing tools

Special cutting tool for clean pinch-free cutting of Weidmüller Z-Series cross-connections

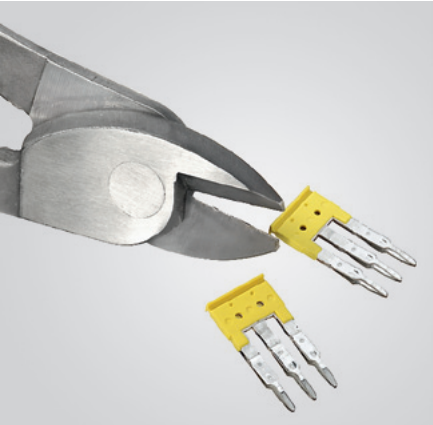
KT ZQV

Cutting tool



Cutting tool for clean cutting of Weidmüller ZQV Series cross-connections

F



Technical data

|                         |    |
|-------------------------|----|
| Length / Width / Height | mm |
| Weight                  | g  |

|        |
|--------|
| KT ZQV |
| 215    |
| 300    |

|      |
|------|
| Note |
|------|

|  |
|--|
|  |
|--|

Ordering data

|         |
|---------|
| Version |
|---------|

| KT ZQV | Qty. | Order No.  |
|--------|------|------------|
| KT ZQV | 1    | 9002170000 |

|      |
|------|
| Note |
|------|

|  |
|--|
|  |
|--|

## Mounting rail cutter



Copper earthing bar



TS 32 mm according to EN 50035 (s = 1.5 mm)



TS 15/5.5 mm according to EN 50045 (s = 1.0 mm)



TS 35/7.5 mm according to EN 50022 (s = 1.0 mm)



TS 35/15 mm according to EN 50022 (s = 1.5 mm)

## TSLD

Terminal rail cutting and punching tool



Hand-operated mounting rail cutter for cutting and perforating DIN mounting rails

- Cutting with no burrs or waste
- Length end stop (1000 mm) is included in delivery
- Table-top unit for mounting on workbench or similar work places

## VKSW

Wire channel cutter



Manually-operated wire channel cutter: for cutting (up to 125 mm wide) of wire channels and covers.

- Cutting with no burrs or waste
- Length end stop (1000 mm) with feed mechanism for precision-angled cuts
- Table-top unit for mounting on workbench or similar work places
- Hardened cutting edges made from specialized steel.

## Technical data

|             |    |
|-------------|----|
| Width       | mm |
| Length      | mm |
| Height      | mm |
| Weight      | g  |
| <b>Note</b> |    |

|                                                  |       |  |
|--------------------------------------------------|-------|--|
| <b>TSLD</b>                                      |       |  |
|                                                  | 205   |  |
|                                                  | 270   |  |
|                                                  | 200   |  |
|                                                  | 19000 |  |
| Technical data without lever and length end stop |       |  |

|             |       |  |
|-------------|-------|--|
| <b>VKSW</b> |       |  |
|             | 280   |  |
|             | 285   |  |
|             | 290   |  |
|             | 15000 |  |

## Ordering data

|                |
|----------------|
| <b>Version</b> |
| <b>Note</b>    |

| Type   | Qty. | Order No.  |
|--------|------|------------|
| TSLD   | 1    | 9918700000 |
| TSLD C | 1    | 1270310000 |

| Type | Qty. | Order No.  |
|------|------|------------|
| VKSW | 1    | 1137530000 |



## Tools

## Cable cutter

- One-hand operation
- Easy handling
- Minimal hand force required
- Release option in every cutting position
- Not suitable for steel wires, steel-armoured cables, aluminium alloys and hard-drawn copper conductors!



## KT 45 R



-  Cu + Al: max. 45 mm
-  Cu: max. 300 mm<sup>2</sup>  
Al: max. 400 mm<sup>2</sup>
-  Cu: max. 400 mm<sup>2</sup>



## KT 55



-  Cu + Al: max. 55 mm
-  Cu: max. 500 mm<sup>2</sup>  
Al: max. 500 mm<sup>2</sup>
-  Cu: max. 500 mm<sup>2</sup>



## Technical data

| Max. cutting performance, copper cable       |                        |
|----------------------------------------------|------------------------|
| Stranded (max. conductor cross-section)      | mm <sup>2</sup> /kcmil |
| Flexible (max. conductor cross-section)      | mm <sup>2</sup> /kcmil |
| Flexible, stranded (max. conductor diameter) | mm                     |
| Copper sector cable                          |                        |
| Max. cutting performance, aluminium cable    |                        |
| Stranded (max. conductor cross-section)      | mm <sup>2</sup> /kcmil |
| Stranded (max. conductor diameter)           | mm                     |
| Aluminium sector cable                       |                        |
| Data / telephone / control cable             |                        |
| Max. outer diameter                          | mm                     |
| Tool data                                    |                        |
| Length / Width / Height                      | mm                     |
| Weight                                       | g                      |
| Note                                         |                        |

| KT 45 R       |  |  |
|---------------|--|--|
| 300 / 600     |  |  |
| 400 / 800     |  |  |
| 45            |  |  |
| 3 x 70 SM     |  |  |
| 400 / 800     |  |  |
| 45            |  |  |
| 4 x 70 SE     |  |  |
| 45            |  |  |
| 290 / 85 / 40 |  |  |
| 740           |  |  |

| KT 55          |  |  |
|----------------|--|--|
| 500 / 1000     |  |  |
| 500 / 1000     |  |  |
| 55             |  |  |
| 3 x 150 SM     |  |  |
| 500 / 1000     |  |  |
| 55             |  |  |
| 4 x 150 SE     |  |  |
| 55             |  |  |
| 365 / 115 / 45 |  |  |
| 1450           |  |  |

## Ordering data

| Version |
|---------|
|         |
| Note    |

| Type                                                                                                                                | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| KT 45 R                                                                                                                             | 1    | 9202040000 |
| Pivoting blade KT 45 R                                                                                                              | 1    | 9204270000 |
| The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade. |      |            |

| Type                                                                                                                                | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| KT 55                                                                                                                               | 1    | 9202060000 |
| Pivoting blade KT 55                                                                                                                | 1    | 9204280000 |
| The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade. |      |            |

## Sheathing strippers

- Sheathing stripper for PVC cables
- Insulation can be stripped from any point along the cable
- Opening of slit insulation by means of integrated cutter



## AM 16

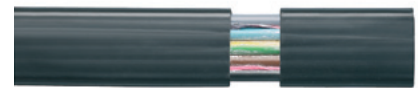
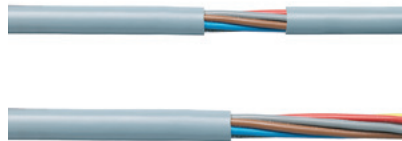
**For round cable, Ø 6...17 mm**



- Also very suitable for stripping cables in the cable duct

AMF 6/10 AM 16

**For ribbon cable, 6 mm<sup>2</sup> and 10 mm<sup>2</sup>**



## Technical data

|                                         |     |
|-----------------------------------------|-----|
| <b>Max. stripping performance</b>       |     |
| Cable type                              |     |
| Conductor cross-section                 | -   |
| Conductor diameter                      | mm  |
| Depth of cut                            |     |
| <b>Cutting performance</b>              |     |
| UTP und STP data cables, max. diameter  | mm  |
| Flexible (max. conductor cross-section) | mm² |
| <b>Tool data</b>                        |     |
| Length                                  | mm  |
| Weight                                  | g   |
| <b>Note</b>                             |     |

## Ordering data

|         |  |
|---------|--|
| Version |  |
|---------|--|

### Note

## Accessories

**Note**

## AM 16

|                 |
|-----------------|
| PVC round cable |
| 6...17          |
| 0,8 - 2,5 mm    |
|                 |
|                 |
|                 |
| 53              |
| 60              |
|                 |

## Type

| Type  | Qty. | Order No.  |
|-------|------|------------|
| AM 16 | 1    | 9204190000 |

## Type

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| Spare blade        | 1    | 9204260000 |
| Sheathing stripper |      |            |

## AMF 6/10

|                  |
|------------------|
| PVC ribbon cable |
| 0 - 4,0 mm       |
| 110              |
| 115              |

## Type

| Type     | Qty. | Order No.  |
|----------|------|------------|
| AMF 6/10 |      | 9204180000 |

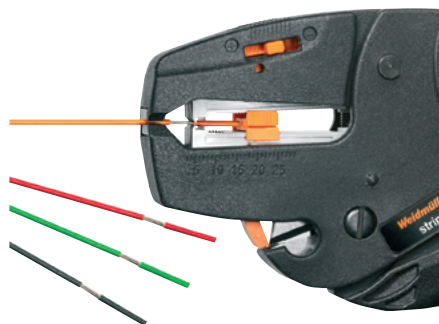
## Type

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| Spare blade        | 1    | 9204250000 |
| Sheathing stripper |      |            |

## Tools

## Stripping and cutting tools

- For flexible and solid conductors with PVC insulation
- Cable with double insulation in two processing steps without special adjustment
- Automatic opening of clamping jaws after stripping
- No play in self-adjusting cutting unit
- Long-lasting
- No splicing of single conductors
- Optimised ergonomic design
- Stripping length adjustable via stop
- Adjustable for different insulation thicknesses
- Switchable partial stripping function
- Removable handle shells
- Fold-out cutting protection
- Custom marking with ESG device markers



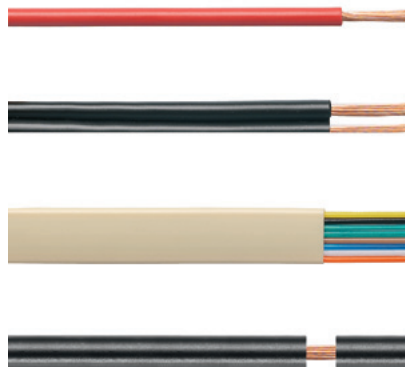
## stripax®

0.08 - 10 mm²

NEW



- Stripping: PVC insulated flexible conductor, size 0.08...10 mm² (~AWG 28...7)
- Cutting: PVC insulated flexible conductor, size 0.08...6 mm² (~AWG 28...10)
- Conductors undamaged due to special self adjusting stripping blades.
- Processing of multi-conductors, with thin flat ribbon cables and even multiple conductors in one operation



## stripax® 16

6 - 16 mm²

NEW



- Stripping: PVC insulated flexible and solid conductors (~AWG 10...6)
- Cutting: PVC insulated flexible and solid conductors, up to 6 mm² (AWG 10)
- Conductors undamaged due to special self adjusting stripping blades.



## Technical data

| Max. stripping performance |     |
|----------------------------|-----|
| Cable type                 |     |
| Conductor cross-section    | mm² |
| Stripping length, max.     | mm  |
| Cutting performance        |     |
| Max. cutting performance   | mm² |
| Tool data                  |     |
| Length                     | mm  |
| Weight                     | g   |
| Note                       |     |

| stripax®                                          |  |  |
|---------------------------------------------------|--|--|
| Flexible and solid conductors with PVC insulation |  |  |
| 0.08...10                                         |  |  |
| 25                                                |  |  |
| 6                                                 |  |  |
| 190                                               |  |  |
| 175                                               |  |  |

| stripax® 16                                       |  |  |
|---------------------------------------------------|--|--|
| Flexible and solid conductors with PVC insulation |  |  |
| 6...16                                            |  |  |
| 25                                                |  |  |
| 6                                                 |  |  |
| 190                                               |  |  |
| 175                                               |  |  |

## Ordering data

| Version |
|---------|
|         |
| Note    |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| stripax® | 1    | 9005000000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| stripax® 16 | 1    | 9005610000 |

## Accessories

| Type |
|------|
|      |
| Note |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| Spare stripping blades | 1    | 1119030000 |

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| Spare stripping blades | 1    | 1119040000 |

## Crimping tools for wire end ferrules

### Three functions:

- Cutting
- Stripping
- Crimping

- Wire-end ferrules with plastic collars, in compliance with DIN 46228-4
- Ratchet for precise crimping.
- Efficient operation: Change of tools not necessary, resulting in a significant time savings
- Automatic conveyance of wire-end ferrules
- Quick adjustment for differing cross-sections
- Easy handling of ferrule strips

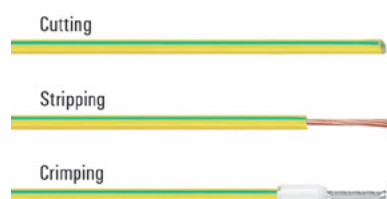
**Only Weidmüller fifty-piece linked ferrule strips can be processed. The use of wire-end ferrules on reels can lead to damage.**

### stripax® plus 2.5

0.5...2.5 mm<sup>2</sup>



- For processing linked wire-end ferrules from Weidmüller 0.5...2.5 mm<sup>2</sup> (~AWG 20...14)



## Technical data

| Description of contact                              |                 |
|-----------------------------------------------------|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 4 (with multiple crimping positions) | -               |
| Crimping range 5 (with multiple crimping positions) | -               |
| Tool data                                           |                 |
| Length                                              | mm              |
| Weight                                              | g               |
| Note                                                |                 |

| STRIPAX PLUS 2.5                                                                                                     |            |
|----------------------------------------------------------------------------------------------------------------------|------------|
| Strips of linked wire-end ferrules                                                                                   |            |
| Crimping range                                                                                                       | 0.5...2.5  |
| Crimping range 1 (with multiple crimping positions)                                                                  | 0.5...0.75 |
| Crimping range 2 (with multiple crimping positions)                                                                  | 1...1.5    |
| Crimping range 3 (with multiple crimping positions)                                                                  | 2.5        |
| Crimping range 4 (with multiple crimping positions)                                                                  | -          |
| Crimping range 5 (with multiple crimping positions)                                                                  | -          |
| Length                                                                                                               | 210        |
| Weight                                                                                                               | 260        |
| Only strip-type products from Weidmüller can be processed. The use of wire-end ferrules on reels can lead to damage. |            |

## Ordering data

| Version |
|---------|
|         |
| Note    |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| STRIPAX PLUS 2.5    | 1    | 9020000000 |
| Spare cutting blade | 1    | 9050340000 |

### Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

**PZ 4**

0.5...4 mm<sup>2</sup>

- Only one crimping station for the whole cross-section range
- Wire-end ferrule insertion from the side

PZ 6/5

0.25...6 mm<sup>2</sup>

- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Five crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side

# F



## Technical data

| Technical data                                      |                 |
|-----------------------------------------------------|-----------------|
| <b>Description of contact</b>                       |                 |
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 4 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 5 (with multiple crimping positions) | mm <sup>2</sup> |
| <b>Tool data</b>                                    |                 |
| Length                                              | mm              |
| Weight                                              | g               |
| <b>Note</b>                                         |                 |

## Ordering data

|         |  |
|---------|--|
| Version |  |
| Note    |  |

PZ 4

| Wire-end ferrules with/without plastic collars |
|------------------------------------------------|
| 0.5...4                                        |
|                                                |
|                                                |
|                                                |
|                                                |
|                                                |
|                                                |
| 200                                            |
| 448                                            |
|                                                |

## Type

|      |   |            |
|------|---|------------|
| PZ 4 | 1 | 9012500000 |
|      |   |            |
|      |   |            |

## PZ 6/5

|                                                |
|------------------------------------------------|
| Wire-end ferrules with/without plastic collars |
| 0.25...6                                       |
| 0.25...0.5                                     |
| 0.75...1.5                                     |
| 2.5                                            |
| 4                                              |
| 6                                              |
| 200                                            |
| 423                                            |

## Type

|        |   |            |
|--------|---|------------|
| PZ 6/5 | 1 | 9011460000 |
|        |   |            |
|        |   |            |

## Crimping tools for wire end ferrules

- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

**PZ 3**

**0.5...6 mm<sup>2</sup>**



- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the front

## PZ 6 roto

0.14...6 mm<sup>2</sup>

- Only one die for the whole cross-section range
- Rotating die enables wire-end ferrule insertion from the front or side



## Technical data

| Description of contact                              |                 |
|-----------------------------------------------------|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 4 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 5 (with multiple crimping positions) | mm <sup>2</sup> |
| Tool data                                           |                 |
| Length                                              | mm              |
| Weight                                              | g               |
| Note                                                |                 |

## Ordering data

| Version |
|---------|
|         |

| Note |
|------|
|      |

**PZ 3**

[illegible]

| Type | Qty. | Order No.  |
|------|------|------------|
| PZ 3 | 1    | 0567300000 |
|      |      |            |
|      |      |            |

**PZ 6 Roto**

| Wire-end ferrules with/without plastic collars |
|------------------------------------------------|
| 0.14...6                                       |
|                                                |
|                                                |
|                                                |
|                                                |
|                                                |
| 200                                            |
| 428                                            |
|                                                |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| PZ 6 Roto | 1    | 9014350000 |
|           |      |            |
|           |      |            |



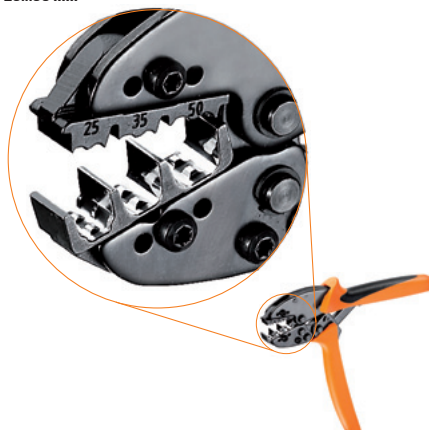


### Crimping tools for wire end ferrules

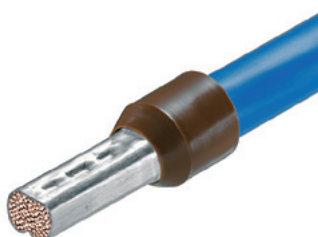
- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

### PZ 50

25...50 mm<sup>2</sup>



- Crimp complies with Euro-Norm EN 60947-1
- Approval according to VG 95211 (military designation VG 95 236 T 14 B 002)
- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side



### Technical data

| Description of contact                              |                 |
|-----------------------------------------------------|-----------------|
| Type of contact                                     |                 |
| Crimping range                                      | mm <sup>2</sup> |
| Crimping range 1 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 2 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 3 (with multiple crimping positions) | mm <sup>2</sup> |
| Crimping range 4 (with multiple crimping positions) | -               |
| Crimping range 5 (with multiple crimping positions) | -               |
| Tool data                                           |                 |
| Length                                              | mm              |
| Weight                                              | g               |
| Note                                                |                 |

| PZ 50                                          |  |
|------------------------------------------------|--|
| Wire-end ferrules with/without plastic collars |  |
| 25...50                                        |  |
| 25                                             |  |
| 35                                             |  |
| 50                                             |  |
| 250                                            |  |
| 730                                            |  |

### Ordering data

| Version |
|---------|
|         |
| Note    |

| Type  | Qty. | Order No.  |
|-------|------|------------|
| PZ 50 | 1    | 9006450000 |



Tools

Combined cutting and screw driving tool

That does not damage the edge; for cutting of copper cables.

- Solid cables with a diameter of up to 1.5 mm<sup>2</sup>
- Flexible cables with a diameter of up to 2.5 mm<sup>2</sup>

swifty®



swifty®

- Cable cutting tool to mount on non-insulated screw drivers with a blade diameter of 3.5 mm
- Minimum manual force required
- Automatic opening of the cutter
- Ergonomically designed grip

swifty®set

- Efficient operation:
- Only one tool for cable-processing in IDC-technology
- Suitable for screw and tension clamps
- Readily available pocket size
- For right-handed and left-handed use
- One-hand operation

swifty®set



Technical data

| Maximum cutting capacity                 |                 |
|------------------------------------------|-----------------|
| <b>Copper cable:</b>                     |                 |
| Solid cable (conductor cross-section)    | mm <sup>2</sup> |
| Flexible cable (conductor cross-section) | mm <sup>2</sup> |
| Tool data                                |                 |
| Length / Width / Height                  | mm              |
| Weight                                   | g               |

|              |
|--------------|
| 1.5          |
| 2.5          |
| 35 / 18 / 40 |
| 20           |

Ordering data

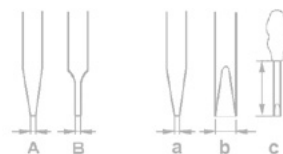
| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| swifty® (without screwdriver) | 1    | 9006020000 |

| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| swifty®set (with screwdriver) | 1    | 9006060000 |
| Screwdriver (SD 0.6 3.5x100)  | 1    | 9008330000 |

| Type                          | Qty. | Order No.  |
|-------------------------------|------|------------|
| swifty®set (with screwdriver) | 1    | 9006060000 |
| Screwdriver (SD 0.6 3.5x100)  | 1    | 9008330000 |

## VDE-insulated screwdriver

VDE-insulated screwdriver with pilot tip, for working on live parts up to 1000 VAC and 1500 VDC, DIN EN 60900, IEC 900, "GS" safety tested, with each individual piece tested. Bit made from fully hardened, high-alloy chromium-vanadiummolybdenum steel, gun-metal finish..



### SDIS 2.5-5.5/PH/1/2

#### 6-part set: VDE insulated slotted and crosshead PH screwdriver set



| Type               | Blade type | Size / AF | a   | b   | c   | Order No.  |
|--------------------|------------|-----------|-----|-----|-----|------------|
| SDI 0.4x2.5x75     |            |           | 0.4 | 2.5 | 80  |            |
| SDI 0.5x3.0x100    |            |           | 0.5 | 3.0 | 100 |            |
| SDI 0.8x4.0x100    |            |           | 0.8 | 4.0 | 100 |            |
| SDI 1.0x5.5x125    |            |           | 1.0 | 5.5 | 125 |            |
| SDI PH 1           |            | 1         |     |     | 80  |            |
| SDI PH 2           |            | 2         |     |     | 100 |            |
| SDIS 2.5-5.5/PH1/2 |            |           |     |     |     | 9009730000 |

### SDIS 2.5-5.5/PZ/1/2

#### Six-piece set: VDE-insulated slotted and PZ-crosshead screwdriver set



|                    |   |     |     |     |            |
|--------------------|---|-----|-----|-----|------------|
| SDI 0.4x2.5x75     | A | 0.4 | 2.5 | 80  |            |
| SDI 0.5x3.0x100    | B | 0.5 | 3.0 | 100 |            |
| SDI 0.8x4.0x100    | B | 0.8 | 4.0 | 100 |            |
| SDI 1.0x5.5x125    | B | 1.0 | 5.5 | 125 |            |
| SDI PZ 1           |   | 1   |     | 80  |            |
| SDI PZ 2           |   | 2   |     | 100 |            |
| SDIS 2.5-5.5/PZ1/2 |   |     |     |     | 1128540000 |

Weidmüller SoftFinish VDE-insulated electric screwdriver for working on live components with up to 1000 V AC and 1500 V DC, DIN EN 60900, IEC 900. "GS" safety-tested and every product tested.

### SDIS 2.0-5.5

#### VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip



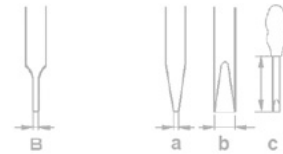
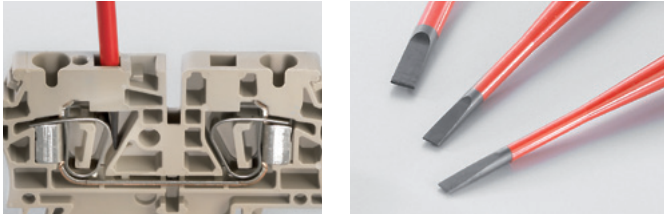
|                 |   |     |     |     |            |
|-----------------|---|-----|-----|-----|------------|
| SDI 0.4x2.0x60  | A | 0.4 | 2.0 | 60  |            |
| SDI 0.4x2.5x75  | A | 0.4 | 2.5 | 75  |            |
| SDI 0.5x3.0x100 | B | 0.5 | 3.0 | 100 |            |
| SDI 0.6x3.5x100 | B | 0.6 | 3.5 | 100 |            |
| SDI 0.8x4.0x100 | B | 0.8 | 4.0 | 100 |            |
| SDI 1.0x5.5x125 | B | 1.0 | 5.5 | 125 |            |
| SDIS 2.0-5.5    |   |     |     |     | 9205550000 |

### VDE-insulated screwdriver SlimLine

VDE-insulated screwdriver, for working on live parts up to 1000 V AC and 1500 V DC. DIN EN 60900, IEC 900, "GS safety-tested and each piece tested. Bit made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

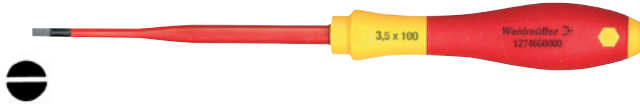
#### A blade that is up to 33 % thinner

The SlimLine design allows you to reach deeply inset fittings and tension clamp terminals.



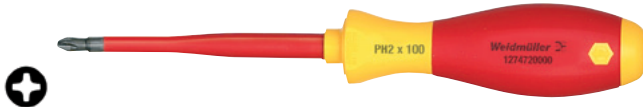
### SDI SL S

VDE insulated slot-head screwdriver, SDI SL DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip



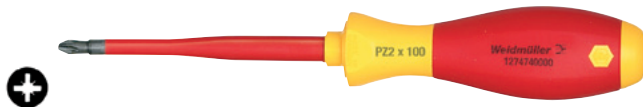
### SDIK SL PH

VDE-insulated crosshead screwdriver, Phillips type, SDIK SL PH DIN 7438, ISO 8764/2-PH, output acc. to ISO 8764-PH, SoftFinish grip



### SDIK SL PZ

VDE-insulated crosshead screwdriver Pozidrive type, SDIK SL PZ DIN 7438, ISO 8764/2-PZ, output acc. to ISO 8764-PZ, SoftFinish grip



### SDIS SL 2.5-5.5/PH/1/2

6-part set: VDE insulated slotted and crosshead PH screwdriver set



| Type               | Blade type | Size / AF | a   | b   | c   | Order No.  |
|--------------------|------------|-----------|-----|-----|-----|------------|
| SDI SL 0.6x3.5x100 | B          |           | 0.6 | 3.5 | 100 | 1274660000 |
| SDI SL 0.8x4.0x100 | B          |           | 0.8 | 4.0 | 100 | 1274670000 |
| SDI SL 1.0x4.5x125 | B          |           | 1.0 | 4.5 | 125 | 1274680000 |
| SDI SL 1.2x6.5x150 | B          |           | 1.2 | 6.5 | 150 | 1274690000 |

|             |   |     |            |
|-------------|---|-----|------------|
| SDIK SL PH1 | 1 | 80  | 1274710000 |
| SDIK SL PH2 | 2 | 100 | 1274720000 |

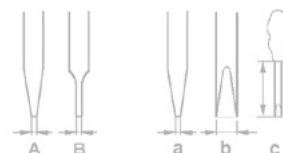
|             |   |     |            |
|-------------|---|-----|------------|
| SDIK SL PZ1 | 1 | 80  | 1274730000 |
| SDIK SL PZ2 | 2 | 100 | 1274740000 |

|                       |   |     |     |     |            |
|-----------------------|---|-----|-----|-----|------------|
| SDI SL 0.6x3.5x100    | B | 0.6 | 3.5 | 100 |            |
| SDI SL 0.8x4.0x100    | B | 0.8 | 4.0 | 100 |            |
| SDI SL 1.0x5.5x125    | B | 1.0 | 4.5 | 125 |            |
| SDI SL 1.2x6.5x150    | B | 1.2 | 6.5 | 150 |            |
| SDIK SL PH1           | 1 |     |     | 80  |            |
| SDIK SL PH2           | 2 |     |     | 100 |            |
| SDIS SL 2.5-5.5/PH1/2 |   |     |     |     | 1274750000 |

**NEW**

## Uninsulated screwdriver

Weidmüller SoftFinish screwdriver for general use. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, matt chrome finish.



### SD S

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



| Type           | Blade type | Size / AF | a   | b   | c   | Order No.  |
|----------------|------------|-----------|-----|-----|-----|------------|
| SD 0.4x2.0x60  | B          |           | 0.4 | 2.0 | 60  | 9037160000 |
| SD 0.4x2.5x75  | A          |           | 0.4 | 2.5 | 75  | 9009030000 |
| SD 0.5x3.0x80  | A          |           | 0.5 | 3.0 | 80  | 9008320000 |
| SD 0.6x3.5x100 | A          |           | 0.6 | 3.5 | 100 | 9008330000 |
| SD 0.6x3.5x200 | A          |           | 0.6 | 3.5 | 200 | 9010110000 |
| SD 0.8x4.0x100 | A          |           | 0.8 | 4.0 | 100 | 9008340000 |
| SD 0.8x4.5x125 | A          |           | 0.8 | 4.5 | 125 | 9009020000 |
| SD 1.0x5.5x150 | A          |           | 1.0 | 5.5 | 150 | 9008350000 |
| SD 1.2x6.5x150 | A          |           | 1.2 | 6.5 | 150 | 9009010000 |



### SDK PZ

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip



|         |   |     |            |
|---------|---|-----|------------|
| SDK PZ0 | 0 | 60  | 9008520000 |
| SDK PZ1 | 1 | 80  | 9008530000 |
| SDK PZ2 | 2 | 100 | 9008540000 |
| SDK PZ3 | 3 | 150 | 9008550000 |

### SD TH

Torx® TH screwdriver with hole in tip of blade (tamper-resistant), SD TH for screwing Torx® and Torx®-TH security screws (pin in centre of Torx recess), chrome top tip, SoftFinish grip. The SD TH20 can be used with the Klippon K housing series.



|         |    |     |            |
|---------|----|-----|------------|
| SD TH20 | 20 | 100 | 9009160000 |
|---------|----|-----|------------|

### SK

The SK 10.0x125 Allen key, SK DIN 3125, drive output acc. to DIN 475/2, SoftFinish grip. It can be used with all sizes from the Klippon TB and Klippon STB housing series.



|             |    |     |            |
|-------------|----|-----|------------|
| SK 10.0x125 | 10 | 125 | 9009070000 |
|-------------|----|-----|------------|

Tools

Weidmüller wrench set

Allen key made from fully hardened, high-alloy chromium-vanadium steel, produced acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

SK WSD S

9-piece offset screwdriver set in Prostar holder, with MagicRing: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with ball point: for working at angles up to 25°.



| Type              | Blade type | Size / AF | a | b | c | Order No.  |
|-------------------|------------|-----------|---|---|---|------------|
|                   |            | 1.5       |   |   |   |            |
|                   |            | 2         |   |   |   |            |
|                   |            | 2.5       |   |   |   |            |
|                   |            | 3         |   |   |   |            |
|                   |            | 4         |   |   |   |            |
|                   |            | 5         |   |   |   |            |
|                   |            | 6         |   |   |   |            |
|                   |            | 8         |   |   |   |            |
|                   |            | 10        |   |   |   |            |
| SK WSD-S 1.5-10.0 |            |           |   |   |   | 9008850000 |

SK S

7-piece Allen key set



|             |     |            |
|-------------|-----|------------|
|             | 2   |            |
|             | 2.5 |            |
|             | 3   |            |
|             | 4   |            |
|             | 5   |            |
|             | 6   |            |
|             | 8   |            |
| SKS 2.0-8.0 |     | 9008860000 |

SK S

7-piece Allen key set with MagicRing and ball point: holds standard screws (size 3 and larger) in any position thanks to spring steel ring, with ball point: for working at angles up to 25°.



|                |     |            |
|----------------|-----|------------|
|                | 2   |            |
|                | 2.5 |            |
|                | 3   |            |
|                | 4   |            |
|                | 5   |            |
|                | 6   |            |
|                | 8   |            |
| SKS 2.0-8.0 MR |     | 9008870000 |

TH S

8-piece Torx®-TH screwdriver set with hole in the blade point (tamper-proof), for screwing Torx® and Torx®-TH tamper-proof screws (centre pin in profile)



|           |    |            |
|-----------|----|------------|
|           | 9  |            |
|           | 10 |            |
|           | 15 |            |
|           | 20 |            |
|           | 25 |            |
|           | 27 |            |
|           | 30 |            |
|           | 40 |            |
| TH-S 9-40 |    | 9008880000 |

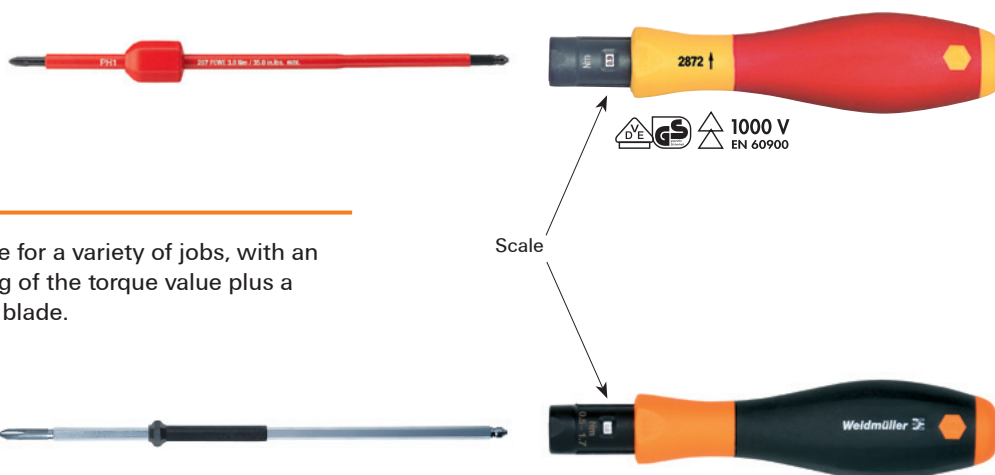


## DMS manual / DMSI manual

### Torque screwdrivers with insulation up to 1000 V (VDE) DMSI manual

The "DMSI manual" with an integral window-scale, combined with a Weidmüller 1000 V insulated (VDE) interchangeable blade ensures controlled tightening of screws plus reliability in electrical applications.

Every 1000 V insulated handle (VDE) and blade (VDE) is tested and provides the necessary safety up to 1000 V AC/1500 V DC.



### Torque screwdrivers DMS manual

This is a versatile tool suitable for a variety of jobs, with an integral scale for easy reading of the torque value plus a Weidmüller interchangeable blade.

#### Each model is available with two torque ranges:

- 0.5 to 1.7 Nm
- 2.0 to 8.0 Nm
- setting tool included

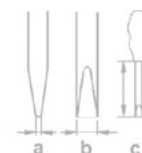
#### Advantages:

- Compact and especially lightweight design
- Torque set with special tool (included) to ensure the right setting
- Ergonomic handle size to match the torque range
- Every tool checked and given an ID No., 100 % quality control with verification and product reference
- Audible, unmistakable click upon reaching the torque, no unnecessary effort
- Interchangeable blade made from high-quality wear-resistant tool steel
- All tools comply with the accuracy stipulations of: EN ISO 6798, BS EN 26789, ASME B107.14M
- Operating accuracy:  $\pm 6$  % of set scale value



Setting tool

## Uninsulated torque screwdriver



### DMS manual

Torque screwdriver EN ISO 6798, BS EN 26789, ASME B107.14M



| Type                | Size / AF    | a | b | c | Order No.  |
|---------------------|--------------|---|---|---|------------|
| DMS MANUELL 0.5-1.7 | 0.5 - 1.7 Nm |   |   |   | 9918370000 |
| DMS MANUELL 2.0-8.0 | 2.0 - 8.0 Nm |   |   |   | 9918380000 |

### WK K S

Interchangeable bits for torque screwdriver  
output acc. to DIN 5264, ISO 2380/1



|              |             |     |     |     |            |
|--------------|-------------|-----|-----|-----|------------|
| WK S 0.4x2.5 | max. 0.4 Nm | 0.4 | 2.5 | 175 | 9918520000 |
| WK S 0.5x3.0 | max. 0.6 Nm | 0.5 | 3.0 | 175 | 9918530000 |
| WK S 0.6x3.5 | max. 1.1 Nm | 0.6 | 3.5 | 175 | 9918540000 |
| WK S 0.8x4.0 | max. 2.5 Nm | 0.8 | 4.0 | 175 | 9918550000 |
| WK S 1.0x5.5 | max. 3.8 Nm | 1.0 | 5.5 | 175 | 9918560000 |

### WK K PZ

Interchangeable bits for torque screwdriver  
output acc. to DIN 5260-PZ, ISO 8764/1-PZ



|          |             |  |  |     |            |
|----------|-------------|--|--|-----|------------|
| WK K PZ0 | max. 0.9 Nm |  |  | 175 | 9918600000 |
| WK K PZ1 | max. 3.8 Nm |  |  | 175 | 9918610000 |
| WK K PZ2 | max. 5.5 Nm |  |  | 175 | 9918620000 |

### WK K PH

Interchangeable bits for torque screwdriver  
output acc. to DIN 5260-PH, ISO 8764/1-PH



|          |             |  |  |     |            |
|----------|-------------|--|--|-----|------------|
| WK K PH0 | max. 0.9 Nm |  |  | 175 | 9918570000 |
| WK K PH1 | max. 3.8 Nm |  |  | 175 | 9918580000 |
| WK K PH2 | max. 5.5 Nm |  |  | 175 | 9918590000 |

### WGK 1/4 C6.3 E6.3

Interchangeable bit with bit holder for torque screwdrivers  
Drive: 1/4" C6.3 and 1/4" E6.3



|                   |  |  |  |  |            |
|-------------------|--|--|--|--|------------|
| WK 1/4" C6.3 E6.3 |  |  |  |  | 9202510000 |
|-------------------|--|--|--|--|------------|

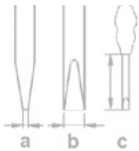


Tools

VDE-insulated torque screwdriver

DMSI manual

VDE-insulated torque screwdriver  
EN ISO 6798, BS EN 26789, ASME B107.14M



| Type                 | Size / AF    | a | b | c | Order No.  |
|----------------------|--------------|---|---|---|------------|
| DMSI MANUELL 0.5-1.7 | 0.5 - 1.7 Nm |   |   |   | 9918390000 |
| DMSI MANUELL 2.0-8.0 | 2.0 - 8.0 Nm |   |   |   | 9918400000 |

WK SI

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver;  
output acc. to DIN 5264, ISO 2380/1



|               |             |     |     |     |            |
|---------------|-------------|-----|-----|-----|------------|
| WK SI 0.4x2.5 | max. 0.4 Nm | 0.4 | 2.5 | 220 | 9918410000 |
| WK SI 0.5x3.0 | max. 0.6 Nm | 0.5 | 3.0 | 220 | 9918420000 |
| WK SI 0.6x3.5 | max. 1.1 Nm | 0.6 | 3.5 | 220 | 9918430000 |
| WK SI 0.8x4.0 | max. 2.5 Nm | 0.8 | 4.0 | 220 | 9918440000 |
| WK SI 1.0x5.5 | max. 3.8 Nm | 1.0 | 5.5 | 220 | 9918450000 |

WK IK PH

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver;  
output acc. to DIN 5260-PH, ISO 8764/1-PH



|           |             |  |  |     |            |
|-----------|-------------|--|--|-----|------------|
| WK IK PH0 | max. 0.9 Nm |  |  | 220 | 9918460000 |
| WK IK PH1 | max. 3.8 Nm |  |  | 220 | 9918470000 |
| WK IK PH2 | max. 5.5 Nm |  |  | 220 | 9918480000 |

WK IK PZ

VDE-insulated interchangeable bits for VDE-insulated torque screwdriver;  
output acc. to DIN 5260-PZ, ISO 8764/1-PZ



|           |             |  |  |     |            |
|-----------|-------------|--|--|-----|------------|
| WK IK PZ0 | max. 0.9 Nm |  |  | 220 | 9918490000 |
| WK IK PZ1 | max. 3.8 Nm |  |  | 220 | 9918500000 |
| WK IK PZ2 | max. 5.5 Nm |  |  | 220 | 9918510000 |

## Pin and electrical cabinet key

### IS 4 / IS 6 / IS 8

#### Wrench with pegged pilot tip

Hexagon screwdriver with cross-grip made from high-quality plastics

- Surface nickel-plated
- Made from hardened chromium-vanadium steel
- According to DIN 6911
- Designed for screws acc. to DIN 6912

#### Ordering data

| Type          | Blade length (C) | Qty. | Order No.  |
|---------------|------------------|------|------------|
| IS 4 DIN 6911 | 60               | 1    | 0485100000 |
| IS 6 DIN 6911 | 80               | 1    | 0407900000 |
| IS 8 DIN 6911 | 90               | 1    | 0235000000 |

#### Technical data

|                  |                       |
|------------------|-----------------------|
| Blade length [C] | 60 mm / 80 mm / 90 mm |
| Weight           | 34 g                  |



### IS 2 KG / IS 3 KG / IS 4 KG

#### Socket wrench

Hexagon screwdriver with cross-grip made from high-quality plastics

- Surface nickel-plated
- Made from hardened chromium-vanadium steel
- According to DIN 6911
- Designed for screws acc. to DIN 6912

#### Ordering data

| Type    | Qty. | Order No.  |
|---------|------|------------|
| IS 2 KG | 1    | 1806630000 |
| IS 3 KG | 1    | 1806650000 |
| IS 4 KG | 1    | 1806660000 |

#### Technical data

|                  |        |
|------------------|--------|
| Blade length [C] | 100 mm |
| Weight           | 32 g   |



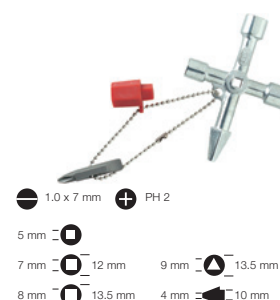
### Cross-Key Master

#### Universal key

- With bit holder and reversible bit (drives - refer to symbols)
- Material: die cast zinc
- Dimensions: 62 x 90 mm
- **Applications:**  
For almost all commercial locking systems in buildings including: doors, window handles, radiator bleed valves, sanitary installations, HVAC, gas and water supply.

#### Ordering data

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| CROSS-KEY MASTER | 1    | 9918150000 |



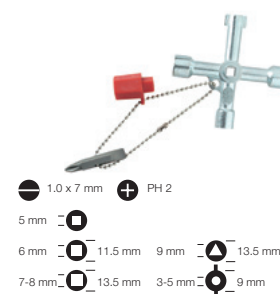
### Cross-Key Universal

#### Universal electrical cabinet key

- With bit holder and reversible bit (drives - refer to symbols)
- Material: die cast zinc
- Dimensions: 72 x 72 mm
- **Applications:**  
For locking systems used in electrical engineering, fits all standard electrical cabinet locks.

#### Ordering data

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| CROSS-KEY UNIVERSAL | 1    | 9918130000 |



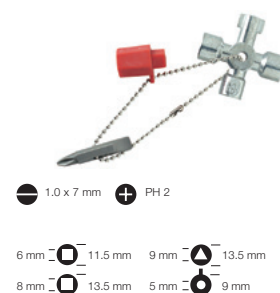
### Cross-Key Universal S

#### Universal mini electrical cabinet key

- With bit holder and reversible bit (drives - refer to symbols)
- Material: die cast zinc
- Dimensions: 42 x 42 mm
- **Applications:**  
For locking systems used in electrical engineering, fits all standard electrical cabinet locks.

#### Ordering data

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| CROSS-KEY UNIVERSAL S | 1    | 9918140000 |



Rechargeable torque screwdriver

DMS 3

DMS 3 Set



DMS 3 rechargeable torque screwdriver

- One-hand operation under all working conditions
- Switchable forward and reverse
- Two speeds: 200 and 400 rpm
- Precise torque settings from approx. 0.3 ... 3 Nm in 6 steps
- Consistent performance during battery discharge
- Grip swings easily from rod to pistol form
- Takes 1/4" bits held ball-bearing clamping mechanism (form E6.3)
- Safety lock prevents inadvertent operation
- Easy changeover from battery drive to manual operation up to 15 Nm

Technical data

| Screwdriver   |  |
|---------------|--|
| Motor         |  |
| Idling speed  |  |
| Max. torque   |  |
| Chuck         |  |
| Length        |  |
| Weight        |  |
| Battery       |  |
| Type          |  |
| Weight        |  |
| Charger       |  |
| Input         |  |
| Output        |  |
| Charging time |  |
| Weight        |  |

|                              |
|------------------------------|
| 2.4 V DC                     |
| 200/400 min <sup>-1</sup>    |
| 3.0 Nm                       |
| 1/4" E 6.3 DIN 3126          |
| 239 mm                       |
| 400 g                        |
| 2 Ni-Cd batteries each 1.2 V |
| 122 g                        |
| 230 V AC, 50 Hz, 50 mA       |
| 2.9 V AC, 1.4 A, 4.1 VA      |
| 1 hour                       |
| 700 g                        |

Ordering data

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| DMS 3                     | 1    | 9007440000 |
| Screwdriver incl. battery |      |            |

| Type                      | Qty. | Order No.  |
|---------------------------|------|------------|
| DMS 3                     | 1    | 9007440000 |
| Screwdriver incl. battery |      |            |

Accessories

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| Spare battery | 1    | 9007450000 |
| Charger       | 1    | 9007460000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| Spare battery | 1    | 9007450000 |
| Charger       | 1    | 9007460000 |

| Type                                                                           | Qty. | Order No.  |
|--------------------------------------------------------------------------------|------|------------|
| DMS 3 set 1 (screwdriver incl. battery, charger, bits, plastic carrying case)* | 1    | 9007470000 |
| DMS 3 set 2 (as set1 with 1 additional battery)                                | 1    | 9007480000 |

\*) see picture

## Tools

## Tools for insulated cable lugs

| Tool    | Order No.  | 0.5 - 1.5 | Type of contact<br>1.5 - 2.5 | 4.0 - 6.0 |
|---------|------------|-----------|------------------------------|-----------|
| CTI 6   | 9006120000 | ●         | ●                            | ●         |
| CTI 6 G | 9202850000 | ●         | ●                            | ●         |
| HTI 15  | 9014400000 | ●         | ●                            | ●         |
| Station |            | red       | blue                         | yellow    |

## Crimping tools for ferrules

|                     | PZ 1.5     | stripax®<br>plus 2.5 | PZ 3       | PZ 4       | PZ 6<br>roto | PZ 6 HEX   | PZ 6/5     | PZ 16      | PZ 50      |
|---------------------|------------|----------------------|------------|------------|--------------|------------|------------|------------|------------|
|                     | Order No.  |                      |            |            |              |            |            |            |            |
|                     | 9005990000 | 9020000000           | 0567300000 | 9012500000 | 9014350000   | 9013650000 | 9011460000 | 9012600000 | 9006450000 |
| AEH mm <sup>2</sup> |            |                      |            |            |              |            |            |            |            |
| H 0.14              | ●          |                      |            |            | ●            | ●          |            |            |            |
| H 0.25              | ●          |                      |            |            | ●            | ●          | ●          |            |            |
| H 0.34              | ●          |                      |            |            | ●            | ●          | ●          |            |            |
| H 0.5               | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 0.75              | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 1.0               | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 1.5               | ●          | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 2.5               |            | ● <sup>1</sup>       | ●          | ●          | ●            | ●          | ●          |            |            |
| H 4.0               |            |                      | ●          | ●          | ●            | ●          | ●          |            |            |
| H 6.0               |            |                      | ●          |            | ●            | ●          | ●          | ●          |            |
| H 10.0              |            |                      |            |            |              |            |            | ●          |            |
| H 16.0              |            |                      |            |            |              |            |            | ●          |            |
| H 25.0              |            |                      |            |            |              |            |            |            | ●          |
| H 35.0              |            |                      |            |            |              |            |            |            | ●          |
| H 50.0              |            |                      |            |            |              |            |            |            | ●          |

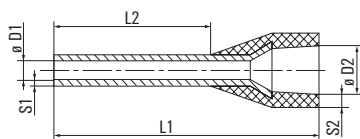
●<sup>1</sup> = ferrules in strip form only

Twin wire end ferrules are to be crimped according to the following table:

| Tool      | Order No.  | H 0.5               | H 0.75              | H 1.0               | H 1.5               | Ferrules<br>H 2.5 | H 4.0             | H 6.0 | H 10.0 | H 16.0 |
|-----------|------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------|--------|--------|
| PZ 1.5    | 9005990000 | ●                   | ●                   |                     |                     |                   |                   |       |        |        |
| PZ 3      | 0567300000 | ●                   | ●                   |                     |                     | ●                 |                   |       |        |        |
| PZ 4      | 9012500000 | ●                   | ●                   | ●                   | ●                   | ●                 |                   |       |        |        |
| PZ 6 roto | 9014350000 | ●                   | ●                   | ●                   | ●                   | ●                 | ●                 |       |        |        |
| PZ 6/5    | 9011460000 |                     | ●                   | ●                   | ●                   | ●                 | ●                 |       |        |        |
| Station   |            | 1.5 mm <sup>2</sup> | 1.5 mm <sup>2</sup> | 2.5 mm <sup>2</sup> | 2.5 mm <sup>2</sup> | 4 mm <sup>2</sup> | 6 mm <sup>2</sup> |       |        |        |
| PZ ZH 16  | 9013600000 |                     |                     |                     |                     |                   |                   | ●     | ●      | ●      |

## Wire end ferrules

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors from 0.14 to 150 mm<sup>2</sup>  
(AWG 26-300MCM)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose



## Ordering data

| Type      | σ mm <sup>2</sup> | AWG     | L1   | L2   | D1   | D2   | S1   | S2   | Stripping length | Colour      | Qty. | Order No.  |
|-----------|-------------------|---------|------|------|------|------|------|------|------------------|-------------|------|------------|
| H0.25/10  | 0.25              | 24      | 10.0 | 6.0  | 0.8  | 1.8  | 0.15 | 0.25 | 8.0              | light blue  | 500  | 9025740000 |
| H0.25/12  | 0.25              | 24      | 12.0 | 8.0  | 0.8  | 1.8  | 0.15 | 0.25 | 10.0             | light blue  | 500  | 9025760000 |
| H0.34/10  | 0.34              | 22      | 10.0 | 6.0  | 0.8  | 2.0  | 0.15 | 0.25 | 8.0              | turquoise   | 500  | 9025750000 |
| H0.34/12  | 0.34              | 22      | 12.0 | 8.0  | 0.8  | 2.0  | 0.15 | 0.25 | 10.0             | turquoise   | 500  | 9025770000 |
| H0.5/12   | 0.50              | 20      | 12.0 | 6.0  | 1.0  | 2.6  | 0.15 | 0.25 | 8.0              | orange      | 500  | 0409500000 |
| H0.5/14   | 0.50              | 20      | 14.0 | 8.0  | 1.0  | 2.6  | 0.15 | 0.25 | 10.0             | orange      | 500  | 0690700000 |
| H0.5/16   | 0.50              | 20      | 16.0 | 10.0 | 1.0  | 2.6  | 0.15 | 0.25 | 12.0             | orange      | 500  | 9025870000 |
| H0.75/12  | 0.75              | 18      | 12.0 | 6.0  | 1.2  | 2.8  | 0.15 | 0.25 | 8.0              | white       | 500  | 0409600000 |
| H0.75/14  | 0.75              | 18      | 14.0 | 8.0  | 1.2  | 2.8  | 0.15 | 0.25 | 10.0             | white       | 500  | 0462900000 |
| H0.75/16  | 0.75              | 18      | 16.0 | 10.0 | 1.2  | 2.8  | 0.15 | 0.25 | 12.0             | white       | 500  | 9025860000 |
| H0.75/18  | 0.75              | 18      | 18.0 | 12.0 | 1.2  | 2.8  | 0.15 | 0.25 | 14.0             | white       | 500  | 9025910000 |
| H1.0/12   | 1.00              | 17      | 12.0 | 6.0  | 1.4  | 3.0  | 0.15 | 0.25 | 8.0              | yellow      | 500  | 0409700000 |
| H1.0/14   | 1.00              | 17      | 14.0 | 8.0  | 1.4  | 3.0  | 0.15 | 0.25 | 10.0             | yellow      | 500  | 0463000000 |
| H1.0/16   | 1.00              | 17      | 16.0 | 10.0 | 1.4  | 3.0  | 0.15 | 0.25 | 12.0             | yellow      | 500  | 9025950000 |
| H1.0/18   | 1.00              | 17      | 18.0 | 12.0 | 1.4  | 3.0  | 0.15 | 0.25 | 15.0             | yellow      | 500  | 9025930000 |
| H1.5/14   | 1.50              | 16      | 14.0 | 8.0  | 1.7  | 3.5  | 0.15 | 0.25 | 10.0             | red         | 500  | 0463100000 |
| H1.5/16   | 1.50              | 16      | 16.0 | 10.0 | 1.7  | 3.5  | 0.15 | 0.25 | 12.0             | red         | 500  | 0635100000 |
| H1.5/24   | 1.50              | 16      | 24.0 | 18.0 | 1.7  | 3.5  | 0.15 | 0.25 | 20.0             | red         | 500  | 0565600000 |
| H2.5/15D  | 2.50              | 14      | 15.0 | 8.0  | 2.2  | 4.2  | 0.15 | 0.25 | 10.0             | blue        | 500  | 9019160000 |
| H2.5/19D  | 2.50              | 14      | 19.0 | 12.0 | 2.2  | 4.2  | 0.15 | 0.25 | 14.0             | blue        | 500  | 9019170000 |
| H2.5/25D  | 2.50              | 14      | 25.0 | 18.0 | 2.2  | 4.2  | 0.15 | 0.25 | 20.0             | blue        | 500  | 9019180000 |
| H4.0/18D  | 4.00              | 12      | 18.0 | 10.0 | 2.8  | 4.8  | 0.2  | 0.3  | 12.0             | grey        | 500  | 9019190000 |
| H4.0/20D  | 4.00              | 12      | 20.0 | 12.0 | 2.8  | 4.8  | 0.2  | 0.3  | 14.0             | grey        | 500  | 9019200000 |
| H4.0/26D  | 4.00              | 12      | 26.0 | 18.0 | 2.8  | 4.8  | 0.2  | 0.3  | 20.0             | grey        | 100  | 9019210000 |
| H6.0/20   | 6.00              | 10      | 20.0 | 12.0 | 3.5  | 6.3  | 0.2  | 0.3  | 14.0             | black       | 100  | 0533500000 |
| H6.0/26   | 6.00              | 10      | 26.0 | 18.0 | 3.5  | 6.3  | 0.2  | 0.3  | 20.0             | black       | 100  | 0565700000 |
| H10.0/22  | 10.00             | 7       | 22.0 | 12.0 | 4.5  | 7.6  | 0.2  | 0.4  | 15.0             | ivory       | 100  | 0534200000 |
| H10.0/28  | 10.00             | 7       | 28.0 | 18.0 | 4.5  | 7.6  | 0.2  | 0.4  | 21.0             | ivory       | 100  | 0565800000 |
| H16.0/22  | 16.00             | 6       | 22.0 | 12.0 | 5.8  | 8.8  | 0.2  | 0.4  | 15.0             | green       | 100  | 0565900000 |
| H16.0/28  | 16.00             | 6       | 28.0 | 18.0 | 5.8  | 8.8  | 0.2  | 0.4  | 21.0             | green       | 100  | 0566000000 |
| H25.0/30  | 25.00             | 3       | 30.0 | 16.0 | 7.3  | 11.2 | 0.2  | 0.4  | 18.0             | brown       | 50   | 0317000000 |
| H25.0/36  | 25.00             | 3       | 36.0 | 22.0 | 7.3  | 11.2 | 0.2  | 0.4  | 24.0             | brown       | 50   | 0317100000 |
| H35.0/30  | 35.00             | 2       | 30.0 | 16.0 | 8.3  | 12.7 | 0.2  | 0.4  | 19.0             | beige       | 50   | 0317200000 |
| H35.0/39  | 35.00             | 2       | 39.0 | 25.0 | 8.3  | 12.7 | 0.2  | 0.4  | 28.0             | beige       | 50   | 0317300000 |
| H50.0/36  | 50.00             | 1       | 36.0 | 20.0 | 10.3 | 15.0 | 0.3  | 0.5  | 26.0             | olive green | 50   | 0444200000 |
| H70.0/37  | 70.00             | 2/0     | 37.0 | 21.0 | 12.7 | 16.0 | 0.35 | 0.6  | 26.0             | yellow      | 25   | 9028200000 |
| H95.0/44  | 95.00             | 3/0     | 44.0 | 25.0 | 14.7 | 18.0 | 0.35 | 0.6  | 31.0             | red         | 25   | 9028210000 |
| H120.0/50 | 120.00            | 4/0     | 50.0 | 30.0 | 16.5 | 21.0 | 0.5  | 0.7  | 36.0             | blue        | 25   | 9028220000 |
| H150.0/54 | 150.00            | 300 MCM | 54.0 | 32.0 | 18.5 | 23.5 | 0.5  | 0.75 | 38.0             | yellow      | 25   | 9028230000 |

## Weidmüller colour code

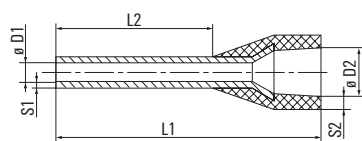
in multipack bag



## Ordering data

| Type     | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour     | Qty. | Order No.  |
|----------|-------------------|-----|------|------|-----|-----|------|------|------------------|------------|------|------------|
| H0.14/10 | 0.14              | 26  | 10.0 | 6.0  | 0.6 | 1.5 | 0.15 | 0.25 | 8.0              | grey       | 500  | 9005180000 |
| H0.14/12 | 0.14              | 26  | 12.0 | 8.0  | 0.6 | 1.5 | 0.15 | 0.25 | 10.0             | grey       | 500  | 9028240000 |
| H0.25/10 | 0.25              | 24  | 10.0 | 6.0  | 0.8 | 1.8 | 0.15 | 0.25 | 8.0              | light blue | 500  | 9026050000 |
| H0.25/12 | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8 | 0.15 | 0.25 | 10.0             | light blue | 500  | 9025780000 |
| H0.34/10 | 0.34              | 22  | 10.0 | 6.0  | 0.8 | 2.0 | 0.15 | 0.25 | 8.0              | turquoise  | 500  | 9026030000 |
| H0.34/12 | 0.34              | 22  | 12.0 | 8.0  | 0.8 | 2.0 | 0.15 | 0.25 | 10.0             | turquoise  | 500  | 9025790000 |
| H0.5/12  | 0.50              | 20  | 12.0 | 6.0  | 1.0 | 2.6 | 0.15 | 0.25 | 8.0              | orange     | 500  | 9028260000 |
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | orange     | 500  | 9026060000 |
| H0.5/16  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.6 | 0.15 | 0.25 | 12.0             | orange     | 500  | 9028270000 |
| H0.75/12 | 0.75              | 18  | 12.0 | 6.0  | 1.2 | 2.8 | 0.15 | 0.25 | 8.0              | white      | 500  | 9028280000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | white      | 500  | 9026070000 |
| H0.75/16 | 0.75              | 18  | 16.0 | 10.0 | 1.2 | 2.8 | 0.15 | 0.25 | 12.0             | white      | 500  | 9028290000 |
| H0.75/18 | 0.75              | 18  | 18.0 | 12.0 | 1.2 | 2.8 | 0.15 | 0.25 | 14.0             | white      | 500  | 9028300000 |
| H1.0/12  | 1.00              | 17  | 12.0 | 6.0  | 1.4 | 3.0 | 0.15 | 0.25 | 8.0              | yellow     | 500  | 9028310000 |
| H1.0/14  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | yellow     | 500  | 9026080000 |
| H1.0/16  | 1.00              | 17  | 16.0 | 10.0 | 1.4 | 3.0 | 0.15 | 0.25 | 12.0             | yellow     | 500  | 9028320000 |
| H1.0/18  | 1.00              | 17  | 18.0 | 12.0 | 1.4 | 3.0 | 0.15 | 0.25 | 15.0             | yellow     | 500  | 9028340000 |
| H1.5/14  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | red        | 500  | 9026090000 |
| H1.5/16  | 1.50              | 16  | 16.0 | 10.0 | 1.7 | 3.5 | 0.15 | 0.25 | 12.0             | red        | 500  | 9028350000 |
| H2.5/15  | 2.50              | 14  | 15.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | blue       | 500  | 9026100000 |
| H4.0/18  | 4.00              | 12  | 18.0 | 10.0 | 2.8 | 4.8 | 0.2  | 0.3  | 12.0             | grey       | 250  | 9026010000 |

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 22-14)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

## Strip of wire end ferrules



## Ordering data

| Type     | Ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour | Qty. | Order No.  |
|----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|--------|------|------------|
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | orange | 500  | 9004270000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | white  | 500  | 9004290000 |
| H1.0/14  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | yellow | 500  | 9004320000 |
| H1.5/14  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | red    | 500  | 9004340000 |
| H2.5/14D | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | blue   | 500  | 9004360000 |

## Weidmüller colour code

## Reel of wire end ferrules

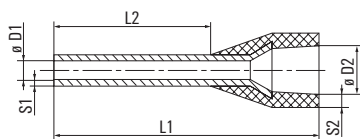


## Ordering data

| Type     | Ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour    | Qty. | Order No.  |
|----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|-----------|------|------------|
| H0.34/12 | 0.34              | 22  | 12.0 | 8.0 | 0.8 | 2.0 | 0.15 | 0.25 | 10.0             | turquoise | 5000 | 9004390000 |
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | orange    | 5000 | 9005810000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | white     | 5000 | 9005820000 |
| H1.0/14  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 11.0             | yellow    | 5000 | 9005830000 |
| H1.5/14  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | red       | 5000 | 9005840000 |
| H2.5/14D | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | blue      | 3000 | 9005850000 |

## Wire end ferrules

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 50 mm<sup>2</sup> (AWG 20-1)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

## DIN colour code

packed loose



## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1   | D2   | S1   | S2   | Stripping length | Colour   | VG*         | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|------|------|------|------|------------------|----------|-------------|------|------------|
| H0.5/12D  | 0.50              | 20  | 12.0 | 6.0  | 1.0  | 2.6  | 0.15 | 0.25 | 8.0              | ○ white  | T 20A 001 A | 500  | 9019000000 |
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0  | 2.6  | 0.15 | 0.25 | 10.0             | ○ white  | T 20A 002 A | 500  | 9019010000 |
| H0.5/16D  | 0.50              | 20  | 16.0 | 10.0 | 1.0  | 2.6  | 0.15 | 0.25 | 12.0             | ○ white  | T 20A 003 A | 500  | 9019020000 |
| H0.75/12D | 0.75              | 18  | 12.0 | 6.0  | 1.2  | 2.8  | 0.15 | 0.25 | 8.0              | ● grey   | T 20A 004 A | 500  | 9019030000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0  | 1.2  | 2.8  | 0.15 | 0.25 | 10.0             | ● grey   | T 20A 005 A | 500  | 9019040000 |
| H0.75/16D | 0.75              | 18  | 16.0 | 10.0 | 1.2  | 2.8  | 0.15 | 0.25 | 12.0             | ● grey   | T 20A 006 A | 500  | 9019050000 |
| H0.75/18D | 0.75              | 18  | 18.0 | 12.0 | 1.2  | 2.8  | 0.15 | 0.25 | 14.0             | ● grey   | T 20A 007 A | 500  | 9019060000 |
| H1.0/12D  | 1.00              | 17  | 12.0 | 6.0  | 1.4  | 3.0  | 0.15 | 0.25 | 8.0              | ● red    | T 20A 008 A | 500  | 9019070000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4  | 3.0  | 0.15 | 0.25 | 10.0             | ● red    | T 20A 009 A | 500  | 9019080000 |
| H1.0/16D  | 1.00              | 17  | 16.0 | 10.0 | 1.4  | 3.0  | 0.15 | 0.25 | 12.0             | ● red    | T 20A 010 A | 500  | 9019100000 |
| H1.0/18D  | 1.00              | 17  | 18.0 | 12.0 | 1.4  | 3.0  | 0.15 | 0.25 | 15.0             | ● red    | T 20A 011 A | 500  | 9019110000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7  | 3.5  | 0.15 | 0.25 | 10.0             | ● black  | T 20A 012 A | 500  | 9019120000 |
| H1.5/16D  | 1.50              | 16  | 16.0 | 10.0 | 1.7  | 3.5  | 0.15 | 0.25 | 12.0             | ● black  | T 20A 013 A | 500  | 9019130000 |
| H1.5/18D  | 1.50              | 16  | 18.0 | 12.0 | 1.7  | 3.5  | 0.15 | 0.25 | 15.0             | ● black  | T 20A 014 A | 500  | 9019140000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7  | 3.5  | 0.15 | 0.25 | 20.0             | ● black  | T 20A 015 A | 500  | 9019150000 |
| H2.5/15D  | 2.50              | 14  | 15.0 | 8.0  | 2.2  | 4.2  | 0.15 | 0.25 | 10.0             | ● blue   | T 20A 016 A | 500  | 9019160000 |
| H2.5/19D  | 2.50              | 14  | 19.0 | 12.0 | 2.2  | 4.2  | 0.15 | 0.25 | 14.0             | ● blue   | T 20A 017 A | 500  | 9019170000 |
| H2.5/25D  | 2.50              | 14  | 25.0 | 18.0 | 2.2  | 4.2  | 0.15 | 0.25 | 20.0             | ● blue   | T 20A 018 A | 500  | 9019180000 |
| H4.0/18D  | 4.00              | 12  | 18.0 | 10.0 | 2.8  | 4.8  | 0.2  | 0.3  | 12.0             | ● grey   | T 20A 019 A | 500  | 9019190000 |
| H4.0/20D  | 4.00              | 12  | 20.0 | 12.0 | 2.8  | 4.8  | 0.2  | 0.3  | 14.0             | ● grey   | T 20A 020 A | 500  | 9019200000 |
| H4.0/26D  | 4.00              | 12  | 26.0 | 18.0 | 2.8  | 4.8  | 0.2  | 0.3  | 20.0             | ● grey   | T 20A 021 A | 100  | 9019210000 |
| H6.0/20D  | 6.00              | 10  | 20.0 | 12.0 | 3.5  | 6.3  | 0.2  | 0.3  | 14.0             | ● yellow | T 20A 022 A | 100  | 9019220000 |
| H6.0/26D  | 6.00              | 10  | 26.0 | 18.0 | 3.5  | 6.3  | 0.2  | 0.3  | 20.0             | ● yellow | T 20A 023 A | 100  | 9019230000 |
| H10.0/22D | 10.00             | 7   | 22.0 | 12.0 | 4.5  | 7.6  | 0.2  | 0.4  | 15.0             | ● red    | T 20A 024 A | 100  | 9019240000 |
| H10.0/28D | 10.00             | 7   | 28.0 | 18.0 | 4.5  | 7.6  | 0.2  | 0.4  | 21.0             | ● red    | T 20A 025 A | 100  | 9019250000 |
| H16.0/22D | 16.00             | 6   | 22.0 | 12.0 | 5.8  | 8.8  | 0.2  | 0.4  | 15.0             | ● blue   | T 20A 026 A | 100  | 9019260000 |
| H16.0/28D | 16.00             | 6   | 28.0 | 18.0 | 5.8  | 8.8  | 0.2  | 0.4  | 21.0             | ● blue   | T 20A 027 A | 100  | 9019270000 |
| H25.0/30D | 25.00             | 3   | 30.0 | 16.0 | 7.3  | 11.2 | 0.2  | 0.4  | 18.0             | ● yellow | T 20A 028 A | 50   | 9019280000 |
| H25.0/36D | 25.00             | 3   | 36.0 | 22.0 | 7.3  | 11.2 | 0.2  | 0.4  | 24.0             | ● yellow | T 20A 030 A | 50   | 9019300000 |
| H35.0/32D | 35.00             | 2   | 32.0 | 18.0 | 8.3  | 12.7 | 0.2  | 0.4  | 21.0             | ● red    | T 20A 032 A | 50   | 9019320000 |
| H35.0/30D | 35.00             | 2   | 30.0 | 16.0 | 8.3  | 12.7 | 0.2  | 0.4  | 19.0             | ● red    | T 20A 031 A | 50   | 9019310000 |
| H35.0/39D | 35.00             | 2   | 39.0 | 25.0 | 8.3  | 12.7 | 0.2  | 0.4  | 28.0             | ● red    | T 20A 033 A | 50   | 9019330000 |
| H50.0/36D | 50.00             | 1   | 36.0 | 20.0 | 10.3 | 15.0 | 0.3  | 0.5  | 26.0             | ● blue   | T 20A 034 A | 50   | 9019340000 |
| H50.0/41D | 50.00             | 1   | 41.0 | 25.0 | 10.3 | 15.0 | 0.3  | 0.5  | 31.0             | ● blue   | T 20A 035 A | 50   | 9019350000 |

## DIN colour code

in multipack bag



## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour  | VG*         | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|-----|------|------|------------------|---------|-------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white | T 20A 002 A | 500  | 9019400000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● grey  | T 20A 005 A | 500  | 9019410000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red   | T 20A 009 A | 500  | 9019420000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | ● black | T 20A 012 A | 500  | 9019430000 |
| H2.5/15   | 2.50              | 14  | 15.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | ● blue  | T 20A 016 A | 500  | 9026100000 |
| H4.0/18   | 4.00              | 12  | 18.0 | 10.0 | 2.8 | 4.8 | 0.2  | 0.3  | 12.0             | ● grey  | 019 A       | 250  | 9026010000 |

## DIN colour code

Strip of wire end ferrules

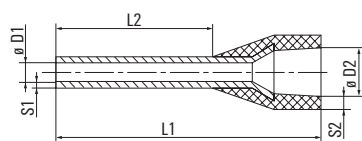


## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour  | VG*         | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|---------|-------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white | T 20A 002 A | 500  | 9004280000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● grey  | T 20A 005 A | 500  | 9004300000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red   | T 20A 009 A | 500  | 9004330000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black | T 20A 012 A | 500  | 9004350000 |
| H2.5/14D  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● blue  | T 20A 016 A | 500  | 9004360000 |

VG\* = Military designation according to VG 96933-20

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

## DIN colour code

## Reel of wire end ferrules



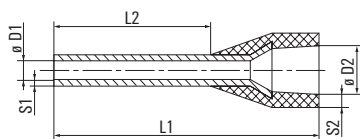
## Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour  | VG* | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|---------|-----|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white |     | 5000 | 9005860000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● grey  |     | 5000 | 9005870000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 11.0             | ● red   |     | 5000 | 9005880000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black |     | 5000 | 9005890000 |
| H2.5/14D  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● blue  |     | 3000 | 9005850000 |



## Wire end ferrules

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.14 to 25 mm<sup>2</sup> (AWG 26-3)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

## other colour code

## packed loose



## Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2   | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|------|------|------|------------------|--------------|------|------------|
| H0.25/10T | 0.25              | 24  | 10.0 | 6.0  | 0.8 | 1.8  | 0.15 | 0.25 | 8.0              | ● yellow     | 500  | 9021010000 |
| H0.25/12T | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8  | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9021020000 |
| H0.5/12D  | 0.50              | 20  | 12.0 | 6.0  | 1.0 | 2.6  | 0.15 | 0.25 | 8.0              | ○ white      | 500  | 9019000000 |
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6  | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9019010000 |
| H0.5/16D  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.6  | 0.15 | 0.25 | 12.0             | ○ white      | 500  | 9019020000 |
| H0.75/12T | 0.75              | 18  | 12.0 | 6.0  | 1.2 | 2.8  | 0.15 | 0.25 | 8.0              | ● light blue | 500  | 9021030000 |
| H0.75/14  | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8  | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9021040000 |
| H0.75/16T | 0.75              | 18  | 16.0 | 10.0 | 1.2 | 2.8  | 0.15 | 0.25 | 12.0             | ● light blue | 500  | 9021050000 |
| H0.75/18T | 0.75              | 18  | 18.0 | 12.0 | 1.2 | 2.8  | 0.15 | 0.25 | 14.0             | ● light blue | 500  | 9021060000 |
| H1.0/12D  | 1.00              | 17  | 12.0 | 6.0  | 1.4 | 3.0  | 0.15 | 0.25 | 8.0              | ● red        | 500  | 9019070000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0  | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9019080000 |
| H1.0/16D  | 1.00              | 17  | 16.0 | 10.0 | 1.4 | 3.0  | 0.15 | 0.25 | 12.0             | ● red        | 500  | 9019100000 |
| H1.0/18D  | 1.00              | 17  | 18.0 | 12.0 | 1.4 | 3.0  | 0.15 | 0.25 | 15.0             | ● red        | 500  | 9019110000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5  | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9019120000 |
| H1.5/16D  | 1.50              | 16  | 16.0 | 10.0 | 1.7 | 3.5  | 0.15 | 0.25 | 12.0             | ● black      | 500  | 9019130000 |
| H1.5/18D  | 1.50              | 16  | 18.0 | 12.0 | 1.7 | 3.5  | 0.15 | 0.25 | 15.0             | ● black      | 500  | 9019140000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7 | 3.5  | 0.15 | 0.25 | 20.0             | ● black      | 500  | 9019150000 |
| H2.5/15T  | 2.50              | 14  | 15.0 | 8.0  | 2.2 | 4.2  | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9021070000 |
| H2.5/19T  | 2.50              | 14  | 19.0 | 12.0 | 2.2 | 4.2  | 0.15 | 0.25 | 14.0             | ● grey       | 500  | 9021080000 |
| H2.5/25T  | 2.50              | 14  | 25.0 | 18.0 | 2.2 | 4.2  | 0.15 | 0.25 | 20.0             | ● grey       | 500  | 9021090000 |
| H4.0/18T  | 4.00              | 12  | 18.0 | 10.0 | 2.8 | 4.8  | 0.2  | 0.3  | 12.0             | ● orange     | 500  | 9021100000 |
| H4.0/20T  | 4.00              | 12  | 20.0 | 12.0 | 2.8 | 4.8  | 0.2  | 0.3  | 14.0             | ● orange     | 500  | 9021110000 |
| H4.0/26T  | 4.00              | 12  | 26.0 | 18.0 | 2.8 | 4.8  | 0.2  | 0.3  | 20.0             | ● orange     | 100  | 9021120000 |
| H6.0/20T  | 6.00              | 10  | 20.0 | 12.0 | 3.5 | 6.3  | 0.2  | 0.3  | 14.0             | ● green      | 100  | 9021130000 |
| H6.0/26T  | 6.00              | 10  | 26.0 | 18.0 | 3.5 | 6.3  | 0.2  | 0.3  | 20.0             | ● green      | 100  | 9021140000 |
| H10.0/22T | 10.00             | 7   | 22.0 | 12.0 | 4.5 | 7.6  | 0.2  | 0.4  | 15.0             | ● brown      | 100  | 9021150000 |
| H10.0/28T | 10.00             | 7   | 28.0 | 18.0 | 4.5 | 7.6  | 0.2  | 0.4  | 21.0             | ● brown      | 100  | 9021160000 |
| H16.0/22T | 16.00             | 6   | 22.0 | 12.0 | 5.8 | 8.8  | 0.2  | 0.4  | 15.0             | ○ white      | 100  | 9021170000 |
| H16.0/28T | 16.00             | 6   | 28.0 | 18.0 | 5.8 | 8.8  | 0.2  | 0.4  | 21.0             | ○ white      | 100  | 9021180000 |
| H25.0/30T | 25.00             | 3   | 30.0 | 16.0 | 7.3 | 11.2 | 0.2  | 0.4  | 18.0             | ● black      | 50   | 9021190000 |
| H25.0/36T | 25.00             | 3   | 36.0 | 22.0 | 7.3 | 11.2 | 0.2  | 0.4  | 24.0             | ● black      | 50   | 9021200000 |

## other colour code

## in multipack bag



## Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|-----|------|------|------------------|--------------|------|------------|
| H0.14/10T | 0.14              | 26  | 10.0 | 6.0  | 0.6 | 1.5 | 0.15 | 0.25 | 8.0              | ● brown      | 500  | 9028250000 |
| H0.25/10T | 0.25              | 24  | 10.0 | 6.0  | 0.8 | 1.8 | 0.15 | 0.25 | 8.0              | ● yellow     | 500  | 9021210000 |
| H0.25/12T | 0.25              | 24  | 12.0 | 8.0  | 0.8 | 1.8 | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9021220000 |
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9019400000 |
| H0.75/14T | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9021230000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9019420000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.5 | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9019430000 |
| H1.5/24D  | 1.50              | 16  | 24.0 | 18.0 | 1.7 | 3.5 | 0.15 | 0.25 | 20.0             | ● black      | 500  | 9004140000 |
| H2.5/15T  | 2.50              | 14  | 15.0 | 8.0  | 2.2 | 4.2 | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9021240000 |
| H4.0/18T  | 4.00              | 12  | 18.0 | 10.0 | 2.8 | 4.8 | 0.2  | 0.3  | 12.0             | ● orange     | 250  | 9021250000 |

## other colour code

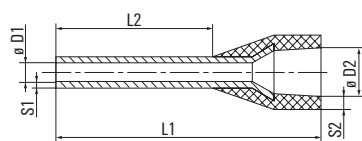
## Strip of wire end ferrules



## Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|--------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9004280000 |
| H0.75/14T | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9004310000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9004330000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9004350000 |
| H2.5/14T  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● grey       | 500  | 9004370000 |

## Wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)  
 Tin-plated copper  
 Dimensional tolerances to DIN 46228 part 4

## other colour code

## Reel of wire end ferrules

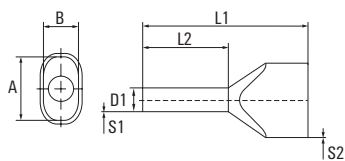


## Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|--------------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0 | 1.0 | 2.6 | 0.15 | 0.25 | 10.0             | ○ white      | 5000 | 9005860000 |
| H0.75/14T | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ● light blue | 5000 | 9005900000 |
| H1.0/14D  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.0 | 0.15 | 0.25 | 11.0             | ● red        | 5000 | 9005880000 |
| H1.5/14D  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.2 | 0.15 | 0.25 | 10.0             | ● black      | 5000 | 9005890000 |
| H2.5/14T  | 2.50              | 14  | 14.0 | 8.0 | 2.2 | 4.0 | 0.15 | 0.25 | 11.0             | ● grey       | 3000 | 9005910000 |

## Wire end ferrules

## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 2 No. 0.5 to 2 No. 16 mm<sup>2</sup>  
(2 No. AWG 20 to 2 No. AWG 6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose



## Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | S1   | S2  | A    | B   | Stripping length | Colour   | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|------|-----|------|-----|------------------|----------|------|------------|
| H0.5/14   | 0.50              | 20  | 14.0 | 8.0  | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 11.0             | ● orange | 500  | 9037200000 |
| H0.5/16   | 0.50              | 20  | 16.0 | 10.0 | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 13.0             | ● orange | 500  | 9037210000 |
| H0.5/18   | 0.50              | 20  | 18.0 | 12.0 | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 15.0             | ● orange | 500  | 9037220000 |
| H0.75/14  | 0.75              | 18  | 14.0 | 8.0  | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 11.0             | ○ white  | 500  | 9037230000 |
| H0.75/16  | 0.75              | 18  | 16.0 | 10.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 13.0             | ○ white  | 500  | 9037240000 |
| H0.75/19S | 0.75              | 18  | 19.0 | 12.0 | 1.4 | 0.15 | 0.3 | 5.5  | 3.0 | 21.0             | ○ white  | 500  | 9202820000 |
| H0.75/24  | 0.75              | 18  | 24.0 | 18.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 21.0             | ○ white  | 500  | 9037250000 |
| H1.0/15   | 1.00              | 17  | 15.0 | 8.0  | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● yellow | 500  | 9037260000 |
| H1.0/15S  | 1.00              | 17  | 16.0 | 8.0  | 2.2 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● yellow | 500  | 9018690000 |
| H1.0/19   | 1.00              | 17  | 19.0 | 12.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 16.0             | ● yellow | 500  | 9037270000 |
| H1.0/25   | 1.00              | 17  | 25.0 | 18.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 22.0             | ● yellow | 500  | 9037280000 |
| H1.5/16   | 1.50              | 16  | 16.0 | 8.2  | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 11.0             | ● red    | 500  | 9037290000 |
| H1.5/20   | 1.50              | 16  | 20.0 | 12.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 15.0             | ● red    | 500  | 9018690000 |
| H1.5/26   | 1.50              | 16  | 26.0 | 18.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 21.0             | ● red    | 100  | 9037310000 |
| H2.5/19D  | 2.50              | 14  | 19.0 | 10.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 13.0             | ● blue   | 500  | 9037500000 |
| H2.5/21D  | 2.50              | 14  | 21.0 | 12.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 15.0             | ● blue   | 100  | 9037510000 |
| H2.5/27D  | 2.50              | 14  | 27.0 | 18.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 21.0             | ● blue   | 100  | 9037520000 |
| H4.0/22D  | 4.00              | 12  | 22.0 | 12.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 15.0             | ● grey   | 100  | 9037530000 |
| H4.0/28D  | 4.00              | 12  | 28.0 | 18.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 21.0             | ● grey   | 100  | 9037540000 |
| H6.0/23   | 6.00              | 10  | 23.0 | 12.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 20.0             | ● black  | 100  | 9037320000 |
| H6.0/29   | 6.00              | 10  | 29.0 | 18.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 24.0             | ● black  | 100  | 9037330000 |
| H10.0/24S | 10.00             | 7   | 24.0 | 12.0 | 6.5 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● ivory  | 100  | 9018860000 |
| H10.0/24  | 10.00             | 7   | 24.0 | 12.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● ivory  | 100  | 9037340000 |
| H10.0/30  | 10.00             | 7   | 30.0 | 18.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 23.0             | ● ivory  | 100  | 9037350000 |
| H10.0/30S | 10.00             | 7   | 30.0 | 18.0 | 6.5 | 0.2  | 0.5 | 13.4 | 7.6 | 23.0             | ● ivory  | 100  | 9018870000 |
| H16.0/29  | 16.00             | 6   | 29.0 | 16.0 | 8.3 | 0.3  | 0.6 | 17.2 | 9.5 | 20.0             | ● green  | 50   | 9037360000 |
| H16.0/38  | 16.00             | 6   | 38.0 | 25.0 | 8.3 | 0.3  | 0.6 | 17.2 | 9.5 | 29.0             | ● green  | 50   | 9037370000 |

## Weidmüller colour code

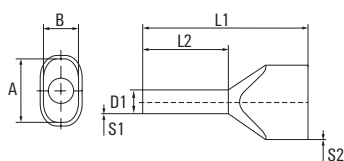
in multipack bag



## Ordering data

| Type     | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | S1   | S2  | A    | B   | Stripping length | Colour   | Qty. | Order No.  |
|----------|-------------------|-----|------|------|-----|------|-----|------|-----|------------------|----------|------|------------|
| H0.5/14  | 0.50              | 20  | 14.0 | 8.0  | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 11.0             | ● orange | 500  | 9004440000 |
| H0.75/14 | 0.75              | 18  | 14.0 | 8.0  | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 11.0             | ○ white  | 500  | 9018510000 |
| H0.75/16 | 0.75              | 18  | 16.0 | 10.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 13.0             | ○ white  | 500  | 9004900000 |
| H1.0/15  | 1.00              | 17  | 15.0 | 8.0  | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● yellow | 500  | 9018530000 |
| H1.0/15S | 1.00              | 17  | 16.0 | 8.0  | 2.2 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● yellow | 500  | 9018650000 |
| H1.0/19  | 1.00              | 17  | 19.0 | 12.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 16.0             | ● yellow | 500  | 9004910000 |
| H1.5/16  | 1.50              | 16  | 16.0 | 8.2  | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 11.0             | ● red    | 500  | 9004410000 |
| H1.5/20  | 1.50              | 16  | 20.0 | 12.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 15.0             | ● red    | 500  | 9004920000 |
| H2.5/19D | 2.50              | 14  | 19.0 | 10.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 13.0             | ● blue   | 250  | 9004430000 |
| H2.5/21D | 2.50              | 14  | 21.0 | 12.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 15.0             | ● blue   | 250  | 9004740000 |
| H4.0/22D | 4.00              | 12  | 22.0 | 12.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 15.0             | ● grey   | 100  | 9004730000 |
| H6.0/23  | 6.00              | 10  | 23.0 | 12.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 20.0             | ● black  | 100  | 9004930000 |
| H10.0/24 | 10.00             | 7   | 24.0 | 12.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● ivory  | 100  | 9004940000 |

## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 2 No. 0.5 to 2 No. 16 mm<sup>2</sup>  
(2 No. AWG 20 to 2 No. AWG 6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## DIN colour code

## packed loose



## Ordering data

| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | S1   | S2  | A    | B   | Stripping length | Colour   | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|------|-----|------|-----|------------------|----------|------|------------|
| H0.5/14D   | 0.50              | 20  | 14.0 | 8.0  | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 11.0             | ○ white  | 500  | 9037380000 |
| H0.5/16D   | 0.50              | 20  | 16.0 | 10.0 | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 13.0             | ○ white  | 500  | 9037390000 |
| H0.5/18D   | 0.50              | 20  | 18.0 | 12.0 | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 15.0             | ○ white  | 500  | 9037400000 |
| H0.75/14D  | 0.75              | 18  | 14.0 | 8.0  | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 11.0             | ● grey   | 500  | 9037410000 |
| H0.75/16D  | 0.75              | 18  | 16.0 | 10.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 13.0             | ● grey   | 500  | 9037420000 |
| H0.75/19DS | 0.75              | 18  | 19.0 | 12.0 | 1.4 | 0.15 | 0.3 | 5.5  | 3.0 | 21.0             | ● grey   | 500  | 9202830000 |
| H0.75/24D  | 0.75              | 18  | 24.0 | 18.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 21.0             | ● grey   | 500  | 9037430000 |
| H1.0/15D   | 1.00              | 17  | 15.0 | 8.0  | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● red    | 500  | 9037440000 |
| H1.0/19D   | 1.00              | 17  | 19.0 | 12.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 16.0             | ● red    | 500  | 9037450000 |
| H1.0/25D   | 1.00              | 17  | 25.0 | 18.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 22.0             | ● red    | 500  | 9037460000 |
| H1.5/16D   | 1.50              | 16  | 16.0 | 8.0  | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 11.0             | ● black  | 500  | 9037470000 |
| H1.5/20D   | 1.50              | 16  | 20.0 | 12.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 15.0             | ● black  | 500  | 9037480000 |
| H1.5/26D   | 1.50              | 16  | 26.0 | 18.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 21.0             | ● black  | 100  | 9037490000 |
| H2.5/19D   | 2.50              | 14  | 19.0 | 10.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 13.0             | ● blue   | 500  | 9037500000 |
| H2.5/21D   | 2.50              | 14  | 21.0 | 12.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 15.0             | ● blue   | 100  | 9037510000 |
| H2.5/27D   | 2.50              | 14  | 27.0 | 18.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 21.0             | ● blue   | 100  | 9037520000 |
| H4.0/22D   | 4.00              | 12  | 22.0 | 12.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 15.0             | ● grey   | 100  | 9037530000 |
| H4.0/28D   | 4.00              | 12  | 28.0 | 18.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 21.0             | ● grey   | 100  | 9037540000 |
| H6.0/23D   | 6.00              | 10  | 23.0 | 12.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 20.0             | ● yellow | 100  | 9037550000 |
| H6.0/29D   | 6.00              | 10  | 29.0 | 18.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 24.0             | ● yellow | 100  | 9037560000 |
| H10.0/24DS | 10.00             | 7   | 24.0 | 12.0 | 6.5 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● red    | 100  | 9018880000 |
| H10.0/24D  | 10.00             | 7   | 24.0 | 12.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● red    | 100  | 9037570000 |
| H10.0/30D  | 10.00             | 7   | 30.0 | 18.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 23.0             | ● red    | 100  | 9037580000 |
| H10.0/30DS | 10.00             | 7   | 30.0 | 18.0 | 6.5 | 0.2  | 0.5 | 13.4 | 7.6 | 23.0             | ● red    | 100  | 9018890000 |
| H16.0/29D  | 16.00             | 6   | 29.0 | 16.0 | 8.3 | 0.3  | 0.6 | 17.2 | 9.5 | 20.0             | ● blue   | 50   | 9037590000 |
| H16.0/38D  | 16.00             | 6   | 38.0 | 25.0 | 8.3 | 0.3  | 0.6 | 17.2 | 9.5 | 29.0             | ● blue   | 50   | 9037600000 |

## DIN colour code

## in multipack bag

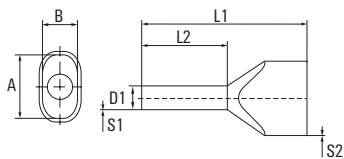


## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | S1   | S2  | A    | B   | Stripping length | Colour   | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|------|-----|------|-----|------------------|----------|------|------------|
| H0.5/14D  | 0.50              | 20  | 14.0 | 8.0  | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 11.0             | ○ white  | 500  | 9004780000 |
| H0.75/14D | 0.75              | 18  | 14.0 | 8.0  | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 11.0             | ● grey   | 500  | 9018520000 |
| H0.75/16D | 0.75              | 18  | 16.0 | 10.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 13.0             | ● grey   | 500  | 9004770000 |
| H1.0/15D  | 1.00              | 17  | 16.0 | 8.0  | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● red    | 500  | 9018540000 |
| H1.0/19D  | 1.00              | 17  | 19.0 | 12.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 16.0             | ● red    | 500  | 9004760000 |
| H1.5/16D  | 1.50              | 16  | 16.0 | 8.0  | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 11.0             | ● black  | 500  | 9004420000 |
| H1.5/20D  | 1.50              | 16  | 20.0 | 12.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 15.0             | ● black  | 500  | 9004750000 |
| H2.5/19D  | 2.50              | 14  | 19.0 | 10.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 13.0             | ● blue   | 250  | 9004430000 |
| H2.5/21D  | 2.50              | 14  | 21.0 | 12.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 15.0             | ● blue   | 250  | 9004740000 |
| H4.0/22D  | 4.00              | 12  | 22.0 | 12.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 15.0             | ● grey   | 100  | 9004730000 |
| H6.0/23D  | 6.00              | 10  | 23.0 | 12.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 20.0             | ● yellow | 100  | 9004720000 |
| H10.0/26D | 10.00             | 7   | 24.0 | 12.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● red    | 100  | 9004710000 |

## Wire end ferrules

## Twin-wire end ferrules with plastic collar



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 2 No. 0.5 to 2 No. 16 mm<sup>2</sup>  
(2 No. AWG 20 to 2 No. AWG 6)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

## other colour code

## packed loose



## Ordering data

| Type       | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | S1   | S2  | A    | B   | Stripping length | Colour       | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|------|-----|------|-----|------------------|--------------|------|------------|
| H0.5/14    | 0.50              | 20  | 14.0 | 8.0  | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 11.0             | ● orange     | 500  | 9037200000 |
| H0.5/16    | 0.50              | 20  | 16.0 | 10.0 | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 13.0             | ● orange     | 500  | 9037210000 |
| H0.5/18    | 0.50              | 20  | 18.0 | 12.0 | 1.4 | 0.15 | 0.3 | 5.0  | 3.0 | 15.0             | ● orange     | 500  | 9037220000 |
| H0.75/14T  | 0.75              | 18  | 14.0 | 8.0  | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 11.0             | ● light blue | 500  | 9037610000 |
| H0.75/16T  | 0.75              | 18  | 16.0 | 10.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 13.0             | ● light blue | 500  | 9037620000 |
| H0.75/19TS | 0.75              | 18  | 19.0 | 12.0 | 1.4 | 0.15 | 0.3 | 5.5  | 3.0 | 21.0             | ● light blue | 500  | 9202840000 |
| H0.75/24T  | 0.75              | 18  | 24.0 | 18.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 21.0             | ● light blue | 500  | 9037630000 |
| H1.0/15D   | 1.00              | 17  | 15.0 | 8.0  | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● red        | 500  | 9037440000 |
| H1.0/19D   | 1.00              | 17  | 19.0 | 12.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 16.0             | ● red        | 500  | 9037450000 |
| H1.0/25D   | 1.00              | 17  | 25.0 | 18.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 22.0             | ● red        | 500  | 9037460000 |
| H1.5/16D   | 1.50              | 16  | 16.0 | 8.0  | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 11.0             | ● black      | 500  | 9037470000 |
| H1.5/20D   | 1.50              | 16  | 20.0 | 12.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 15.0             | ● black      | 500  | 9037480000 |
| H1.5/26D   | 1.50              | 16  | 26.0 | 18.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 21.0             | ● black      | 100  | 9037490000 |
| H2.5/19T   | 2.50              | 14  | 19.0 | 10.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 13.0             | ● grey       | 500  | 9037640000 |
| H2.5/21T   | 2.50              | 14  | 21.0 | 12.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 15.0             | ● grey       | 100  | 9037650000 |
| H2.5/27T   | 2.50              | 14  | 27.0 | 18.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 21.0             | ● grey       | 100  | 9037660000 |
| H4.0/22T   | 4.00              | 12  | 22.0 | 12.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 15.0             | ● orange     | 100  | 9037670000 |
| H4.0/28T   | 4.00              | 12  | 28.0 | 18.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 21.0             | ● orange     | 100  | 9037680000 |
| H6.0/23T   | 6.00              | 10  | 23.0 | 12.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 20.0             | ● green      | 100  | 9037690000 |
| H6.0/29T   | 6.00              | 10  | 29.0 | 18.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 24.0             | ● green      | 100  | 9037700000 |
| H10.0/24T  | 10.00             | 7   | 24.0 | 12.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● brown      | 100  | 9037710000 |
| H10.0/30T  | 10.00             | 7   | 30.0 | 18.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 23.0             | ● brown      | 100  | 9037720000 |
| H16.0/29T  | 16.00             | 6   | 29.0 | 16.0 | 8.3 | 0.3  | 0.6 | 17.2 | 9.5 | 20.0             | ○ white      | 50   | 9037730000 |
| H16.0/38T  | 16.00             | 6   | 38.0 | 25.0 | 8.3 | 0.3  | 0.6 | 17.2 | 9.5 | 29.0             | ○ white      | 50   | 9037740000 |

## other colour code

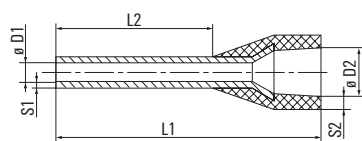
## in multipack bag



## Ordering data

| Type      | ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | S1   | S2  | A    | B   | Stripping length | Colour       | Qty. | Order No.  |
|-----------|-------------------|-----|------|------|-----|------|-----|------|-----|------------------|--------------|------|------------|
| H0.75/16T | 0.75              | 18  | 16.0 | 10.0 | 1.7 | 0.15 | 0.3 | 5.5  | 3.0 | 13.0             | ● light blue | 500  | 9005140000 |
| H1.0/15D  | 1.00              | 17  | 16.0 | 8.0  | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 12.0             | ● red        | 500  | 9018540000 |
| H1.0/19D  | 1.00              | 17  | 19.0 | 12.0 | 2.0 | 0.15 | 0.3 | 5.8  | 3.2 | 16.0             | ● red        | 500  | 9004760000 |
| H1.5/16D  | 1.50              | 16  | 16.0 | 8.0  | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 11.0             | ● black      | 500  | 9004420000 |
| H1.5/20D  | 1.50              | 16  | 20.0 | 12.0 | 2.2 | 0.15 | 0.3 | 6.5  | 3.6 | 15.0             | ● black      | 500  | 9004750000 |
| H2.5/19T  | 2.50              | 14  | 19.0 | 10.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 13.0             | ● grey       | 250  | 9018580000 |
| H2.5/21   | 2.50              | 14  | 21.0 | 12.0 | 2.8 | 0.15 | 0.4 | 8.0  | 4.5 | 15.0             | ● grey       | 250  | 9005150000 |
| H4.0/22T  | 4.00              | 12  | 22.0 | 12.0 | 3.5 | 0.2  | 0.5 | 9.0  | 5.2 | 15.0             | ● orange     | 100  | 9018590000 |
| H6.0/23T  | 6.00              | 10  | 23.0 | 12.0 | 4.5 | 0.2  | 0.5 | 11.4 | 6.2 | 20.0             | ● green      | 100  | 9005160000 |
| H10.0/26T | 10.00             | 7   | 24.0 | 12.0 | 5.8 | 0.2  | 0.5 | 13.4 | 7.6 | 17.0             | ● brown      | 100  | 9005170000 |

## Wire end ferrules for short-circuit and earth-fault-proof cables



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 1.5 to 16 mm<sup>2</sup> (AWG 16-6)  
Tin-plated copper  
Dimensional tolerances to DIN 46228 part 4

## Weidmüller colour code

packed loose



## Ordering data

| Type         | Ø mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2  | Stripping length | Colour  | Qty. | Order No.  |
|--------------|-------------------|-----|------|-----|-----|-----|------|-----|------------------|---------|------|------------|
| H1.5/17.5 XS | 1.50              | 16  | 17.5 | 8.0 | 1.8 | 6.8 | 0.15 | 0.3 | 20.0             | ● black | 100  | 9202870000 |
| H2.5/17.5 XS | 2.50              | 14  | 17.5 | 8.0 | 2.3 | 7.6 | 0.15 | 0.3 | 20.0             | ● blue  | 100  | 9202880000 |

## Weidmüller colour code

in multipack bag

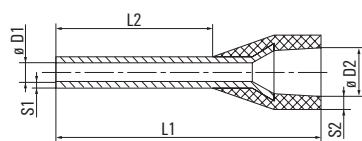


## Ordering data

| Type        | Ø mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2   | S1   | S2  | Stripping length | Colour   | Qty. | Order No.  |
|-------------|-------------------|-----|------|------|-----|------|------|-----|------------------|----------|------|------------|
| H1.5/17.5X  | 1.50              | 16  | 17.5 | 8.0  | 1.8 | 6.8  | 0.15 | 0.3 | 13.0             | ● black  | 100  | 9006590000 |
| H1.5/19.5X  | 1.50              | 16  | 19.5 | 10.0 | 1.8 | 6.8  | 0.15 | 0.3 | 15.0             | ● black  | 100  | 9006630000 |
| H2.5/17.5X  | 2.50              | 14  | 17.5 | 8.0  | 2.3 | 7.6  | 0.15 | 0.3 | 14.0             | ● blue   | 100  | 9006670000 |
| H2.5/21.5X  | 2.50              | 14  | 21.5 | 12.0 | 2.3 | 7.6  | 0.15 | 0.3 | 17.0             | ● blue   | 100  | 9006710000 |
| H4.0/19.5X  | 4.00              | 12  | 19.5 | 10.0 | 2.9 | 7.8  | 0.2  | 0.3 | 14.0             | ● grey   | 100  | 9006750000 |
| H6.0/23.0X  | 6.00              | 10  | 23.0 | 12.0 | 3.6 | 8.1  | 0.2  | 0.3 | 17.0             | ● yellow | 100  | 9006790000 |
| H10.0/24.0X | 10.00             | 7   | 24.0 | 12.0 | 4.6 | 9.6  | 0.2  | 0.3 | 17.0             | ● red    | 100  | 9006830000 |
| H16.0/25.5X | 16.00             | 6   | 25.5 | 12.0 | 6.0 | 11.9 | 0.2  | 0.3 | 26.0             | ● blue   | 100  | 9006870000 |

## Wire end ferrules

### Wire end ferrules with plastic collar, special sizes



- Polypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from a non-flammable material on request

For conductors from 0.5 to 2.5 mm<sup>2</sup> (AWG 20-14)

Tin-plated copper

Dimensional tolerances to DIN 46228 part 4

### Weidmüller colour code

packed loose



### Ordering data

| Type       | σ mm <sup>2</sup> | AWG | L1   | L2   | D1  | D2  | S1   | S2   | Stripping length | Colour       | Qty. | Order No.  |
|------------|-------------------|-----|------|------|-----|-----|------|------|------------------|--------------|------|------------|
| H0.34/11S  | 0.34              | 22  | 11.0 | 6.0  | 0.8 | 2.6 | 0.15 | 0.40 | 6.0              | ● turquoise  | 500  | 9204090000 |
| H0.5/14S   | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.9 | 0.15 | 0.25 | 10.0             | ● orange     | 500  | 9004560000 |
| H0.5/14DS  | 0.50              | 20  | 14.0 | 8.0  | 1.0 | 2.9 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9004590000 |
| H0.5/16DS  | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.9 | 0.15 | 0.25 | 12.0             | ○ white      | 500  | 9202910000 |
| H0.5/16S   | 0.50              | 20  | 16.0 | 10.0 | 1.0 | 2.9 | 0.15 | 0.25 | 12.0             | ● orange     | 500  | 9202900000 |
| H0.75/14S  | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9025960000 |
| H0.75/14DS | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9028580000 |
| H0.75/14TS | 0.75              | 18  | 14.0 | 8.0  | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ● light blue | 500  | 9018550000 |
| H0.75/15S  | 0.75              | 18  | 15.0 | 9.0  | 1.2 | 2.8 | 0.15 | 0.25 | 10.0             | ○ white      | 500  | 9204240000 |
| H1.0/14S   | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.5 | 0.15 | 0.25 | 10.0             | ● yellow     | 500  | 9025970000 |
| H1.0/14DS  | 1.00              | 17  | 14.0 | 8.0  | 1.4 | 3.5 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9018560000 |
| H1.5/12S   | 1.50              | 16  | 12.0 | 6.0  | 1.7 | 3.5 | 0.15 | 0.25 | 8.0              | ● red        | 500  | 9025690000 |
| H1.5/14S   | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● red        | 500  | 9025980000 |
| H1.5/14DS  | 1.50              | 16  | 14.0 | 8.0  | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● black      | 500  | 9025240000 |
| H2.5/12DS  | 2.50              | 14  | 12.0 | 6.0  | 2.2 | 4.2 | 0.15 | 0.25 | 8.0              | ● blue       | 500  | 9028490000 |
| H2.5/12TS  | 2.50              | 14  | 12.0 | 6.0  | 2.2 | 4.2 | 0.15 | 0.25 | 8.0              | ● grey       | 500  | 9036200000 |
| H2.5/14S   | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.0 | 0.15 | 0.25 | 10.0             | ● blue       | 500  | 1333100000 |
| H2.5/14TS  | 2.50              | 14  | 14.0 | 8.0  | 2.2 | 4.0 | 0.15 | 0.25 | 10.0             | ● grey       | 500  | 9426770000 |
| H2.5/16DS  | 2.50              | 14  | 16.0 | 10.0 | 2.2 | 4.2 | 0.15 | 0.25 | 13.0             | ● blue       | 500  | 9036220000 |
| H4.0/20D   | 4.00              | 12  | 20.0 | 12.0 | 2.8 | 4.7 | 0.20 | 0.50 | 15.0             | ● grey       | 500  | 9203630000 |
| H10.0/22   | 10.00             | 7   | 22.0 | 12.0 | 4.5 | 7.1 | 0.20 | 0.60 | 15.0             | ● ivory      | 100  | 9203620000 |

### Weidmüller colour code

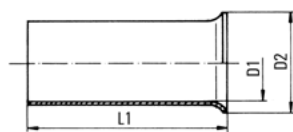
in multipack bag



### Ordering data

| Type      | σ mm <sup>2</sup> | AWG | L1   | L2  | D1  | D2  | S1   | S2   | Stripping length | Colour   | Qty. | Order No.  |
|-----------|-------------------|-----|------|-----|-----|-----|------|------|------------------|----------|------|------------|
| H0.75/14S | 0.75              | 18  | 14.0 | 8.0 | 1.2 | 3.4 | 0.15 | 0.25 | 10.0             | ○ white  | 500  | 9025700000 |
| H1.0/14S  | 1.00              | 17  | 14.0 | 8.0 | 1.4 | 3.5 | 0.15 | 0.25 | 10.0             | ● yellow | 500  | 9025710000 |
| H1.5/14DS | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● black  | 500  | 9028360000 |
| H1.5/14S  | 1.50              | 16  | 14.0 | 8.0 | 1.7 | 3.9 | 0.15 | 0.25 | 10.0             | ● red    | 500  | 9025720000 |

## Wire end ferrules without plastic collar

For conductors 0.25-185 mm<sup>2</sup> (AWG 24-350MCM)

Material: tin-plated copper

Dimensional tolerances to DIN 46228 part 1

## without plastic collar

## packed loose



## Ordering data

| Type      | σ mm <sup>2</sup> | AWG     | L1   | L2 | D1   | D2   | S1 | S2 | Stripping length | Colour | Qty. | Order No.  |
|-----------|-------------------|---------|------|----|------|------|----|----|------------------|--------|------|------------|
| H0.25/5   | 0.25              | 24      | 5.0  |    | 0.8  | 1.6  |    |    | 5.0              |        | 1000 | 9018910000 |
| H0.5/10   | 0.50              | 20      | 10.0 |    | 1.0  | 2.1  |    |    | 10.0             |        | 1000 | 9004050000 |
| H0.5/6    | 0.50              | 20      | 6.0  |    | 1.0  | 2.1  |    |    | 6.0              |        | 1000 | 0282600000 |
| H0.75/10  | 0.75              | 18      | 10.0 |    | 1.2  | 2.3  |    |    | 10.0             |        | 1000 | 0542500000 |
| H0.75/6   | 0.75              | 18      | 6.0  |    | 1.2  | 2.3  |    |    | 6.0              |        | 1000 | 0282700000 |
| H1.0/10   | 1.00              | 17      | 10.0 |    | 1.4  | 2.5  |    |    | 10.0             |        | 1000 | 0282800000 |
| H1.0/6    | 1.00              | 17      | 6.0  |    | 1.4  | 2.5  |    |    | 6.0              |        | 1000 | 0372600000 |
| H1.5/7    | 1.50              | 16      | 7.0  |    | 1.7  | 2.8  |    |    | 7.0              |        | 1000 | 0372700000 |
| H1.5/10   | 1.50              | 16      | 10.0 |    | 1.7  | 2.8  |    |    | 10.0             |        | 1000 | 0186500000 |
| H1.5/12   | 1.50              | 16      | 12.0 |    | 1.7  | 2.8  |    |    | 12.0             |        | 1000 | 9004060000 |
| H1.5/18   | 1.50              | 16      | 18.0 |    | 1.7  | 2.8  |    |    | 18.0             |        | 1000 | 9004070000 |
| H2.5/7    | 2.50              | 14      | 7.0  |    | 2.2  | 3.4  |    |    | 7.0              |        | 1000 | 0373000000 |
| H2.5/10   | 2.50              | 14      | 10.0 |    | 2.2  | 3.4  |    |    | 10.0             |        | 1000 | 9004080000 |
| H2.5/12   | 2.50              | 14      | 12.0 |    | 2.2  | 3.4  |    |    | 12.0             |        | 1000 | 0186100000 |
| H2.5/18   | 2.50              | 14      | 18.0 |    | 2.2  | 3.4  |    |    | 18.0             |        | 1000 | 9004090000 |
| H4.0/9    | 4.00              | 12      | 9.0  |    | 2.8  | 4.0  |    |    | 9.0              |        | 500  | 0373100000 |
| H4.0/15   | 4.00              | 12      | 15.0 |    | 2.8  | 4.0  |    |    | 15.0             |        | 500  | 9004100000 |
| H4.0/12   | 4.00              | 12      | 12.0 |    | 2.8  | 4.0  |    |    | 12.0             |        | 1000 | 0244100000 |
| H4.0/18   | 4.00              | 12      | 18.0 |    | 2.8  | 4.0  |    |    | 18.0             |        | 500  | 9004110000 |
| H6.0/10   | 6.00              | 10      | 10.0 |    | 3.5  | 4.7  |    |    | 10.0             |        | 500  | 9004120000 |
| H6.0/12   | 6.00              | 10      | 12.0 |    | 3.5  | 4.7  |    |    | 12.0             |        | 500  | 0191900000 |
| H6.0/15   | 6.00              | 10      | 15.0 |    | 3.5  | 4.7  |    |    | 15.0             |        | 500  | 0124700000 |
| H6.0/18   | 6.00              | 10      | 18.0 |    | 3.5  | 4.7  |    |    | 18.0             |        | 500  | 9004130000 |
| H10.0/12  | 10.00             | 7       | 12.0 |    | 4.5  | 5.8  |    |    | 12.0             |        | 500  | 0282900000 |
| H10.0/15  | 10.00             | 7       | 15.0 |    | 4.5  | 5.8  |    |    | 15.0             |        | 500  | 0124800000 |
| H10.0/18  | 10.00             | 7       | 18.0 |    | 4.5  | 5.8  |    |    | 18.0             |        | 500  | 0379300000 |
| H16.0/12  | 16.00             | 6       | 12.0 |    | 5.8  | 7.5  |    |    | 12.0             |        | 500  | 0492500000 |
| H16.0/15  | 16.00             | 6       | 15.0 |    | 5.8  | 7.5  |    |    | 15.0             |        | 500  | 0124300000 |
| H16.0/18  | 16.00             | 6       | 18.0 |    | 5.8  | 7.5  |    |    | 18.0             |        | 100  | 0375200000 |
| H16.0/25  | 16.00             | 6       | 25.0 |    | 5.8  | 7.5  |    |    | 25.0             |        | 100  | 9004150000 |
| H16.0/32  | 16.00             | 6       | 32.0 |    | 5.8  | 7.5  |    |    | 32.0             |        | 100  | 9004160000 |
| H25.0/15  | 25.00             | 3       | 15.0 |    | 7.3  | 9.5  |    |    | 15.0             |        | 250  | 0124400000 |
| H25.0/18  | 25.00             | 3       | 18.0 |    | 7.3  | 9.5  |    |    | 18.0             |        | 100  | 0375300000 |
| H25.0/25  | 25.00             | 3       | 25.0 |    | 7.3  | 9.5  |    |    | 25.0             |        | 250  | 9004170000 |
| H25.0/32  | 25.00             | 3       | 32.0 |    | 7.3  | 9.5  |    |    | 32.0             |        | 100  | 9004180000 |
| H35.0/18  | 35.00             | 2       | 18.0 |    | 8.3  | 11.0 |    |    | 18.0             |        | 100  | 0368900000 |
| H35.0/25  | 35.00             | 2       | 25.0 |    | 8.3  | 11.0 |    |    | 25.0             |        | 100  | 9004190000 |
| H35.0/30  | 35.00             | 2       | 30.0 |    | 8.3  | 11.0 |    |    | 30.0             |        | 100  | 9451000000 |
| H35.0/32  | 35.00             | 2       | 32.0 |    | 8.3  | 11.0 |    |    | 32.0             |        | 100  | 9004200000 |
| H50.0/18  | 50.00             | 1       | 18.0 |    | 10.3 | 13.0 |    |    | 18.0             |        | 100  | 9004210000 |
| H50.0/22  | 50.00             | 1       | 22.0 |    | 10.3 | 13.0 |    |    | 25.0             |        | 100  | 9025880000 |
| H50.0/32  | 50.00             | 1       | 32.0 |    | 10.3 | 13.0 |    |    | 32.0             |        | 100  | 9004220000 |
| H70.0/25  | 70.00             | 2/0     | 25.0 |    | 12.5 | 15.0 |    |    | 25.0             |        | 50   | 9004230000 |
| H70.0/32  | 70.00             | 2/0     | 32.0 |    | 12.5 | 15.0 |    |    | 32.0             |        | 50   | 9004240000 |
| H95.0/25  | 95.00             | 3/0     | 25.0 |    | 14.5 | 17.0 |    |    | 25.0             |        | 50   | 9004250000 |
| H95.0/32  | 95.00             | 3/0     | 32.0 |    | 14.5 | 17.0 |    |    | 32.0             |        | 50   | 9004260000 |
| H120.0/32 | 120.00            | 4/0     | 32.0 |    | 17.2 | 19.0 |    |    | 32.0             |        | 25   | 9036240000 |
| H150.0/32 | 150.00            | 300 MCM | 32.0 |    | 19.5 | 21.0 |    |    | 32.0             |        | 25   | 9036250000 |
| H185.0/32 | 185.00            | 350 MCM | 32.0 |    | 21.2 | 23.5 |    |    | 32.0             |        | 25   | 9036260000 |



## Insulated cable connectors

## PVC, with conical cable entry



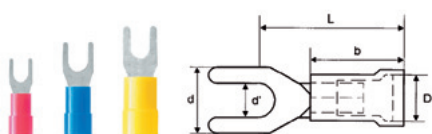
## Ring cable connector



## Ordering data

| Type          | Cross-section mm <sup>2</sup> | Colour | Dimensions | d <sup>1</sup> | d    | D   | L     | b     | S1*  | Qty. | Order No.  |
|---------------|-------------------------------|--------|------------|----------------|------|-----|-------|-------|------|------|------------|
| LIR 1.5M3 V   | 0.5 - 1.5                     | ●      | M 3        | 3.2            | 5.5  | 4.0 | 16.05 | 11.3  | 0.75 | 100  | 9200070000 |
| LIR 1.5M3.5 V | 0.5 - 1.5                     | ●      | M 3.5      | 3.7            | 5.5  | 4.0 | 16.05 | 11.3  | 0.75 | 100  | 9200080000 |
| LIR 1.5M4 V   | 0.5 - 1.5                     | ●      | M 4        | 4.3            | 8.0  | 4.0 | 18.3  | 11.3  | 0.75 | 100  | 9200090000 |
| LIR 1.5M5 V   | 0.5 - 1.5                     | ●      | M 5        | 5.3            | 8.0  | 4.0 | 18.3  | 11.3  | 0.75 | 100  | 9200100000 |
| LIR 1.5M6 V   | 0.5 - 1.5                     | ●      | M 6        | 6.4            | 11.6 | 4.0 | 21.0  | 11.3  | 0.75 | 100  | 9200110000 |
| LIR 1.5M8 V   | 0.5 - 1.5                     | ●      | M 8        | 8.4            | 11.6 | 4.0 | 21.0  | 11.3  | 0.75 | 100  | 9200120000 |
| LIR 2.5M3 V   | 1.5 - 2.5                     | ●      | M 3        | 3.2            | 6.4  | 4.5 | 15.6  | 11.3  | 0.8  | 100  | 9200150000 |
| LIR 2.5M3.5 V | 1.5 - 2.5                     | ●      | M 3.5      | 3.7            | 6.4  | 4.5 | 15.6  | 11.3  | 0.8  | 100  | 9200160000 |
| LIR 2.5M4 V   | 1.5 - 2.5                     | ●      | M 4        | 4.4            | 8.5  | 4.5 | 19.05 | 11.3  | 0.8  | 100  | 9200170000 |
| LIR 2.5M5 V   | 1.5 - 2.5                     | ●      | M 5        | 5.3            | 8.5  | 4.5 | 19.05 | 11.3  | 0.8  | 100  | 9200180000 |
| LIR 2.5M6 V   | 1.5 - 2.5                     | ●      | M 6        | 6.4            | 12.0 | 4.5 | 22.3  | 11.3  | 0.8  | 100  | 9200190000 |
| LIR 2.5M8 V   | 1.5 - 2.5                     | ●      | M 8        | 8.4            | 12.0 | 4.5 | 22.3  | 11.3  | 0.8  | 100  | 9200200000 |
| LIR 2.5M10 V  | 1.5 - 2.5                     | ●      | M 10       | 10.5           | 14.0 | 4.5 | 22.3  | 11.3  | 0.8  | 100  | 9200210000 |
| LIR 6.0M4 V   | 4 - 6                         | ●      | M 4        | 4.3            | 9.5  | 6.4 | 22.4  | 14.15 | 1    | 100  | 9200230000 |
| LIR 6M5 V     | 4 - 6                         | ●      | M 5        | 5.3            | 9.5  | 6.4 | 22.4  | 14.15 | 1    | 100  | 9200240000 |
| LIR 6M6 V     | 4 - 6                         | ●      | M 6        | 6.4            | 12.0 | 6.4 | 24.65 | 14.15 | 1    | 100  | 9200250000 |
| LIR 6M8 V     | 4 - 6                         | ●      | M 8        | 8.4            | 15.0 | 6.4 | 27.65 | 14.15 | 1    | 100  | 9200260000 |
| LIR 6.0M10 V  | 4 - 6                         | ●      | M 10       | 10.5           | 15.0 | 6.4 | 27.65 | 14.15 | 1    | 100  | 9200270000 |

## Fork-type cable connector

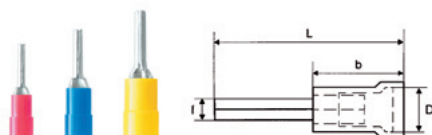


## Ordering data

| Type          | Cross-section mm <sup>2</sup> | Colour | Dimensions | d <sup>1</sup> | d    | D   | L     | b     | S1*  | Qty. | Order No.  |
|---------------|-------------------------------|--------|------------|----------------|------|-----|-------|-------|------|------|------------|
| LIS 1.5M3 V   | 0.5 - 1.5                     | ●      | M 3        | 3.2            | 5.7  | 4.0 | 17.8  | 11.3  | 0.75 | 100  | 9200290000 |
| LIS 1.5M3.5 V | 0.5 - 1.5                     | ●      | M 3.5      | 3.7            | 6.4  | 4.0 | 17.8  | 11.3  | 0.75 | 100  | 9200300000 |
| LIS 1.5M4 V   | 0.5 - 1.5                     | ●      | M 4        | 4.3            | 7.2  | 4.0 | 17.8  | 11.3  | 0.75 | 100  | 9200310000 |
| LIS 1.5M5 V   | 0.5 - 1.5                     | ●      | M 5        | 5.3            | 8.1  | 4.0 | 17.8  | 11.3  | 0.75 | 100  | 9200320000 |
| LIS 1.5M6 V   | 0.5 - 1.5                     | ●      | M 6        | 6.4            | 11.0 | 4.0 | 21.3  | 11.3  | 0.75 | 100  | 9200330000 |
| LIS 2.5M3 V   | 1.5 - 2.5                     | ●      | M 3        | 3.2            | 5.7  | 4.5 | 17.8  | 11.3  | 0.8  | 100  | 9200350000 |
| LIS 2.5M3.5 V | 1.5 - 2.5                     | ●      | M 3.5      | 3.7            | 6.4  | 4.5 | 17.8  | 11.3  | 0.8  | 100  | 9200360000 |
| LIS 2.5M4 V   | 1.5 - 2.5                     | ●      | M 4        | 4.3            | 7.2  | 4.5 | 17.8  | 11.3  | 0.8  | 100  | 9200370000 |
| LIS 2.5M5 V   | 1.5 - 2.5                     | ●      | M 5        | 5.3            | 8.1  | 4.5 | 17.8  | 11.3  | 0.8  | 100  | 9200380000 |
| LIS 2.5M6 V   | 1.5 - 2.5                     | ●      | M 6        | 6.4            | 11.0 | 4.5 | 21.3  | 11.3  | 0.8  | 100  | 9200390000 |
| LIS 6.0M4 V   | 4 - 6                         | ●      | M 4        | 4.3            | 9.0  | 6.4 | 21.35 | 14.15 | 1    | 100  | 9200410000 |
| LIS 6.0M5 V   | 4 - 6                         | ●      | M 5        | 5.3            | 9.0  | 6.4 | 21.35 | 14.15 | 1    | 100  | 9200420000 |
| LIS 6.0M6 V   | 4 - 6                         | ●      | M 6        | 6.4            | 12.0 | 6.4 | 25.15 | 14.15 | 1    | 100  | 9200430000 |
| LIS 6.0M8 V   | 4 - 6                         | ●      | M 8        | 8.4            | 14   | 6.5 | 34    | 13.15 | 1    | 100  | 9200440000 |
| LIS 6.0M10 V  | 4 - 6                         | ●      | M 10       | 10.5           | 18   | 6.5 | 34.7  | 13.15 | 1    | 100  | 9200450000 |

S1\* = Connection density

## Pin-type cable connector

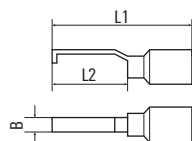


## Ordering data

| Type         | Cross-section mm <sup>2</sup> | Colour | Dimensions | D   | L     | b    | f   | Qty. | Order No.  |
|--------------|-------------------------------|--------|------------|-----|-------|------|-----|------|------------|
| LIP 1.5R12 V | 0.5 - 1.5                     | ●      | 12.0       | 4   | 23.3  | 11.3 | 1.9 | 100  | 9200460000 |
| LIP 2.5R12 V | 1.5 - 2.5                     | ●      | 12.0       | 4.5 | 23.3  | 11.3 | 1.9 | 100  | 9200470000 |
| LIP 6.0R14 V | 4 - 6                         | ●      | 14.0       | 6.4 | 28.15 | 14.5 | 2.7 | 100  | 9200480000 |

## Hook-type cable connector

to ES1 50-18 part 2



## Ordering data

| Type    | Cross-section mm <sup>2</sup> | Colour | L1   | L2    | B   | Qty. | Order No.  |
|---------|-------------------------------|--------|------|-------|-----|------|------------|
| HB 1-17 | 0.25 - 1.5                    | ●      | 27.2 | 16.75 | 4.6 | 100  | 9036290000 |
| HB 1-13 | 1.0 - 2.5                     | ●      | 27.2 | 16.75 | 3.0 | 100  | 9036300000 |

## PVC, with conical cable entry



## Butt connector

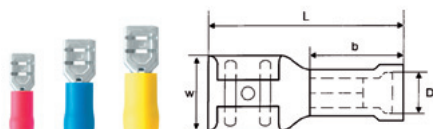


## Ordering data

| Type          | Cross-section mm <sup>2</sup> | Colour | Dimensions | D   | L  | Qty. | Order No.  |
|---------------|-------------------------------|--------|------------|-----|----|------|------------|
| LIB 1.5B25 VF | 0.5 - 1.5                     | ●      | 24.5       | 3.8 | 26 | 100  | 9200490000 |
| LIB 2.5B25 VF | 1.5 - 2.5                     | ●      | 24.5       | 4.3 | 26 | 100  | 9200500000 |
| LIB 6.0B26 VF | 4 - 6                         | ●      | 26.0       | 6   | 26 | 100  | 9200510000 |

## Flat blade receptacles

with copper sleeve

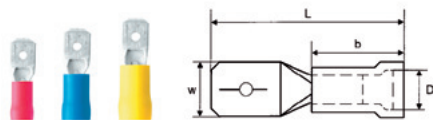


## Ordering data

| Type          | Cross-section mm <sup>2</sup> | Colour | Dimensions   | d2* | d3* | D   | L    | b    | w   | Qty. | Order No.  |
|---------------|-------------------------------|--------|--------------|-----|-----|-----|------|------|-----|------|------------|
| LIF 1.5F288 R | 0.5 - 1.5                     | ●      | 2.8 x 0.8 mm | 2.8 | 0.8 | 4.0 | 18.7 | 10.0 | 3.8 | 100  | 9200520000 |
| LIF 1.5F488 R | 0.5 - 1.5                     | ●      | 4.8 x 0.8 mm | 4.8 | 0.8 | 4.0 | 19.2 | 10.0 | 5.7 | 100  | 9200530000 |
| LIF 1.5F638 R | 0.5 - 1.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 4.0 | 20.8 | 10.0 | 7.4 | 100  | 9200540000 |
| LIF 2.5F488 R | 1.5 - 2.5                     | ●      | 4.8 x 0.8 mm | 4.8 | 0.8 | 5.0 | 19.2 | 10.0 | 5.7 | 100  | 9200550000 |
| LIF 2.5F638 R | 1.5 - 2.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 5.0 | 20.8 | 10.0 | 7.4 | 100  | 9200560000 |
| LIF 6.0F638 R | 4 - 6                         | ●      | 6.3 x 0.8 mm | 4.8 | 0.8 | 6.8 | 23.8 | 13.0 | 7.4 | 100  | 9200570000 |

## Flat blade connector

with copper sleeve



## Ordering data

| Type          | Cross-section mm <sup>2</sup> | Colour | Dimensions   | d2* | d3* | D   | L    | b    | w   | Qty. | Order No.  |
|---------------|-------------------------------|--------|--------------|-----|-----|-----|------|------|-----|------|------------|
| LIF 1.5M638 R | 0.5 - 1.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 4.0 | 20.8 | 10.0 | 6.3 | 100  | 9200580000 |
| LIF 2.5M638 R | 1.5 - 2.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 5.0 | 20.8 | 10.0 | 6.3 | 100  | 9200590000 |
| LIF 6.0M638 R | 4 - 6                         | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 6.8 | 23.8 | 13.0 | 6.3 | 100  | 9200600000 |

## Flat blade receptacles. piggy-back

with copper sleeve

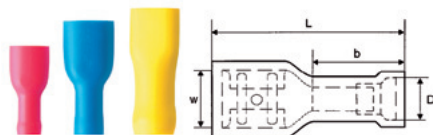


## Ordering data

| Type          | Cross-section mm <sup>2</sup> | Colour | Dimensions   | d2* | d3* | D   | L    | b    | w   | Qty. | Order No.  |
|---------------|-------------------------------|--------|--------------|-----|-----|-----|------|------|-----|------|------------|
| LIF 1.5T638 R | 0.5 - 1.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 4.0 | 20.8 | 10.0 | 7.4 | 100  | 9200610000 |
| LIF 2.5T638 R | 1.5 - 2.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 5.8 | 20.8 | 10.0 | 7.4 | 100  | 9200620000 |
| LIF 6.0T638 R | 4 - 6                         | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 6.8 | 23.8 | 13.0 | 7.4 | 100  | 9200630000 |

## Flat blade receptacles. full insulation

with copper sleeve



## Ordering data

| Type           | Cross-section mm <sup>2</sup> | Colour | Dimensions   | d2* | d3* | D   | L    | b    | w   | Qty. | Order No.  |
|----------------|-------------------------------|--------|--------------|-----|-----|-----|------|------|-----|------|------------|
| LIF 1.5F638 RF | 0.5 - 1.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 4.0 | 22.0 | 10.5 | 7.4 | 100  | 9200640000 |
| LIF 2.5F638 RF | 1.5 - 2.5                     | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 5.0 | 22.0 | 10.5 | 7.4 | 100  | 9200650000 |
| LIF 6.0F638 RF | 4 - 6                         | ●      | 6.3 x 0.8 mm | 6.3 | 0.8 | 6.8 | 24.5 | 13.0 | 5.7 | 100  | 9200660000 |

d2\* = Plug-in width

d3\* = Plug-in density

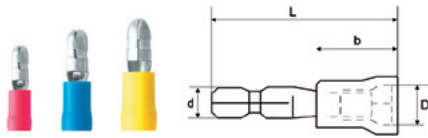
## Insulated cable connectors

## PVC, with conical cable entry



## Round plug

with copper sleeve

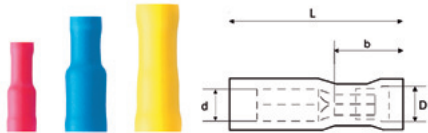


## Ordering data

| Type        | Cross-section mm <sup>2</sup> | Colour | Dimensions | d   | D   | L    | b    | Qty. | Order No.  |
|-------------|-------------------------------|--------|------------|-----|-----|------|------|------|------------|
| LID 1.5M4 R | 0.5 - 1.5                     | ●      | Ø 4 mm     | 4.0 | 4.0 | 20.8 | 10.0 | 100  | 9200670000 |
| LID 2.5M5 R | 1.5 - 2.5                     | ●      | Ø 5 mm     | 5.0 | 5.0 | 20.8 | 10.0 | 100  | 9200680000 |
| LID 6.0M5 R | 4 - 6                         | ●      | Ø 5 mm     | 5.0 | 5.8 | 23.8 | 13.0 | 100  | 9200690000 |

## Sockets for round plugs

with copper sleeve



## Ordering data

| Type         | Cross-section mm <sup>2</sup> | Colour | Dimensions | d   | D   | L    | b    | Qty. | Order No.  |
|--------------|-------------------------------|--------|------------|-----|-----|------|------|------|------------|
| LID 1.5F4 RF | 0.5 - 1.5                     | ●      | Ø 4 mm     | 4.0 | 4.0 | 23.0 | 10.5 | 100  | 9200700000 |
| LID 2.5F5 RF | 1.5 - 2.5                     | ●      | Ø 5 mm     | 5.0 | 5.0 | 23.0 | 11.5 | 100  | 9200710000 |
| LID 6.0F5 RF | 4 - 6                         | ●      | Ø 5 mm     | 5.0 | 5.0 | 24.0 | 13.8 | 100  | 9200720000 |

# Weidmüller Solutions & Service

|                                           |                                                                                                                                    |     |
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| <b>Weidmüller Solutions &amp; Service</b> | Customer specific solutions: best advice, best solutions                                                                           | V.2 |
|                                           | Digital support: RailDesigner®, Product Assistant for Distribution Boxes,<br>Online product catalogue, M-Print® PRO label designer | V.8 |

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Our cross-industrial solutions set standards: Set up for your application, instantly ready for use and available from stock.



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- **Increase the efficiency of your development and production processes**

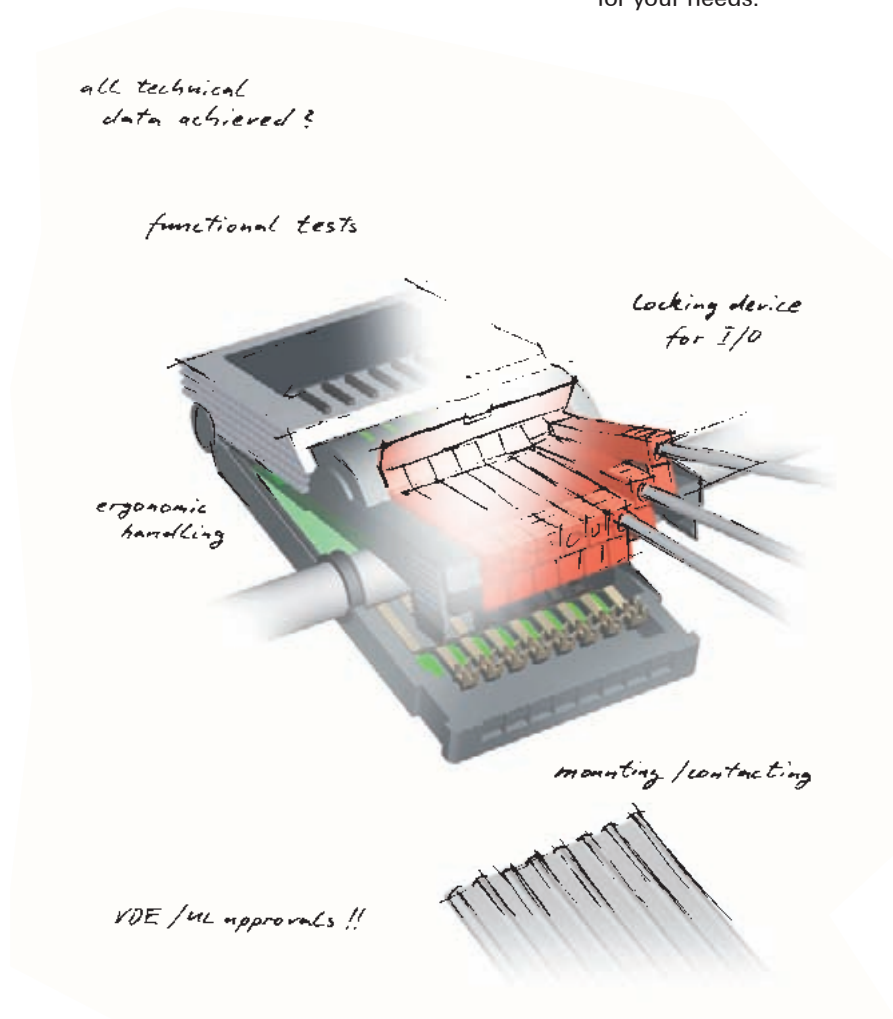
Outsourcing the development and production of your components will shorten your time-to-market. In addition, you have more time to concentrate on your core competencies.

- **Take advantage of our applications and production experience and expertise**

You can draw on the accumulated knowledge of our applications engineers and our specialists in the fields of connection technology, enclosure and surface technology, as well as metal and plastic processing, which is second to none.

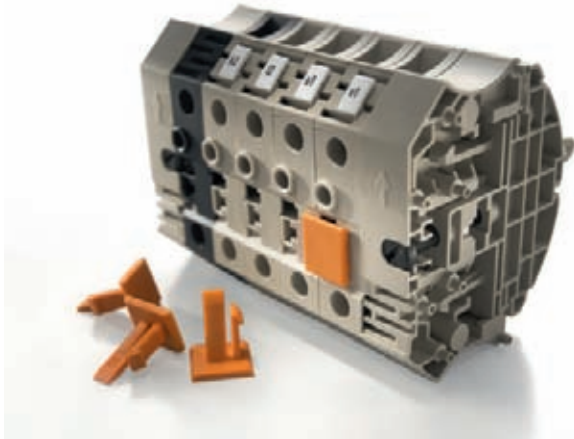
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Through innovation workshops, feasibility studies and profitability analyses we define a requirement profile forming the basis for the further development process. In this way, you can be sure of the best possible products for your needs.





## Application specific products – solutions for industries and markets



Industries and applications often have similar or even identical requirements for products or product assemblies. Application specific products that are based on earlier realised solutions are now directly available from stock.

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It is our aim to develop solutions that offer the additional advantage of a truly flexible design. Although this may mean an application-specific product may have an additional input or terminal you don't need, it can still be much cheaper than having a custom-made solution. Therefore, you not only save time, but money!



### Reap multiple benefits:

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Application specific products are available from stock without delay. So you can rely on the delivery of your products when you need them.

- **Advice from application engineers**

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- **Supportive software**

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- **Worldwide application centres**

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You may be looking to bring costs down and increase your efficiency. It may be that you would like more time to focus on your core competencies. You could be looking for a partner who will sent up intelligent solutions for you, that you can trust to deliver your specific requirements. Here at Weidmüller, we have a wealth of expertise, capability, and capacity to deliver custom solutions that are flexible, economically advantageous and on time.

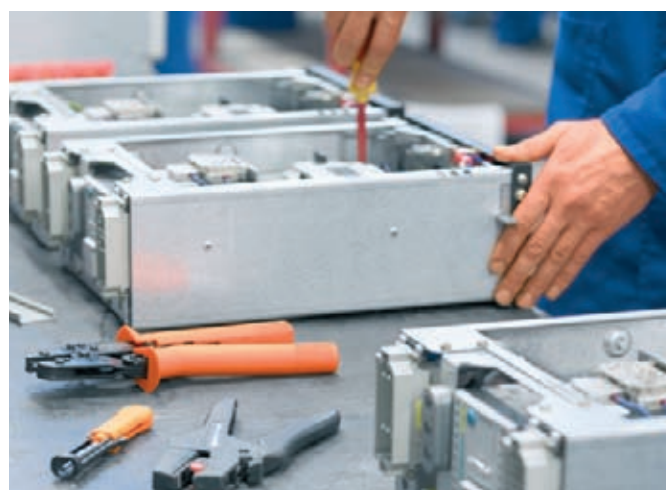
We offer to work closely with you, providing support and advice, and in putting together the job specification. Furthermore, our broad product portfolio means that we can jointly work together on the selection of the best components to make up your custom solution.

### Highest levels of professional production

You have complete access to our highly-skilled project management team and our production expertise, for example, in the ATEX area. We can offer you a comprehensive portfolio of customer-specific assemblies, from simple assembly to the modification of existing electronics products.

Our services include:

- Adaptation and assembly of enclosures for all IP protection classes
- ATEX solutions for hazardous areas
- Assembly of heavy duty connectors
- Assembly of terminal strips
- Customer specific electronics solutions
- Cable assembly



### Take advantage of:

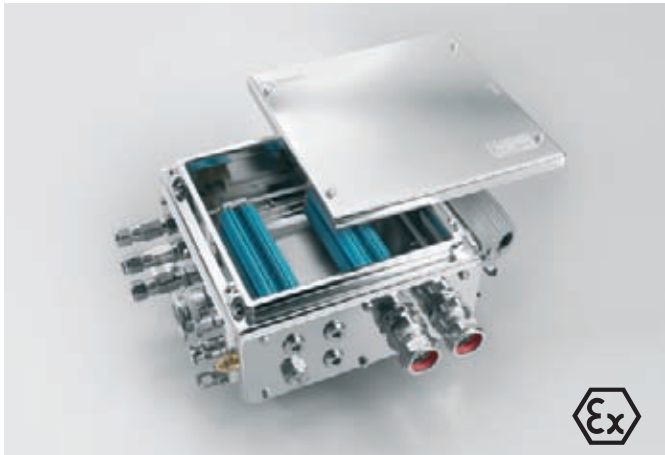
- **Simple ordering and stockholding information**  
One solution – one item number! It will no longer be necessary to order single components. Article variety and stockholding will be reduced.
- **Professional assembly**  
All individual components will be pre-assembled, reducing your own assembly time and costs.

- **Less costs for documentation**  
Our RailDesigner® software will facilitate the generation of parts lists or drawings.
- **Modern processing of enclosures**  
Our CNC processing centres can adapt the enclosures to suit your tailored solution.



# Customer specific assembly – consultation, product, development and production – all from a single source

Our application and manufacturing expertise influences decisions on all areas of modern connection technology. They therefore play an integral part of every solution.



## Enclosures

Perfect protection and safety

- Enclosures for all IP protection classes
- ATEX enclosures for hazardous areas
- Placement of inspection glasses, drill holes and threads
- Elaborate machining operations like the milling of contours
- Class C5 welding, according to DIN 6700, for stainless steel and sheet steel enclosures
- Surface coating as and when required
- Individual device and system markers



## Heavy duty connectors

Perfect connection with system

- Placement of drill holes and cable glands
- Equipped with plug-and-play components
- Wiring of subassemblies
- Cable assembly
- All housings are available with individual laser marking



## Terminal strips

Configuration made to measure

- Machining of mounting rails
- Snapping components onto terminal rails
- Placement of cross connections
- Mounting of standard conductors
- Marking of terminals, devices, conductors and cables



### Electronics

Individual solution from the beginning

- Modular terminal blocks, component plugs, snap on bases, enclosures for electronics: integration of relevant electronic components
- Snap-on base: Component carrier design or simple wiring of the modules
- Interface units
- Modification of existing electronic products: Modification of the circuitry or specific calibration
- Combination of components: Relays or optocouplers in combination with other components



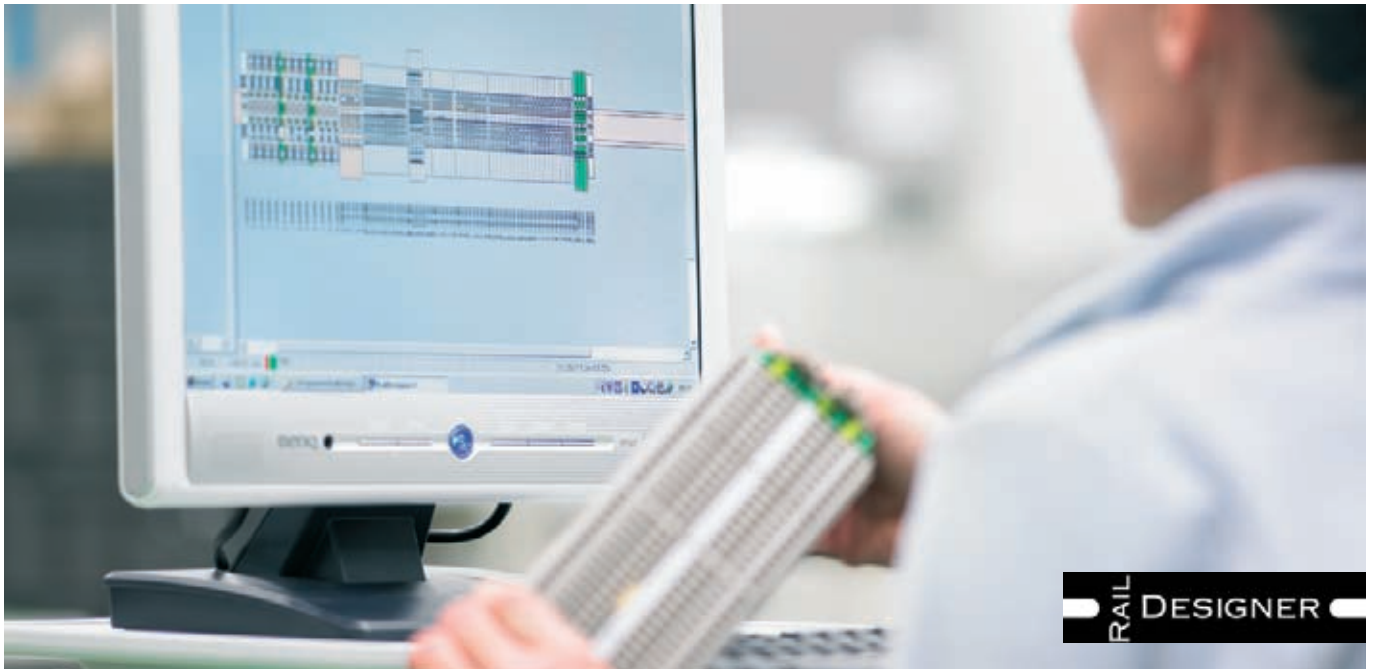
### Cable assembly

Our special service

- Pre cutting of cables and conductors
- Installation of
  - Heavy duty connectors
  - PCB connectors or DIN connectors
- Conditioning of wire ends
- Mounting of wire end ferrules and cable lugs
- Connection of conductors to terminal rails

## RailDesigner®

### A faster way to configure and order terminal strips



These days, time and cost efficiency are of the essence when it comes to working in planning and production. RailDesigner®, our free configuration and purchasing software, uses its virtual assembly of mounting rails (assembled or unassembled) to help you with the design of your own completely personal solution.

#### **RailDesigner® brings you substantial benefits:**

##### **Less time required**

It speeds up the process of acquiring quotations and placing orders because, for example, all processes can be initiated directly from the software. You configure your projects and the rest virtually takes care of itself!

##### **User friendly operation**

Any potential errors are prevented by automatic installation tips and clear project processing and management. So that you can plan your project realistically, RailDesigner® offers both 2D and 3D displays.

##### **Wide selection from the current product portfolio**

"You can easily download software updates for RailDesigner® from the internet. This means that you will always have access to the latest version of our product database."

##### **Project planning that is compatible with your software**

Plan and design your projects easily using your usual CAE software. With the integrated interface, transferring data from your CAE system has never been so simple. You can export component lists and terminal strip designs in various formats. Marking data is automatically transferred to the M-Print® Pro labelling software.

##### **Simple purchasing of terminal strips**

Once you have completed the planning stages of your projects in RailDesigner®, you can choose to send all of your data to us by email. Then we take over the assembly and deliver the required configuration to you, along with anything else that you still require for your project.

Download the software for free and discover the advantages to using RailDesigner® at **[www.raildesigner.de](http://www.raildesigner.de)**

# Product assistant for distribution boxes and assemblies – The perfect solution, in the shortest time



You can easily and quickly select, combine and purchase the required components, all with the help of the Weidmüller product assistant for distribution boxes and assemblies. This means that you can rapidly obtain your individual enclosure solutions which may include the following components:

## Empty enclosures without holes

Empty enclosures in various sizes of the Klippon® K and Klippon® POK series (aluminium and plastic) with matching mounting rails.

## Empty enclosures with pre-threaded holes

Empty enclosures in different sizes from the Klippon® K and Klippon® POK series (aluminium and plastic), that are already equipped with metric threaded holes.

## Mounting rails

Exactly tailored mounting rails for the enclosure sizes on offer.

## Terminal strips

Mounting rails, which also perfectly match the offered enclosure sizes and are pre-fitted with terminals, optionally with screw or tension clamp connection.

## Distribution boxes with Ex-protection

Enclosures that are already assembled with a terminal strip and already equipped with metric threaded holes.

## Numerous possible combinations

Enclosures with Ex-protection are supplied exclusively with terminal strips that are already fitted. The product assistant offers you various approaches for industry variants so that you can create the right enclosure variant.

You can start off with any of the listed components and then add further components to the combination. This means that, for example, you can select the required terminal strip and the product assistant will then offer the matching enclosure variants.

Or, you can start with the enclosure, and matching terminal strips or mounting rails will then be chosen. The selected products can then be directly included in the query list.

## Provision of all relevant data

During the selection, you can choose filters for the terminal strips, such as length, connection technology or dimensional cross-section and, for the enclosure, you can choose material, size, holes etc. If a product is then selected and combined, the user can view all of the relevant data, including drawings and pictures. This means that you can extensively plan how the enclosure will be integrated into the customer's application.

The product assistant is available at <http://galaxy.weidmueller.com>

## Online product catalogue

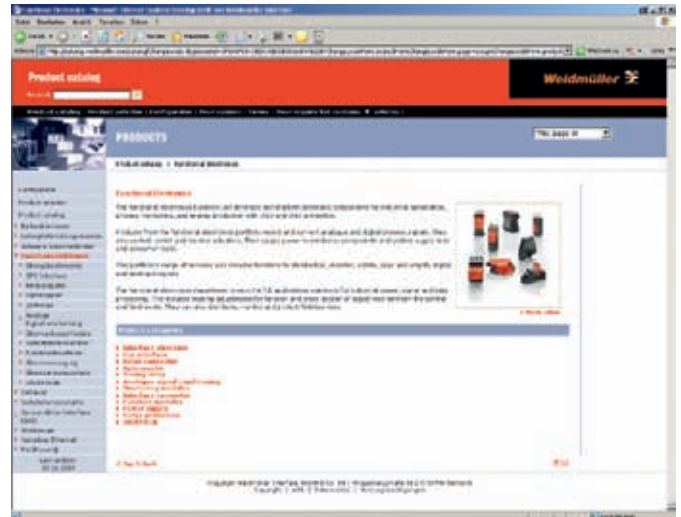
If you have questions about the specifications and details of our products, perhaps even outside normal business hours, then our online catalogue at

**<http://catalog.weidmueller.com>**

is opened 24 hours a day, 365 days a year and is the perfect source for information. Besides product features and part numbers, it contains extensive additional information on all product groups.

For further information, offers and your personal contact, simply consult the Weidmüller website at

**[www.weidmueller.com](http://www.weidmueller.com)**

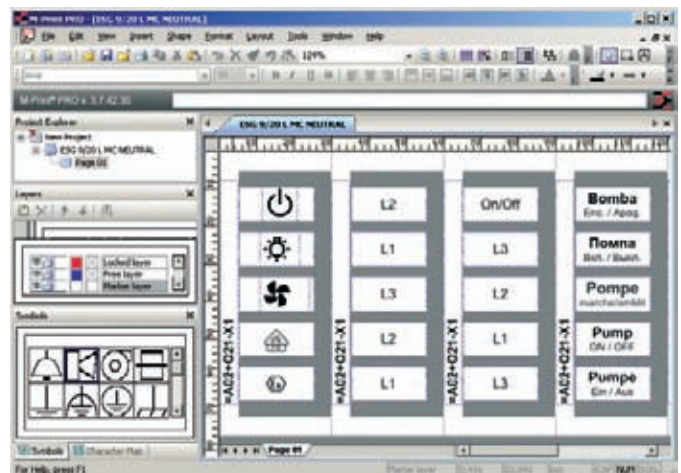


**With one click selection for the product data sheet of your choice.**

## M-Print® PRO label designer

The comprehensive range of Weidmüller services includes the M-Print® PRO software. This is a professional standard, Windows®-based program for printing and ordering labels and markers that is coordinated with our current printing systems and marking materials.

M-Print® PRO enables you to design your labelling materials professionally and quickly. Texts, borders, lines, graphics, barcodes, serial numbers and photographs are all possible. The interface to RailDesigner® or your CAE system enables the transfer of all your configured data.

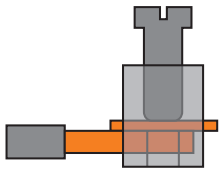


# Technical appendix

|                           |                                                     |      |
|---------------------------|-----------------------------------------------------|------|
| <b>Technical appendix</b> | Connection systems                                  | W.2  |
|                           | Definitions of the various types                    | W.4  |
|                           | Materials – Insulating materials                    | W.6  |
|                           | Definition of overload and short-circuit protection | W.8  |
|                           | Materials – Metals                                  | W.10 |
|                           | Norms, Standards, Terms                             | W.12 |
|                           | General technical information                       | W.14 |
|                           | Electrical data                                     | W.16 |
|                           | Installation instructions                           | W.20 |
|                           | ATEX terminal blocks                                | W.26 |
|                           | ATEX directives                                     | W.28 |
|                           | ATEX                                                | W.29 |

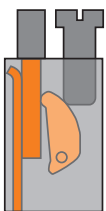


## Free choice of connection technology



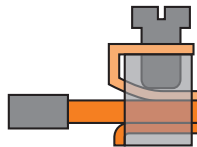
**Clamping yoke connection technology**

The **Weidmüller clamping yoke system** is an optimum combination of the specific properties of steel and copper. This clamping yoke system has proved its worth in billions of Weidmüller products over many decades. Both the clamping yoke and the clamping screw are made from hardened steel. This clamping yoke arrangement generates the necessary contact force. The clamping yoke presses the incoming conductor against a current bar made of copper or high-quality brass. The hardened Weidmüller clamping yoke ensures a gastight, vibration-resistant connection between conductor and current bar.



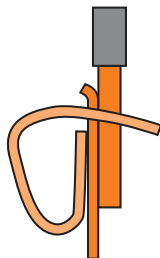
**TOP connection technology**

The Weidmüller **TOP connection system** ensures that the conductor can be inserted and the clamping screw tightened from the same direction. Such an arrangement eases the wiring work in certain installations, e.g. when there is little space at the sides in terminal boxes. The TOP connection system combines the specific properties of steel and copper. The hardened steel lever presses the conductor directly against a current bar made of copper or high-quality brass. The high contact force guarantees a gas-tight connection between conductor and current bar.



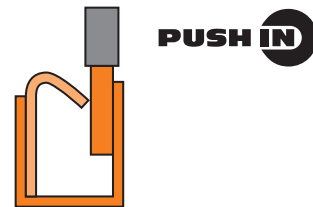
**Leaf spring connection technology**

Weidmüller's patented **leaf clamp connection system** is a screw connection system for large conductor cross-sections. The insertion of large conductors into the clamping point is made easier here by the fact that the clamping unit can be removed first. The conductor can then be placed directly on the current bar before re-inserting the clamping unit and tightening the screw to grip the conductor.



**Tension clamp connection technology**

The **Weidmüller tension clamp system** functions similarly to the tried-and-tested clamping yoke. Here again, the mechanical and electrical functions are kept separate. The spring, made from high-quality rustproof and acid-proof steel, pulls the conductor against the tin-plated copper current bar. Treating the copper in this way ensures low contact resistance and high corrosion resistance. The compensating effect of the spring ensures a secure contact for the lifetime of the terminal.



**PUSH IN-connection technology**

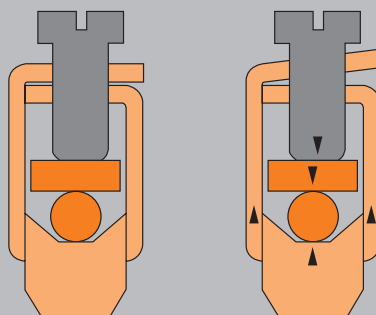
In our **PUSH IN connection technology** the stripped solid conductor is simply inserted into the clamping point as far as it will go. And that completes the connection! No tools are required and the result is a reliable, vibration-resistant and gas-tight connection. Even flexible conductors with crimped wire end ferrules or ultrasonic-welded conductors can be connected without any problems. A stainless steel spring, which is fitted in a separate housing, guarantees a high contact force between the conductor and the current bar (tin-plated copper). The conductor pull-out force for this system is even higher than that for the tension clamp system. A spring-stop plus conductor stop in a steel housing ensure optimum connection conditions and a guide for the screwdriver needed to detach the conductor.

## The principle of vibration resistance

### Clamping yoke

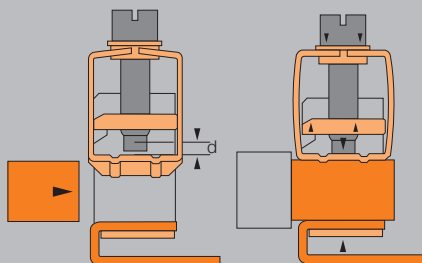
As the clamping screw is tightened, the ensuing force causes the upper threaded part to spring back and exert a locknut effect on the screw. The Weidmüller clamping yoke system is vibration-resistant. The relaxation of the conductor is compensated for by the elastic behaviour of the Weidmüller clamping yoke.

It is therefore not necessary to retighten the clamping screw.



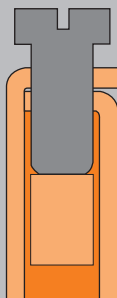
### Leaf clamp

The distance "d" between the shaft of the clamping screw and the leaf clamp causes elastic deformation of the spring as the screw is tightened. The vibration resistance depends on the magnitude of the spring force of the leaf clamp, and this force also compensates the relaxation phenomena which occurs in the conductor. It is therefore not necessary to retighten the clamping screw.



### TOP

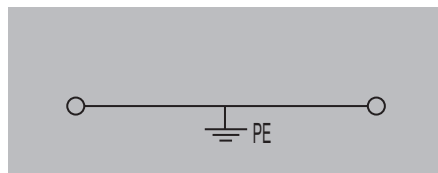
Like with the clamping yoke, the force exerted by the steel lever as the screw is tightened forces apart the two threaded parts of the TOP connection. This exerts a locking effect on the screw and guarantees excellent vibration resistance.





# Definitions of the various types

## PE terminals

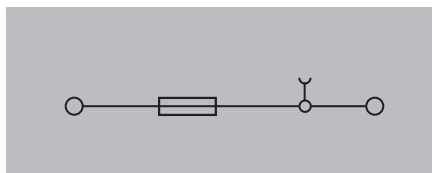


A PE terminal is a component with one or several clamping points for connecting and/or branching PE conductors (PE and PEN conductors) with a conductive connection to their mountings. Partly insulated PE terminals are insulated from adjacent live parts of terminals; the partial insulation is coloured green/yellow.

### Applications (IEC 60947-7-2)

This standard applies to PE terminals with PE function up to 120 mm<sup>2</sup> and to PE terminals with PEN function for sizes upwards of 10 mm<sup>2</sup> with clamping points with or without screws for connecting round copper conductors with a cross-section between 0.2 and 120 mm<sup>2</sup> (AWG 24/250 kcmil) for circuits up to 1000 Vac/1000 Hz or up to 1500 Vdc. PE terminals are used to produce the electrical and mechanical connections between copper conductors and the mounting.

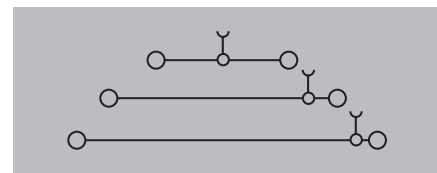
## Fuse terminals



Fuse terminals consist of a terminal base and a cartridge fuse holder. In the case of fuse terminals for low-voltage cartridge fuses (D-system), the technical data is defined by IEC 60947-7-3 in conjunction with VDE 0636 part 301. In the case of fuse terminals for device protection cartridge fuses, the technical data is defined by IEC 60947-7-3, which covers the range of applications of such products.

Fuse terminals for protecting devices are rated for a certain maximum power loss on the basis of IEC 60127-2, which covers G-type cartridge fuses. The product pages contain details of the maximum power loss for individual or group arrangements for short-circuit and/or overload protection.

## Multi-level distribution terminals



A multi-level distribution terminal is a unit with clamping points for connecting and/or linking phase, neutral and PE conductors to their mountings with a conductive PE connection. They have several connection levels, all isolated from each other.

### Applications IEC 60947-7-1 / IEC 60947-7-2

#### DIN VDE 0611-4 (partly)

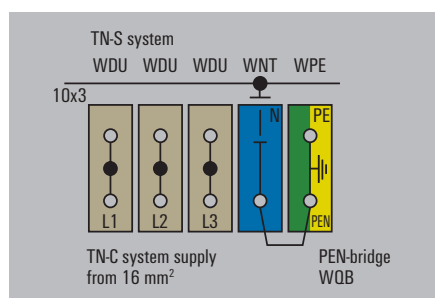
These standards apply to multi-level distribution terminals with clamping points with/without screws for connecting or linking solid, stranded or flexible copper conductors. In distribution terminals, phase conductor and/or N and PE conductor connections are all realised in a compact space. The N-conductor can be disconnected for insulation measurements; it is not used for disconnecting or switching.

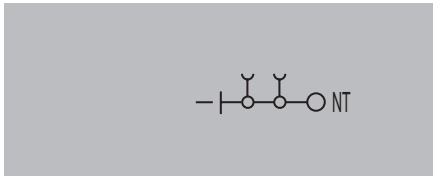
## PEN function

According to IEC 60947-7-2, only copper terminal rails may be used for the PEN function. Steel terminal rails may not be used.

### Use of TS 35 x 15

In order to comply with the current-carrying ability required by IEC 60947-7-2, the TS 35 x 15 terminal rail must be used for PE terminals with a rated cross-section of 16 mm<sup>2</sup> and upwards.



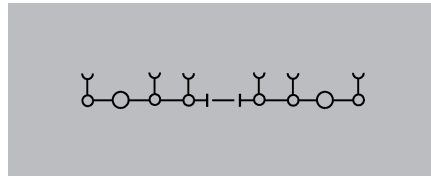
**N-conductor disconnect terminals**

A neutral-conductor disconnect terminal is a special type of test-disconnect terminal with lateral disconnection. It is connected to a neutral-conductor busbar. It is covered by the scope of the IEC 60947-7-1 (Appendix D). They enable simple testing without the need to disconnect the neutral conductor.

**Dimensioning of clearance and creepage distances:**

400 V applies to:  
phase conductor–phase conductor

250 V applies to:  
phase conductor–N-conductor  
phase conductor–PE conductor  
N-conductor–PE conductor

**Test-disconnect terminals**

Test-disconnect terminals are used for the short-term separation of circuits in order to perform test and measurements in a no-voltage state. They are covered by the scope of the IEC 60947-7-1 (Appendix D). The dimensions for the clearance and creepage distances of the opened disconnect points are not evaluated. However the rated surge voltage resistance (supplied by the manufacturer) must be verified at the opened disconnect point.

# Insulating materials

In order to do justice to the most diverse requirements placed on our products, it is necessary to use different insulating materials tailored to the needs of the applications. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, the use of cadmium-free materials is very high on our agenda. Furthermore, our insulating materials contain neither pigments based on heavy metals nor any substances that lead to the formation of dioxin or furan.

| Plastic<br>Abbreviation                    | Ceramics                                                                                                                                                                                                                                                                                                                                                                                     | Thermosetting plastics                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                   |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                            | Ceramics                                                                                                                                                                                                                                                                                                                                                                                     | Gemin<br>KrG                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Epoxy resin<br>EP                                                                                                                                                                                 |
|                                            | <p>Ceramics are excellent materials for electrical engineering because they fulfil all requirements.</p> <p>Ceramics are resistant to heat, fluids and sparks, and are tested for leakage currents. Thanks to their high mechanical strength, low losses and good heat resistance, these materials have a very high chemical stability and are preferred because of their very low wear.</p> | <p>Thermosetting plastics exhibit high dimensional stability, low water absorption, extremely good tracking resistance and excellent fire resistance.</p> <p>The continuous operating temperatures are higher than those of thermoplastics. At higher thermal loads the deformation resistance of thermosetting plastics is better than that of thermoplastics.</p> <p>The disadvantage in comparison with thermoplastics is the reduced flexibility of thermosetting plastics.</p> |                                                                                                                                                                                                   |
|                                            | Insulating material                                                                                                                                                                                                                                                                                                                                                                          | Melamine resin moulding compound, MF type 150 (DIN EN ISO 14 528) inorganic filler                                                                                                                                                                                                                                                                                                                                                                                                  | Epoxy resin with inorganic filler                                                                                                                                                                 |
| Colour                                     | white                                                                                                                                                                                                                                                                                                                                                                                        | medium yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | black                                                                                                                                                                                             |
| Description                                | <p>highest continuous operating temperature</p> <p>high fire resistance</p> <p>fluids-repellent</p> <p>high tracking resistance</p> <p>inherently flame-retardant</p>                                                                                                                                                                                                                        | <p>high continuous operating temperature</p> <p>high fire resistance</p> <p>high tracking resistance</p> <p>inherently flame-retardant</p> <p>halogen-free</p> <p>flame-retardant agent</p>                                                                                                                                                                                                                                                                                         | <p>very good electrical properties</p> <p>very high continuous operating temperature</p> <p>resistant to high-energy radiation</p> <p>halogen- and phosphor-free</p> <p>flame-retardant agent</p> |
| <b>Properties</b>                          |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                   |
| Specific volume resistance to IEC 60093    | Ω x cm                                                                                                                                                                                                                                                                                                                                                                                       | 10 <sup>11</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 <sup>14</sup>                                                                                                                                                                                  |
| Electric strength to IEC 60243-1           | kV / mm                                                                                                                                                                                                                                                                                                                                                                                      | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 160                                                                                                                                                                                               |
| Tracking resistance (A) to IEC 60112       | CTI                                                                                                                                                                                                                                                                                                                                                                                          | ≥ 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ≥ 600                                                                                                                                                                                             |
| Upper max. permissible temperature         | °C                                                                                                                                                                                                                                                                                                                                                                                           | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 160                                                                                                                                                                                               |
| Lower max. permissible temperature, static | °C                                                                                                                                                                                                                                                                                                                                                                                           | -60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -60                                                                                                                                                                                               |
| Flamability class to UL94                  | V-0 (5 V-B)                                                                                                                                                                                                                                                                                                                                                                                  | V-0 (5 V-A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | V-0                                                                                                                                                                                               |
| Fire behaviour to railway standard         |                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                   |

| Thermoplastics                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                 |                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wemid                                                                                                                                                                                                                                                                                                                                                                       | Polyamide PA                                                                                                                                                                                                                                                                                                                                  | Polyamide PAGF                                                                                                                                                                                                                                                      | Polybutyleneterephthalate PBT                                                                                                                                                                                                                                   | Polycarbonate PC                                                                                                                                               |
| <p><b>Wemid</b> is a modified thermoplastic with properties that have been specially devised to suit the requirements of Weidmüller connectors. The advantages in comparison with PA are better fire protection and the higher continuous operating temperature. Wemid fulfils the strict requirements placed on applications for railway rolling stock to NF F 16-101.</p> | <p><b>Polyamide (PA)</b> is one of the most common commercial plastics. The advantages of this material are its very good electrical and mechanical properties, its flexibility and resistance to breakage. Furthermore, owing to its chemical structure PA achieves good fire resistance even without the use of flame-retardant agents.</p> | <p><b>Glass fibre-reinforced polyamide (PAGF)</b> offers excellent dimensional stability and very good mechanical properties. This makes it ideal for use in end brackets. Compared with unreinforced PA, this material can achieve UL94 flammability class HB.</p> | <p><b>This thermoplastic polyester (PBT)</b> offers excellent dimensional stability (and is therefore ideal for plug-in connectors) and a high continuous operation temperature. However, the tracking resistance is lower than other insulating materials.</p> |                                                                                                                                                                |
| special Weidmüller insulating material                                                                                                                                                                                                                                                                                                                                      | insulating material                                                                                                                                                                                                                                                                                                                           | insulating material                                                                                                                                                                                                                                                 | with or without glass fibre reinforcement depending on application                                                                                                                                                                                              | with or without glass fibre reinforcement depending on application                                                                                             |
| dark beige                                                                                                                                                                                                                                                                                                                                                                  | beige                                                                                                                                                                                                                                                                                                                                         | beige                                                                                                                                                                                                                                                               | orange                                                                                                                                                                                                                                                          | grey                                                                                                                                                           |
| <p>higher continuous operating temperature<br/>improved fire resistance<br/>halogen- and phosphor-free<br/>flame-retardant agent<br/>flame-retardant agent low smoke development in fire<br/>certified for railway applications to NF F 16-101</p>                                                                                                                          | <p>flexible, virtually unbreakable<br/>good electrical and mechanical properties<br/>self-extinguishing behaviour<br/>halogen-free<br/>flame-retardant agent</p>                                                                                                                                                                              | <p>excellent dimensional stability<br/>very good mechanical properties<br/>halogen-free<br/>flame-retardant agent</p>                                                                                                                                               | <p>high dimensional stability<br/>good electrical and mechanical properties<br/>flame-retardant substances do not lead to the formation of dioxin or furan</p>                                                                                                  | <p>high dimensional stability<br/>high continuous operating temperature<br/>high electrical insulation capacity<br/>halogen-free<br/>flame-retardant agent</p> |
| 10 <sup>12</sup>                                                                                                                                                                                                                                                                                                                                                            | 10 <sup>12</sup>                                                                                                                                                                                                                                                                                                                              | 10 <sup>12</sup>                                                                                                                                                                                                                                                    | 10 <sup>13</sup>                                                                                                                                                                                                                                                | 10 <sup>16</sup>                                                                                                                                               |
| 25                                                                                                                                                                                                                                                                                                                                                                          | 30                                                                                                                                                                                                                                                                                                                                            | 30                                                                                                                                                                                                                                                                  | 28                                                                                                                                                                                                                                                              | ≥ 30                                                                                                                                                           |
| 600                                                                                                                                                                                                                                                                                                                                                                         | 600                                                                                                                                                                                                                                                                                                                                           | 500                                                                                                                                                                                                                                                                 | 200                                                                                                                                                                                                                                                             | ≥ 175                                                                                                                                                          |
| 120                                                                                                                                                                                                                                                                                                                                                                         | 100                                                                                                                                                                                                                                                                                                                                           | 100                                                                                                                                                                                                                                                                 | 115 / 130                                                                                                                                                                                                                                                       | 115 / 125                                                                                                                                                      |
| -50                                                                                                                                                                                                                                                                                                                                                                         | -50                                                                                                                                                                                                                                                                                                                                           | -50                                                                                                                                                                                                                                                                 | -50                                                                                                                                                                                                                                                             | -50                                                                                                                                                            |
| V-0                                                                                                                                                                                                                                                                                                                                                                         | V-2                                                                                                                                                                                                                                                                                                                                           | HB                                                                                                                                                                                                                                                                  | V-0                                                                                                                                                                                                                                                             | V-2 / V-0                                                                                                                                                      |
| I2 / F2 *)                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                 | I2 / F2                                                                                                                                                        |
| *) also certified to LUL E 1042                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                 |                                                                                                                                                                |

# Power losses

This technical supplement should be used for determining the size of fuse inserts and fuse terminal blocks. It also shows the maximum permitted power losses for the fuse inserts in various applications and terminal block alignments.

## 1. Definition of overload and short-circuit protection

### a) Short-circuit protection

Short circuits can occur when the insulation is broken or when there is continued stress on the insulating material. Almost all electrical consumers and lines should be protected against short circuits according to DIN VDE 0100-430/ HD 384.4.43 S1 and HD 384.4.473 S1.

The heat generated when a fuse insert is activated by a short circuit is low in comparison to an overload. This is because only a short pulse occurs with a short circuit. So in the case of a pure short circuit, the maximum permitted power loss of the fuse insert should be higher than the level for the overload protection.

### b) Overload protection

With overload protection, cables and electrical components are protected against excessive load currents and the resulting thermal and mechanical damages.

Overload currents can occur with the following electrical components:

- Cables and busbars in power distribution networks
- Motors
- Transformers

When protecting against overloads, the heat energy released by the fuse inserts extends over a longer period of time. Thus the maximum power loss is less than with a pure short circuit.

## 2. Fuse terminal blocks arranged individually in accordance with IEC 60947-7-3

A single arrangement describes a terminal block consisting of five terminals, whereby four feed-through terminals are arranged around a fuse terminal block.

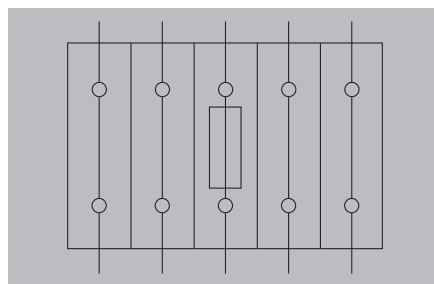


Figure 1: Fuse terminal blocks arranged individually

The maximum power loss of the fuse can, in comparison to a compound alignment, be rated higher because the individually aligned feed-through terminals dissipate little thermal energy.

## 3. Composite alignment of fuse terminal blocks in accordance with IEC 60947-7-3

A composite alignment describes a terminal block made from five fuse terminal blocks. The power loss for a short circuit or overload is determined based on the terminal in the middle.

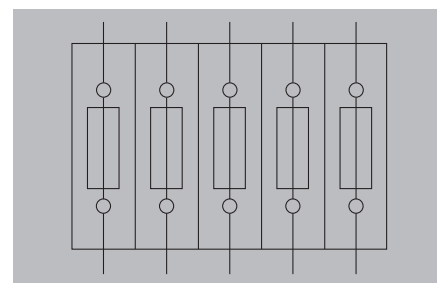


Figure 2: Fuse terminal blocks arranged as composites

The maximum power loss of the fuse should, in comparison to the individual alignment, be rated lower. The fuse terminal blocks arranged as a composite dissipate more thermal energy during operations.

#### 4. Power losses for overload and short circuit protection in accordance with IEC 60947-7-3

The IEC 60127-x standard for cartridge fuse inserts describes three categories for power losses (1.6 W, 2.5 W, 4 W). The IEC 60947-7-3 standard for fused terminal blocks is also based on these groups. The values specified in these standards describe the power losses at 1.5 x IN.

**Table 1: Example data for power loss specifications according to IEC 60947-7-3**

| Arrangement            | Applications                  |                                       |
|------------------------|-------------------------------|---------------------------------------|
|                        | Only short-circuit protection | Overload and short-circuit protection |
| Individual arrangement | 4 W at max. 6.3 A             | 1.6 W at max. 6.3 A                   |
| Composite arrangement  | 2.5 W at max. 6.3 A           | 1.6 W at max. 6.3 A                   |

# Metals

Only materials that have proved suitable for electrical engineering applications are used in Weidmüller products. All materials are subjected to the rigorous quality control measures of a QM system certified to DIN EN ISO 9001. Environmental compatibility plays a crucial role in the selection of materials.

The selection, processing and surface treatment of all the metals used by Weidmüller are carried out according to the latest technical standards.

## Steels

Steel parts required to maintain the contact force permanently are electrogalvanised and treated with an additional passivation technique. The surface protection conforms to the highest standards. Experience gained from laboratory tests has been incorporated into the design of the surface protection. Zinc protects against corrosion for a long time even after the zinc coating has been partially damaged by scratches or pores. In the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel, which provides long-term protection for the parent metal.

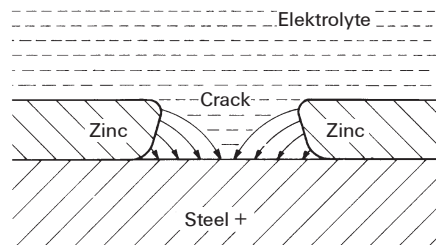
## Conductive materials

The current-carrying materials copper, brass and bronze are characterised by their high conductivity and good mechanical properties.

The surfaces are usually given a coating of tin, which creates an extremely good, "malleable" contact with a low contact resistance. Apart from ensuring consistently good electrical properties, the tin coating provides excellent protection against corrosion.

Solder connections are also given a coating of tin. In order to guarantee the long-term solderability (shelf life), brass parts are given an additional nickel coating as a diffusion barrier.

The nickel coating provides effective protection against the loss of zinc atoms from the brass.







# International Standards



## Modular terminals to IEC 60947-7-1

### Low-voltage switchgear and controlgear

Part 7-1:  
Auxiliary devices – Terminals for copper conductors

This standard has been ratified by CENELEC on a European level and is as such valid in all CENELEC member countries.

In conjunction with this and having an overriding importance:  
IEC 60947-1

### Low-voltage switchgear and controlgear –General stipulations

(IEC 60947-7-1)  
(EN 60947-7-1)

This standard defines requirements for feed-through and disconnect-test terminals with screw or screwless terminal points which are primarily intended for industrial applications or similar and are attached to a carrier to produce an electrical and mechanical connection between copper cables.

The standard is valid for modular terminals for connecting round copper conductors with a cross-section between 0.2 mm<sup>2</sup> and 300 mm<sup>2</sup> (AWG 24/600 kcmil), for electric circuits up to 1000 V AC/1000 Hz or up to 1500 V DC.

### This standard can be used as a guide for:

- Terminals that require the attachment of special fixtures to the conductor such as tab or wire-wrap connectors, etc.
- Terminals that directly contact the conductor through cutting or which create contact points by penetrating the insulation, for example as in insulation eg. such as in insulation displacement connections, etc.

### Feed-through terminal

An insulating part consisting of one or more terminal groups that are isolated from each other, and is designed to be mounted to a carrier.

### Rated cross-section

The rated cross-section of a modular terminal is the size – as specified by the manufacturer – of the conductor cross-section that can be connected to the terminal, on which certain thermal, mechanical and electrical requirements are based, and which is intrinsic to the marking on the terminal.

The rated cross-section is selected from the following standard cross-sections:  
0.2 - 0.5 - 0.75 - 1.0 - 1.5 - 2.5 - 4.0 - 6.0 - 10 - 16 - 25 - 35 - 50 - 70 - 95 - 120 - 150 - 240 - 300 mm<sup>2</sup>.

The modular terminals possess a rated connection capacity that is at least two steps smaller than the rated cross-section. The conductors may be solid, multi-strand or fine-strand components, if necessary with the ends of the conductors prepared for the connection.

Verification of the rated cross-section is carried out with a gauge, according to IEC 60947-1.

## Rated current IEC 60947-7-1

Test currents are assigned to the rated cross-sections in accordance with IEC 60947-7-1. No non-permissible rise in the temperature of the terminal occurs in conjunction with these rated currents:

|                 |      |     |     |     |
|-----------------|------|-----|-----|-----|
| mm <sup>2</sup> | 1.5  | 2.5 | 4.0 | 6.0 |
| A               | 17.5 | 24  | 32  | 41  |

|                 |    |    |     |     |
|-----------------|----|----|-----|-----|
| mm <sup>2</sup> | 10 | 16 | 25  | 35  |
| A               | 57 | 76 | 101 | 125 |

|                 |     |     |     |     |
|-----------------|-----|-----|-----|-----|
| mm <sup>2</sup> | 50  | 70  | 95  | 120 |
| A               | 150 | 192 | 232 | 269 |

|                 |     |     |     |     |
|-----------------|-----|-----|-----|-----|
| mm <sup>2</sup> | 150 | 185 | 240 | 300 |
| A               | 309 | 353 | 415 | 520 |

## Conventional free-air thermal current (I<sub>th</sub>)

The conventional thermal current in free air (I<sub>th</sub>) is the largest test current for warming tests of open equipment in the free air, see 4.3.2.1 of IEC 60947-1.

This applies exclusively to terminal blocks with multiple connection levels (**multi-tier terminals**) and to **test-disconnect terminals** for which a current reduction is permissible. The reduced current values are then designated as **conventional thermal current in free air (I<sub>th</sub>)**.

If the test current is not required to be reduced for the associated rated cross-section, then the term remains "rated current".

## Rated voltage IEC 60947-7-1

The rated voltage of a modular terminal is the rated insulation voltage on which the insulation tests and creepage distances are based. They are determined according to IEC 60664-1.

## Rated impulse withstand voltage IEC 60947-7-1

This is the value of a surge voltage to which the modular terminals can be subjected and on which the clearances to IEC 60947-1 or IEC 60664-1 are based.

## Pollution severity IEC 60947-7-1

The pollution severity specifies the influence of solid, liquid or gaseous foreign matter that could reduce the electric strength of the specific surface resistance.

Pollution severity 3 has been specified for modular terminals for industrial applications: the occurrence of conductive contamination or dry, non-conductive contamination which becomes conductive because condensation is expected.

The minimum clearance is defined in IEC 60947-7-1 in conjunction with the rated impulse withstand voltage.

## Operating conditions

The modular terminals can be used in the following standard conditions:

- Ambient temperature -5 °C...+40 °C, average value over 24 h: +35 °C
- Attitudes up to 2000 m above sea level
- Relative humidity 50 % at +40 °C, 90 % at +20 °C

## CE marking

The manufacturer is responsible for CE labelling in accordance with the corresponding EU Directive. This confirms conformance with the Directive for the attention of government authorities. It is designed to guarantee the free movement of goods within Europe. Cable connectors from ≥ 50 V~/75 V- fulfil the fundamental safety requirements stipulated in the Low Voltage Directive 2006/95/EC. This is printed on the packaging. Together with the appropriate technical documentation declarations of conformity are kept available for review by the responsible monitoring authority.

## (EMC)

### Interference immunity

Terminals used in applications that fall under the scope of the IEC/EN 60947-7-1 are immune to electromagnetic disturbances. For that reason no immunity tests are required.

### Emitted interference

Terminals used in applications that fall under the scope of the IEC/EN 60947-7-1 do not generate electromagnetic disturbances. For that reason no emitted interference tests are required.

# IP class of protection to DIN EN 60529

The ingress protection class or IP rating is indicated by a code consisting of the two letters IP and two digits representing the class of protection.

Example:

**I P 6 5**

2nd digit: protection from liquids  
1st digit: protection from solid bodies

## Protection against intrusion of external particle matter (1st digit)

| Code digit |  |                                                                                                                                                          |
|------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0          |  | No protection                                                                                                                                            |
| 1          |  | Protection against ingress of large solid bodies with diameter > 50 mm. (Protection to prevent dangerous parts being touched with the back of the hand.) |
| 2          |  | Protection against ingress of large solid bodies with diameter > 12.5 mm. (Protection to prevent dangerous parts being touched with the fingers.)        |
| 3          |  | Protection against ingress of large solid bodies with diameter > 2.5 mm. (Protection to prevent dangerous parts being touched with a tool.)              |
| 4          |  | Protection against ingress of large solid bodies with diameter > 1 mm. (Protection to prevent dangerous parts being touched with a piece of wire.)       |
| 5          |  | Protection against harmful deposits of dust, which cannot enter in an amount sufficient to interfere with satisfactory operation.                        |
| 6          |  | Complete protection against ingress of dust.                                                                                                             |

## Protection against penetration of liquids (2nd digit)

| Code digit |  |                                                                                                                                                                                    |
|------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0          |  | No protection                                                                                                                                                                      |
| 1          |  | Protection against drops of condensed water falling vertically.                                                                                                                    |
| 2          |  | Protection against drops of liquid falling at an angle of 15° with respect to the vertical.                                                                                        |
| 3          |  | Protection against drops of liquid falling at an angle of 60° with respect to the vertical.                                                                                        |
| 4          |  | Protection against liquids splashed from any direction.                                                                                                                            |
| 5          |  | Protection against water jets projected by a nozzle from any direction.                                                                                                            |
| 6          |  | Protection against water from heavy sea on ships' decks.                                                                                                                           |
| 7          |  | Protection against immersion in water under defined conditions of pressure and time.                                                                                               |
| 8          |  | Protection against indefinite immersion in water under defined conditions of pressure (which must be agreed between manufacturer and user and must be more adverse than number 7). |

# Conversion table for AWG to mm<sup>2</sup> conductors

## AWG

**AWG** is the abbreviation for „**A**merican **W**ire **G**auge“. This designation bears no resemblance to the actual cross-section of the conductor.

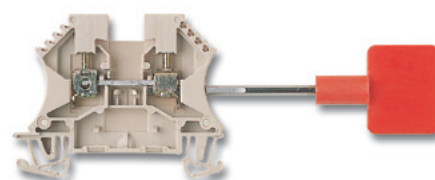
The relationship between AWG and mm<sup>2</sup> is shown in the following table.

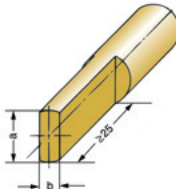
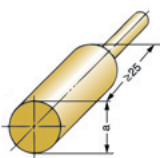
| AWG | mm <sup>2</sup> |
|-----|-----------------|
| 28  | 0.08            |
| 26  | 0.13            |
| 24  | 0.20            |
| 22  | 0.33            |
| 20  | 0.52            |
| 19  | 0.65            |
| 18  | 0.82            |
| 17  | 1.04            |
| 16  | 1.31            |
| 15  | 1.65            |
| 14  | 2.08            |
| 13  | 2.63            |
| 12  | 3.31            |
| 11  | 4.17            |
| 10  | 5.26            |
| 9   | 6.63            |
| 8   | 8.37            |
| 7   | 10.55           |
| 6   | 13.30           |
| 5   | 16.77           |
| 4   | 21.15           |
| 3   | 26.67           |
| 2   | 33.63           |
| 1   | 42.41           |
| 0   | 53.48           |

## Plug gauge to IEC 60947-1

### Insertion of unprepared round conductors with the largest prescribed cross-section

Test with defined gauge, insertion simply under self-weight



| Conductor cross-section   |                                               | Plug gauge                                                                          |                     |                  |                                                                                      |                     |                                            |
|---------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------|---------------------|------------------|--------------------------------------------------------------------------------------|---------------------|--------------------------------------------|
|                           |                                               | Form A                                                                              |                     |                  | Form B                                                                               |                     |                                            |
|                           |                                               |  |                     |                  |  |                     |                                            |
| Flexible conductor<br>mm² | Rigid conductor<br>(solid or stranded)<br>mm² | Designation                                                                         | Diameter<br>a<br>mm | Width<br>b<br>mm | Designation                                                                          | Diameter<br>a<br>mm | Permissible<br>deviation for<br>a and b mm |
| 1.5                       | 1.5                                           | A 1                                                                                 | 2.4                 | 1.5              | B 1                                                                                  | 1.9                 | 0 - 0.05                                   |
| 2.5                       | 2.5                                           | A 2                                                                                 | 2.8                 | 2.0              | B 2                                                                                  | 2.4                 |                                            |
| 2.5                       | 4                                             | A 3                                                                                 | 2.8                 | 2.4              | B 3                                                                                  | 2.7                 |                                            |
| 4                         | 6                                             | A 4                                                                                 | 3.6                 | 3.1              | B 4                                                                                  | 3.5                 | 0 - 0.06                                   |
| 6                         | 10                                            | A 5                                                                                 | 4.3                 | 4.0              | B 5                                                                                  | 4.4                 |                                            |
| 10                        | 16                                            | A 6                                                                                 | 5.4                 | 5.1              | B 6                                                                                  | 5.3                 |                                            |
| 16                        | 25                                            | A 7                                                                                 | 7.1                 | 6.3              | B 7                                                                                  | 6.9                 | 0 - 0.07                                   |
| 25                        | 35                                            | A 8                                                                                 | 8.3                 | 7.8              | B 8                                                                                  | 8.2                 |                                            |
| 35                        | 50                                            | A 9                                                                                 | 10.2                | 9.2              | B 9                                                                                  | 10.0                |                                            |
| 50                        | 70                                            | A 10                                                                                | 12.3                | 11.0             | B 10                                                                                 | 12.0                | 0 - 0.08                                   |
| 70                        | 95                                            | A 11                                                                                | 14.2                | 13.1             | B 11                                                                                 | 14.0                |                                            |
| 95                        | 120                                           | A 12                                                                                | 16.2                | 15.1             | B 12                                                                                 | 16.0                |                                            |
| 120                       | 150                                           | A 13                                                                                | 18.2                | 17.0             | B 13                                                                                 | 18.0                |                                            |

## Design of the clearances and creepage distances in electrical equipment – general



Since April 1997 the sizing of clearances and creepage distances has been covered by IEC 60664-1 "Insulation coordination for electrical equipment in low-voltage systems".

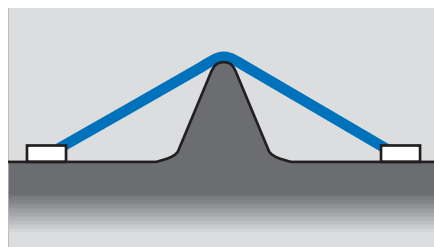
The design data resulting from these provisions is – if applicable – specified in this catalogue for each product.

For the design of clearances and creepage distances, application of the regulations for insulation coordination produces the following interrelationships:

### Clearances

Clearances are rated in accordance with the following factors:

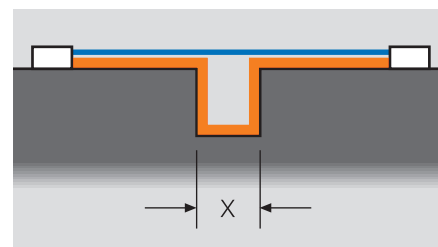
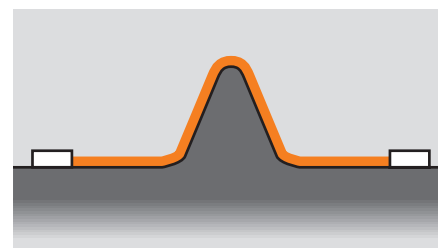
- Anticipated overvoltage  
**rated impulse withstand voltage**
- Used **overvoltage protection precaution**
- Measures to prevent pollution  
**pollution severity**



### Creepage distances

Creepage distances are rated in accordance with the following factors:

- Planned **rated voltage**
- Insulation materials used  
**insulation group**
- Measures to prevent pollution  
**pollution severity**



**Slots** are taken into account when measuring creepage distances if their minimum width  $x$  is dimensioned according to the following table:

| Pollution severity | min. width<br>$X$ [mm] |
|--------------------|------------------------|
| 1                  | 0.25                   |
| 2                  | 1                      |
| 3                  | 1.5                    |
| 4                  | 2.5                    |

If the associated clearance in air is less than 3 mm, the minimum slot width can be reduced to 1/3 of the clearance.



# Design of clearances and creepage distances in electrical equipment – influencing factors

## Rated impulse withstand voltage

The rated impulse withstand voltage is derived from:

- **Voltage conductor – earth**  
(the rated voltage of the network, taking into account all networks)
- **Surge category**

**Table 1: Rated impulse withstand voltages for electrical equipment**

| Rated voltage of power supplies system *) in V |                                         | Rated impulse withstand voltage in kV                                                                           |                                                                                    |                                                                                           |                                                                    |
|------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Three-phase systems                            | Single-phase systems with neutral point | Electrical equipment at the supplies point of the installation<br><br>(Surge category IV)                       | Electrical equipment as part of the permanent installation<br>(Surge category III) | Electrical equipment to be connected to the permanent installation<br>(Surge category II) | Specially protected electrical equipment<br><br>(Surge category I) |
|                                                | 120 to 240                              | 4.00                                                                                                            | 2.50                                                                               | 1.50                                                                                      | 0.80                                                               |
| 230/400                                        |                                         |                                                                                                                 |                                                                                    |                                                                                           |                                                                    |
| 277/480                                        |                                         | 6.00                                                                                                            | 4.00                                                                               | 2.50                                                                                      | 1.50                                                               |
| 400/690                                        |                                         | 8.00                                                                                                            | 6.00                                                                               | 4.00                                                                                      | 2.50                                                               |
| 1000                                           |                                         | Values depend on the particular project of, if no values are available, the values of the preceding line apply. |                                                                                    |                                                                                           |                                                                    |

\*) to IEC 38

## Surge categories

are stipulated in accordance with the German standard DIN VDE 0110-1 (for electrical equipment fed directly from the low-voltage network).

### Surge category I

- Equipment that is intended to be connected to the permanent electrical installation of a building. Measures to limit transient surges to the specific level are taken outside the equipment, either in the permanent installation or between the permanent installation and the equipment.

### Surge category II

- Equipment to be connected to the permanent electrical installation of a building, e.g. household appliances, portable tools, etc.

### Surge category III

- Equipment that is part of the permanent electrical installation and other equipment where a higher degree of availability is expected, e.g. distribution boards, circuit-breakers, wiring systems (including cables, busbars, junction boxes, switches, power sockets) in the permanent installation, and equipment for industrial use and some other equipment, e.g. stationary motors with permanent connections to the permanent installation.

### Surge category VI

- Equipment for use at or near the power supplies in the electrical installations of buildings, between the principal distribution and the mains, e.g. electricity meters, circuit-breakers and centralised ripple controllers.

## Pollution severity categories

### Pollution severity category 1

- No pollution, or only dry, non-conductive pollution that has no influence.

### Pollution severity category 2

- Non-conductive pollution only; occasional condensation may cause temporary conductivity.

### Pollution severity category 3

- Conductive pollution, or dry, non-conductive pollution that is liable to be rendered conductive through condensation.

### Pollution severity category 4

- Contamination results in constant conductivity, e.g. caused by conductive dust, rain or snow.

Unless explicitly stated otherwise, the dimensioning of clearance and creepage distances and the resulting rating data for electromechanical products (terminals, terminal strips, PCB connection terminals and plug-in connectors) is based on pollution severity 3 and surge category III, taking account of all network types.

# Design of clearances and creepage distances in electrical equipment – influencing factors

## Rated voltage

The rated voltage is derived from the nominal voltage of the power supply and the corresponding network type.

| Single-phase<br>2- or 3-wire AC or DC systems    |                                                |                                                |
|--------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Rated voltage<br>of the power supply<br>(mains)* | Voltages for table 4                           |                                                |
|                                                  | For insulation<br>phase-to-phase <sup>1)</sup> | For insulation<br>phase-to-earth <sup>1)</sup> |
|                                                  | All systems                                    | 3-wire systems<br>neutral pt. earthing         |
| V                                                | V                                              | V                                              |
| 12.5                                             | 12.5                                           | -                                              |
| 24 / 25                                          | 25                                             | -                                              |
| 30                                               | 32                                             | -                                              |
| 42 / 48 / 50**)                                  | 50                                             | -                                              |
| 60                                               | 63                                             | -                                              |
| 30-60                                            | 63                                             | 32                                             |
| 100**)                                           | 100                                            | -                                              |
| 110 / 120                                        | 125                                            | -                                              |
| 150**)                                           | 160                                            | -                                              |
| 220                                              | 250                                            | -                                              |
| 110-220                                          | 250                                            | 125                                            |
| 120-240                                          |                                                |                                                |
| 300**)                                           | 320                                            | -                                              |
| 220-440                                          | 500                                            | 250                                            |
| 600**)                                           | 630                                            | -                                              |
| 480-960                                          | 1000                                           | 500                                            |
| 1000**)                                          | 1000                                           | -                                              |

| 3-phase<br>3- or 4-wire AC systems               |                                  |                                                                         |                                                                          |
|--------------------------------------------------|----------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Rated voltage<br>of the power<br>supply (mains)* | Voltages for table 4             |                                                                         |                                                                          |
|                                                  | For insulation<br>phase-to-phase | For insulation<br>phase-to-earth                                        |                                                                          |
|                                                  | All systems                      | 3-phase<br>4-wire systems<br>with earthed<br>neutral wire <sup>2)</sup> | 3-phase<br>3-wire systems<br>unearthed <sup>1)</sup> or<br>phase-earthed |
| V                                                | V                                | V                                                                       | V                                                                        |
| 60                                               | 63                               | 32                                                                      | 63                                                                       |
| 110/120/127                                      | 125                              | 80                                                                      | 125                                                                      |
| 150**)                                           | 160                              | -                                                                       | 160                                                                      |
| 208                                              | 200                              | 125                                                                     | 200                                                                      |
| 220/230/240                                      | 250                              | 160                                                                     | 250                                                                      |
| 300**)                                           | 320                              | -                                                                       | 320                                                                      |
| 380/400/415                                      | 400                              | 250                                                                     | 400                                                                      |
| 440                                              | 500                              | 250                                                                     | 500                                                                      |
| 480/500                                          | 500                              | 320                                                                     | 500                                                                      |
| 575                                              | 630                              | 400                                                                     | 630                                                                      |
| 600**)                                           | 630                              | -                                                                       | 630                                                                      |
| 660/690                                          | 630                              | 400                                                                     | 630                                                                      |
| 720/830                                          | 800                              | 500                                                                     | 800                                                                      |
| 960                                              | 1000                             | 630                                                                     | 1000                                                                     |
| 1000**)                                          | 1000                             | -                                                                       | 1000                                                                     |

1) Phase-to-earth insulation levels for unearthed or impedance-earthed systems are equal to those of phase-to-phase because the operating voltage to earth of any phase can, in practice, reach full phase-to-phase voltage. This is because the actual voltage to earth is determined by the insulation resistance and capacitive reactance of each phase to earth; thus, a low (but acceptable) insulation resistance of one phase can earth it and raise the other two to full phase-to-phase voltage to earth.

2) For electrical equipment for use in both 3-phase 4-wire and 3-phase 3-wire supplies, earthed and unearthed, use the values for 3-wire systems only.

\*) It is assumed that the rated voltage of the electrical equipment is not lower than the nominal voltage of the power supply.

\*\*) Because of the common changes, the meaning of the \*\* symbol has not been used in table 1; i.e. the / symbol indicates a 4-wire 3-phase distribution system. The lower value is the phase-to-neutral voltage, while the higher value is the phase-to-phase voltage. Where only one value is indicated, it refers to 3-wire 3-phase systems and specifies the value phase-to-phase. The values given in table 1 are still taken into account in tables 3a and 3b by the \*\* symbol.

## Insulating material group

The insulating materials are divided into four groups depending on the comparative figures for creepage distance (CTI = comparative tracking index):

| Insulating material group |                 |
|---------------------------|-----------------|
| I                         | 600 ≤ CTI       |
| II                        | 400 ≤ CTI < 600 |
| III a                     | 175 ≤ CTI < 400 |
| III b                     | 100 ≤ CTI < 175 |

The comparative tracking index must be determined using special samples produced for this purpose with test solution A in compliance with IEC 60112 (DIN IEC 60112/DIN VDE 0303-1).

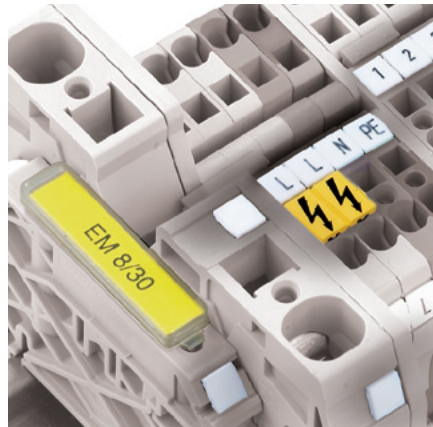
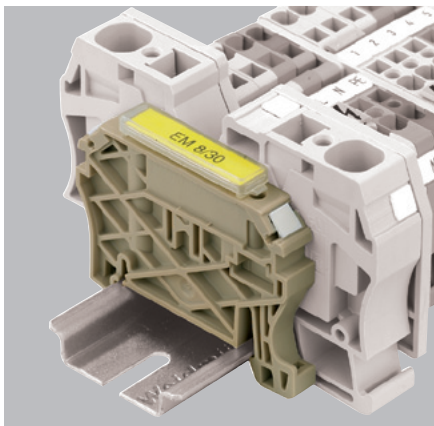




# The installation of terminal strips

## Assembly and end brackets

- Assemble terminal strips from left to right.
- Closed side on the left, open on the right.
- Always close off the open side of a modular terminal with an end plate or partition plate (WAP/TW, ZAP/TW and IAP).
- Fit end brackets to both ends of a terminal strip.
- End brackets can be omitted adjacent to PE terminals, with the exception of WDK/PE and ZPE + WPE 1.5 / R 3.5.

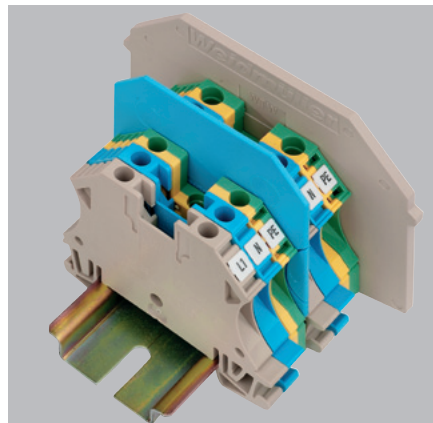


## Dimensions

The dimensions specified are those of the enclosing housing to the modular terminal, including fixing components but excluding tolerances. A mounting tolerance of 0.2 mm on the specified terminal width should be allowed for in the planning.

## Partition plate

A partition plate is required to create a visual distinction between electric circuits, or to ensure electrical isolation between neighbouring cross-connections.



## Separation plate

Separation plates can be retrofitted between cross-connections or sockets on modular terminals up to a terminal width of max. 12 mm.

## Maintaining the rated insulation voltage

The required stripping length is specified in mm for every Weidmüller product. These lengths, e.g.  $6 \pm 0.5$  mm,  $\geq 10 \pm 1$  mm, must be maintained. This also applies when using wire end ferrules. The outside dimensions of crimped wire end ferrules must comply with IEC 60947-1, 1999 edition.



## Combinations of various terminals

- Always fit an end plate or partition plate (WAP/TW, ZAP/TW and IAP) at changes of profile.
- Always fit end plates or partition plates (WAP/TW, ZAP/TW and IAP) between adjacent terminals with different rated voltages in order to maintain the respective voltages.
- When a PE terminal is required adjacent to or between associated feed-through terminals of the same series and size, the rated voltage and rated impulse withstand voltage of the feed-through terminals are not affected.

## Working on electrical connections with non-insulated screwdrivers



The use of non-insulated screwdrivers is only permitted on electrical systems that have been isolated. To ensure that the electrical components have been disconnected from the power supply, the following five safety rules must be adhered to before carrying out any

work and guaranteed for the duration of the work:

- **Isolation**
- **Prevention of reconnection**
- **Verification of disconnection**
- **Earthing and short-circuiting**
- **Covering or guarding of adjacent parts still connected to the power supply**

These five safety rules represent the safety measures to be taken when working on electrical systems and equipment. The individual measures to be carried out taking into account the operational and local conditions, e.g. exposed high- or low voltage lines, cables or switchgear, are specified in VDE 0105 part 100.

### Unused clamping points connected to the power supply

Suitable covers, e.g. ADP 1...4, must be fitted to prevent electrical shock caused through accidental contact with unused clamping points that could conduct electricity. The clamping screws of all unused clamping points, even those isolated from the electricity supply, must be screwed fully home.

### VDE 0105 part 100 Operation of power supplies: work on such systems

Perform troubleshooting operations with a 2-pole voltage tester including test prod to IEC 61243-3.



### Tightening torques for clamping screws

Tightening the clamping screw with the appropriate torque guarantees:

- A secure and gas-tight connection
- No mechanical damage to the clamping parts
- A voltage drop well below the permissible limit

The test torque to IEC 60947-1 or the torque as specified by the manufacturer is the lower value of the permissible torque range. This ensures that all tests are satisfied.

The upper value of the permissible torque range is the maximum torque that may be applied by the user.

An electric screwdriver should preferably be set to a torque in the middle of the range. The values given in the table are general figures. Torques specific to the products have been specified directly for each product.

| Products with screw with slotted head |                                  |                    |
|---------------------------------------|----------------------------------|--------------------|
| Thread                                | Tightening torque                |                    |
|                                       | Steel screws<br>min. 8.8<br>[Nm] | A 2/A 4-80<br>[Nm] |
| M 2                                   | 0.2...0.35                       | 0.2...0.35         |
| M 2.5                                 | 0.4...0.8                        | 0.4...0.8          |
| M 3                                   | 0.5...1.0                        | 0.5...1.0          |
| M 3.5                                 | 0.8...1.6                        | 0.8...1.6          |
| M 4                                   | 1.2...2.4                        | ...                |
| M 5                                   | 2.0...4.0                        | ...                |
| M 6                                   | 2.5...5.0                        | ...                |

| Products with screw with hexagon socket |                                           |                        |
|-----------------------------------------|-------------------------------------------|------------------------|
| Thread                                  | Tightening torque                         |                        |
|                                         | Non-ferrous screws<br>Cu 2 (CuZn)<br>[Nm] | Cu 5 (CuNi 60)<br>[Nm] |
| M 2.5                                   | 0.4...0.45                                | ...                    |
| M 3                                     | 0.5...0.6                                 | 0.5...1.0              |
| M 3.5                                   | ...                                       | 0.8...1.6              |
| M 4                                     | 1.2...1.9                                 | 1.2...2.4              |
| M 5                                     | 2.0...3.0                                 | 2.0...4.0              |
| M 6                                     | ...                                       | 2.5...5.0              |

| Products with screw with hexagon socket |                                           |
|-----------------------------------------|-------------------------------------------|
| Thread                                  | Tightening torque<br>Steel screws<br>[Nm] |
| M 4                                     | 1.2...2.4                                 |
| M 5                                     | 2.0...4.0                                 |
| M 6                                     | 3.0...6.0                                 |
| M 8                                     | 6.0...12                                  |
| M 10                                    | 10.0...20                                 |
| M 12                                    | 14.0...31                                 |
| M 16                                    | 25.0...60                                 |

# Connecting the terminals

## Two conductors at one clamping point

The optimum solution for allocation of individual circuits, labelling and the breakdown into separate functional units is best achieved by connecting just one conductor at every clamping point.

However, if it is necessary to connect two conductors with the same cross-section at one clamping point, then this is possible with the modular terminals of the W-Series (screw connection).

The connection of two cables in screwless clamping units is forbidden according to DIN IEC 60999-1.

The Z-series (tension-clamping) can be used to connect two conductors if twin wire-end ferrules are used.

### • Continuous current rating with two conductors

The total current of two conductors may not exceed the continuous current rating of the modular terminal. The continuous current rating is the maximum current that a modular terminal can accommodate without the temperature rise exceeding 45 K.

### • Rated voltage

The Rated voltage of the modular terminal does not change when two conductors are connected properly.

| File<br>E60693              | Torque N·m | Voltage | Current | WI<br>Catalog No.      |
|-----------------------------|------------|---------|---------|------------------------|
| <b>Multi wire test for:</b> |            |         |         |                        |
| sec 38                      | 0.8        | 600     | 25      | WDU 2.5                |
| sec 38                      | 1          | 600     | 35      | WDU 4                  |
| sec 38                      | 1.6        | 600     | 50      | WDU 6                  |
| sec 38                      | 2.4        | 600     | 65      | WDU 10                 |
| sec 38                      | 4          | 600     | 85      | WDU 16                 |
| sec 38                      | 5          | 1000    | 125     | WDU 35                 |
| sec 38                      | 0.8        |         |         | WPE 2.5                |
| sec 38                      | 1          |         |         | WPE 4                  |
| sec 38                      | 1.6        |         |         | WPE 6                  |
| sec 38                      | 2.4        |         |         | WPE 10                 |
| sec 38                      | 4          |         |         | WPE 16                 |
| sec 38                      | 5          |         |         | WPE 35                 |
| sec 38                      | 0.8        | 300     | 20      | WDK 2.5...             |
| sec 38                      | 0.8        | 300     | 20      | WDK 2.5/DU-PE          |
| sec 38                      | 0.5        | 300     | 20      | WDU 1.5/ZZ             |
| sec 38                      | 0.5        |         |         | WPE 1.5/ZZ             |
| sec 38                      | 0.8        | 300     | 20/10   | WDU 2.5/1.5/ZR         |
| sec 38                      | 0.5        |         |         |                        |
| sec 38                      | 0.8        |         |         | WPE 2.5/1.5/ZR         |
| sec 38                      | 0.5        |         |         |                        |
| sec 38                      | 0.8        | 300     | 10      | WPO 4                  |
| sec 38                      | 0.5        | 300     | 10      | WDU 1.5/BLZ 5.08       |
| sec 38                      | 0.8        | 300     | 10      | WDK 2.5/BLZ 5.08       |
| sec 38                      | 0.8        | 300     | 16      | WDU 2.5 F              |
| sec 38                      | 0.8        | 300     | 16      | WDK 2.5 F              |
| sec 47                      | 0.5        | 300     | 10      | BLZ 5.08/2             |
| sec 38                      |            |         |         | WDU 50N                |
| sec 38                      |            |         |         | WPE 50N                |
| sec 75                      |            |         |         | WDU 70N                |
| sec 75                      |            |         |         | WPE 70N                |
| sec 38                      |            |         |         | WDK 2.5/TR DU/øTNHE    |
| sec 38                      |            |         |         | WDK 2.5/TR DU-PE/øTNHE |
| sec 38                      |            |         |         | WTR 2.5                |
|                             |            |         |         | WDU 50N                |
|                             |            |         |         | WPE 50N                |
|                             |            |         |         | WDU 70N                |
|                             |            |         |         | WPE 70N                |
|                             |            |         |         | WDK 2.5/TR DU/øTNHE    |
|                             |            |         |         | WDK 2.5/TR DU-PE/øTNHE |
|                             |            |         |         | WTR 2.5                |
|                             |            |         |         | WDK 4N                 |
|                             |            |         |         | WDK 4N PE              |
|                             |            |         |         | WDK 4N V               |
|                             |            |         |         | WDU 4/ZR               |
|                             |            |         |         | WDU 4/ZZ               |
|                             |            |         |         | WPE 4/ZR               |
|                             |            |         |         | WPE 4/ZZ               |
|                             |            |         |         | WTR 4/ZR               |
|                             |            |         |         | WTR 4/ZR STB 2.3       |
|                             |            |         |         | WTR 4/ZZ               |
|                             |            |         |         | WTR /ZZ STB 2.3        |
|                             |            |         |         | WTL 4/2 STB            |
|                             |            |         |         | WTL 4                  |
|                             |            |         |         | WTR 4                  |
|                             |            |         |         | WTR 4 STB              |
|                             |            |         |         | KDKS 1/EN4             |
|                             |            |         |         | KDKS 1 PE/35           |
|                             |            |         |         | MAK 2.5 DB             |

<sup>1)</sup> Passed with lowered current rating<sup>2)</sup> Passed with differing number of wires<sup>3)</sup> Still in work

## The maximum number of identical cross-sections

| UL Rated Terminal Blocks                   |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
|--------------------------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-----------------|------------------------|------------------------|------------------------|------------------------|------------|-------------------------|------------|------------|------------|-------------|-------------|-------------|---|
| Wire cross-section AWG (mm <sup>2</sup> )  |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| #30<br>(0.05)                              | #28<br>(0.08)   | #26<br>(0.13)   | #24<br>(0.21)   | #22<br>(0.33)   | #20<br>(0.5)           | #18<br>(0.75)   | #16<br>(1.5)           | #14<br>(2.5)           | #12<br>(4)             | #10<br>(6)             | #8<br>(10) | #6<br>(16)              | #4<br>(25) | #2<br>(35) | #1<br>(40) | 1/0<br>(50) | 2/0<br>(70) | 3/0<br>(80) |   |
| Number of the same Size Wires per Terminal |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 3                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | 4               | 4 (29 A) <sup>1)</sup> | 3               | 3                      | 2                      | 1                      | 1                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | 4               | 4 (30 A) <sup>1)</sup> | 3               | 3                      | 3                      | 2                      | 1                      | 1          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | 4               | 4                      | 4               | 4 (46 A) <sup>1)</sup> | 3 (50 A) <sup>1)</sup> | 2 (50 A) <sup>1)</sup> | 1                      | 1          | 1                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | -               | -                      | -               | 4 (67 A) <sup>1)</sup> | 4 (62 A) <sup>1)</sup> | 3 (71 A) <sup>1)</sup> | 2 (67 A) <sup>1)</sup> | 1          | 1                       | 1          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | -               | -                      | -               | -                      | 3                      | 3                      | 3 (90 A) <sup>1)</sup> | 2          | 2 (114 A) <sup>1)</sup> | 1          | 1          | 1          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 3                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | 4               | 4                      | 3               | 3                      | 2                      | 1                      | 1                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | 4               | 4                      | 3               | 3                      | 3                      | 2                      | 1                      | 1          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | 4               | 4                      | 4               | 4                      | 3                      | 2                      | 1                      | 1          | 1                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | -               | -                      | -               | 4                      | 4                      | 3                      | 2                      | 1          | 1                       | 1          | -          | -          | -           | -           | -           | - |
| -                                          | -               | -               | -               | -               | -                      | -               | -                      | 3                      | 3                      | 3                      | 2          | 2                       | 1          | 1          | 1          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 2                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 2                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | 4               | 4               | 4               | 3                      | 1               | 1                      | 1                      | -                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | 4               | 4               | 4               | 3                      | 1               | 1                      | 1                      | -                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 3                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | 4               | 4               | 4               | 3                      | 1               | 1                      | 1                      | -                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | 4               | 4               | 4               | 3                      | 1               | 1                      | 1                      | -                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| -                                          | -               | 4               | 4               | 4               | 3                      | 1               | 1                      | 1                      | -                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 2                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 3                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 3               | 2                      | 2                      | 1                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
| 4                                          | 4               | 4               | 4               | 4               | 4                      | 2               | 1                      | 1                      | -                      | -                      | -          | -                       | -          | -          | -          | -           | -           | -           | - |
|                                            |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        | 2          | 2                       | 1          | 1          | 1          | 1           |             |             |   |
|                                            |                 |                 |                 |                 |                        |                 |                        | 5                      | 5                      | 5                      | 2          | 2                       | 1          | 1          | 1          | 1           |             |             |   |
|                                            |                 |                 |                 |                 |                        |                 |                        | 5                      | 5                      | 5                      | 2          | 2                       | 2          | 1          | 1          | 1           | 1           |             |   |
|                                            |                 |                 |                 | 4               | 4                      | 3               | 2                      | 1                      | 1                      |                        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 | 4               | 4                      | 3               | 2                      | 1                      | 1                      |                        |            |                         |            |            |            |             |             |             |   |
| 4                                          | 4               | 4 <sup>3)</sup> | 4 <sup>3)</sup> | 3 <sup>3)</sup> | 3 <sup>3)</sup>        | 3 <sup>3)</sup> | 3 <sup>3)</sup>        | 2 <sup>3)</sup>        | 1                      |                        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        | 2          | 2                       | 1          | 1          | 1          | 1           |             |             |   |
|                                            |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        | 2          | 2                       | 1          | 1          | 1          | 1           |             |             |   |
|                                            |                 |                 |                 |                 |                        |                 |                        | 5                      | 5                      | 5                      | 2          | 2                       | 2          | 1          | 1          | 1           | 1           |             |   |
|                                            |                 |                 |                 |                 |                        |                 |                        | 5                      | 5                      | 5                      | 2          | 2                       | 2          | 1          | 1          | 1           | 1           |             |   |
|                                            |                 |                 |                 | 4               | 4                      | 3               | 2                      | 1                      | 1                      |                        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 | 4               | 4                      | 3               | 2                      | 1                      | 1                      |                        |            |                         |            |            |            |             |             |             |   |
| 4                                          | 4               | 4               | 4               | 3               | 3                      | 3               | 3                      | 2                      | 1                      |                        |            |                         |            |            |            |             |             |             |   |
| covered by WDK 4N                          |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| covered by WDK 4N                          |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 | 4 <sup>2)</sup> | 4 <sup>2)</sup>        | 3 <sup>2)</sup> | 3 <sup>2)</sup>        | 2 <sup>2)</sup>        | 1 <sup>2)</sup>        | 1 <sup>2)</sup>        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ                        |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ                        |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ                        |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ                        |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ                        |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 | 4 <sup>2)</sup> | 4 <sup>2)</sup>        | 3 <sup>2)</sup> | 3 <sup>2)</sup>        | 2 <sup>2)</sup>        | 1 <sup>2)</sup>        | 1 <sup>2)</sup>        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ                        |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 | 4 <sup>2)</sup> | 4 <sup>2)</sup>        | 3 <sup>2)</sup> | 3 <sup>2)</sup>        | 2 <sup>2)</sup>        | 1 <sup>2)</sup>        | 1 <sup>2)</sup>        |            |                         |            |            |            |             |             |             |   |
|                                            |                 |                 |                 | 4 <sup>2)</sup> | 4 <sup>2)</sup>        | 3 <sup>2)</sup> | 3 <sup>2)</sup>        | 2 <sup>2)</sup>        | 1 <sup>2)</sup>        | 1 <sup>2)</sup>        |            |                         |            |            |            |             |             |             |   |
| covered by WTR 4/ZZ STB 2.3                |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| covered by KDKS 1/PE/35                    |                 |                 |                 |                 |                        |                 |                        |                        |                        |                        |            |                         |            |            |            |             |             |             |   |
| 4 <sup>2)</sup>                            | 4 <sup>2)</sup> | 4 <sup>2)</sup> | 4 <sup>2)</sup> | 4 <sup>2)</sup> | 4 <sup>2)</sup>        | 3 <sup>2)</sup> | 3 <sup>2)</sup>        | 2 <sup>2)</sup>        | 1 <sup>2)</sup>        | 1 <sup>2)</sup>        |            |                         |            |            |            |             |             |             |   |
| 4 <sup>2)</sup>                            | 4 <sup>2)</sup> | 4 <sup>2)</sup> | 4 <sup>2)</sup> | 4 <sup>2)</sup> | 4 <sup>2)</sup>        | 3 <sup>2)</sup> | 3 <sup>2)</sup>        | 2 <sup>2)</sup>        | 1 <sup>2)</sup>        | 1 <sup>2)</sup>        |            |                         |            |            |            |             |             |             |   |

# Connecting the terminals

## Cross-connections systems

Weidmüller can supply the cross-connections WQV and ZQV – fully insulated against electric shock – with various numbers of poles (2- to 20-pole). Please note that the rated voltage is reduced when using cross-connections.

Protection against electric shock is not provided at the ends of shortened cross-connections.

Such cross-connections must be used with partition plates or end plates in order to maintain the rated voltage.

## Leaf clamp conductor connection for large cross-sections

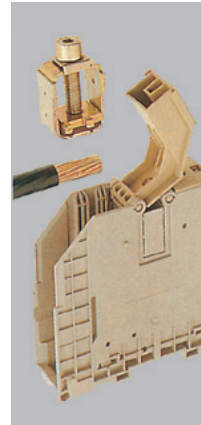
It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily placed in the modular terminal.

In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity.

Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

- Constant force transfer through self adjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly.



Insert conductor and replace screw assembly.



Close cover and tighten screw with Allen key.

# The use of aluminium conductors

Weidmüller terminal blocks are suitable for the direct connection of **single strand round** and **sector-shaped aluminium wires**.

In contrast to copper, aluminium exhibits certain characteristics that must be taken into account when using this material as a conductor in electrical engineering.

A thin, non-conductive layer of oxide forms immediately on the unprotected surface of the aluminium as soon as it is exposed to the air.

This layer increases the contact resistance between the aluminium conductor and the current bar of the modular terminal. And that, in unfavourable conditions, can lead to poor contact.

1. Scrape the stripped end of the conductor carefully, eg. with a knife, to remove the layer of oxide.  
**Caution:** Do not use brushes, files or emery paper because particles of aluminium can be deposited on other conductors.
2. After removing the layer of oxide, coat the end of the conductor immediately with a neutral grease, e.g. acid- and alkalifree Vaseline, and connect it to the terminal immediately.
3. Repeat the above procedure if at any time the conductor is disconnected and reconnected.
4. The above installation instructions are valid for solid round or sector aluminium conductors only.

| Solid round and sector conductors |                       |                                                              |                            |                   |
|-----------------------------------|-----------------------|--------------------------------------------------------------|----------------------------|-------------------|
| Terminal type                     | Rated cross-section   | Reduced rated current when connecting an aluminium conductor | Clamping screw thread size | Tightening torque |
| <b>W-Series</b>                   | <b>mm<sup>2</sup></b> | <b>„A“</b>                                                   |                            | <b>Nm</b>         |
| WDU 2.5                           | 2.5                   | 20                                                           | M 2.5                      | 0.4               |
| WDU 4                             | 4                     | 27                                                           | M 3                        | 0.5               |
| WDU 6                             | 6                     | 35                                                           | M 3.5                      | 0.8               |
| WDU 10                            | 10                    | 48                                                           | M 4                        | 1.2               |
| WDU 16                            | 16                    | 50                                                           | M 5                        | 3.0               |
| WDU 35                            | 35                    | 60                                                           | M 6                        | 4.0               |
| WDU 120                           | 150                   | 290                                                          | M 10                       | 15.0              |
| WDU 240                           | 240                   | 415                                                          | M 10                       | 25.0-30.0         |
| <b>SAK-Series</b>                 |                       |                                                              |                            |                   |
| SAK 2.5                           | 2.5                   | 20                                                           | M 2.5                      | 0.5-0.8           |
| SAK 4                             | 4                     | 27                                                           | M 3                        | 0.6-1.0           |
| SAK 6                             | 6                     | 35                                                           | M 3.5                      | 1.2-1.6           |
| SAK 10                            | 10                    | 48                                                           | M 4                        | 2.0-2.4           |
| SAK 16                            | 16                    | 64                                                           | M 4                        | 2.0-2.4           |
| SAK 35                            | 35                    | 105                                                          | M 6                        | 4.0-6.0           |

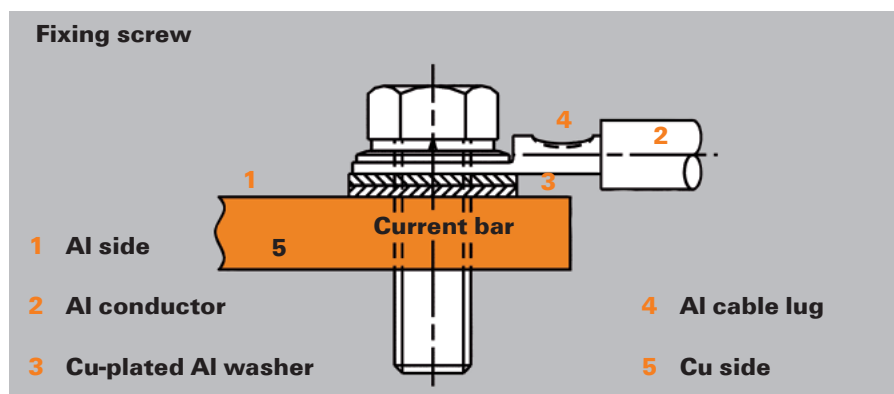
  

| Stranded conductors |     |     |      |           |
|---------------------|-----|-----|------|-----------|
| <b>W-Series</b>     |     |     |      |           |
| WFF 35              | 35  | 105 | M 6  | 3.0-6.0   |
| WFF 70              | 70  | 163 | M 8  | 6.0-12.0  |
| WFF 120             | 120 | 230 | M 10 | 10.0-20.0 |
| WFF 185             | 185 | 300 | M 12 | 15.5-31.0 |
| WFF 300             | 300 | 409 | M 16 | 30.0-60.0 |

## Installation advice when using flat cable lugs

When tightening the terminal it is advisable to hold the conductor to prevent deformation of the terminal rail and to avoid twisting the foot of the terminal. When connecting **stranded aluminium conductors** to modular terminals, it is advisable to use an aluminium cable lug chosen to match the type of conductor and connected according to the instructions of the cable lug manufacturer.

It is necessary to fit a copper-plated aluminium washer between the aluminium cable lug and the copper current bar of the modular terminal. This is the only way of guaranteeing a reliable transition between the copper and the aluminium. Fit the washer in such a way that the copper side is in contact with the current bar, and the aluminium side in contact with the cable lug.





# ATEX terminals blocks

## Modular terminals for explosive conditions – complying with the European ATEX Directive 94/9/EC

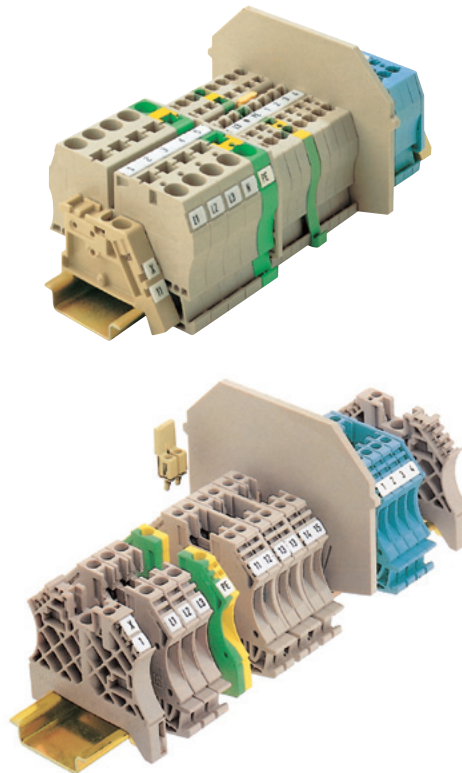
### Principles

IEC 60947-7-1 (EN 60 947-7-1/VDE 06 11pt.1) and IEC 60 947-7-2 (EN 60 947-7-2/ VDE 06 11pt.3) specify the basic provisions for modular terminals or PE terminals. In addition, when used in hazardous areas the standard EN 60079-0 applies; where increased safety 'e' is required EN 60079-7 applies. According to EN 60079-0 modular terminals for explosive conditions are so-called explosion-proof components. Components are those parts and assemblies that are necessary for the safe operation of devices and protective systems without themselves fulfilling an autonomous function.

Components are not marked with the CE mark in accordance with the European ATEX directive 94/9/EG. EX terminal blocks are certified for the increased safety "e" ignition protection category.

The certifying body approved under the Directive RL 94/9/EC issue EC Type Approval Certificates in accordance with EN 60079-0/60079-7 and the ATEX Directive 94/9/EC. By issuing the 'Production Quality Assurance Notification' the approved certifying authority KEMA confirms that the manufacturer has fulfilled the requirements contained in the ATEX Directive in accordance with the Appendices IV and VII. Copies of the EC Type Approval Certificates, the notifying committee and the Declarations of Conformity are available via the Internet.

The clamping yoke, tension clamp, insulation displacement and the PUSH IN terminal block system offer increased protection against accidental loosening and have been designed in such a manner that the ends of flexible wire conductors need no preparation.



### Marking

**RL94/9EG:** Ⓔ II 2 G-D

- Ⓔ Equipment for explosive conditions
- II 2-G Equipment group II category 2 (Zone 1 equipment)
- II 2-D Equipment group II category 2 (Zone 21 equipment)
- EN 60079-7:** Ex e II
- Ex Explosion protection
- e Increased safety
- II Equipment group

**KEMA 97ATEX4677U** (example)

- KEMA Notified body
- ATEX Conformity with 94/9/EG
- U Component

## Certified for the European Directive 94/9/EG – ATEX –

### Electrical data

The values for current-carrying capacity as stated in the catalogue are based on an ambient temperature of 40°C. When loaded with the rated current + 10%, the temperature of the current bar of the modular terminal may not rise more than 40 K.

Taking into account a further safety factor according to EN 60079-0, we reach the following definitions:

| Temperature class | Ambient temperature |
|-------------------|---------------------|
| T6                | -50 °C to +40 °C    |
| T5 to T1          | -50 °C to +55 °C    |

The permitted nominal current must be reduced accordingly if the actual ambient temperature is higher.

The continuous operating temperature to EN 60079-0 for the material KRG is 130 °C, for Wemid it is 120 °C and for the material PA it is 80 °C.

### Accessories

The accessories listed can be used and included in the ATEX certification. Where necessary, end plates or partitions must be installed as described to ensure adherence to creepage and clearance distances for Ex e applications.

### Design for Ex i

Terminals for intrinsically-safe circuits ("i") are passive components. Therefore, for use in intrinsically-safe circuits, you do not need an EC-standard examination certificate.

The blue terminals are recommended for clear labelling and easy recognition. The construction type of these terminals must comply with EN 60079-11.

Additional information about using Weidmüller terminals in intrinsically-safe circuits can be requested from the manufacturer.

### Accessories

The accessories listed can be used and comply with EN 60079-11.

### Current-carrying capacity of cables and lines

| Nominal currents |                                                                                                           |                                                                               |                                                                                                                                 |
|------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Cross-sect.      | VDE 0298 part 4 (IEC364-5-523)                                                                            |                                                                               | EN 60079-7                                                                                                                      |
|                  | Current-carrying capacity of lines                                                                        |                                                                               | Type of ignition "increased safety"                                                                                             |
|                  | Ambient temperature 30 °C<br>Factor 1.0<br>Installation type C<br>+ 3 current-carrying wires<br>PVC 70 °C | Umgebungstemp. 40 °C,<br>Faktor 0.87<br>Verlegeart C + 3 bel. Adern PVC 70 °C | Connection terminals<br>Ambient temperature 40 °C,<br>40 K temperature rise<br>Current equivalent to the<br>conductor connected |
|                  | A                                                                                                         | A                                                                             | A                                                                                                                               |
| 1.5              | 17.5                                                                                                      | 15.225                                                                        | 15                                                                                                                              |
| 2.5              | 24                                                                                                        | 20.88                                                                         | 21                                                                                                                              |
| 4                | 32                                                                                                        | 27.84                                                                         | 28                                                                                                                              |
| 6                | 41                                                                                                        | 35.67                                                                         | 36                                                                                                                              |
| 10               | 57                                                                                                        | 49.59                                                                         | 50                                                                                                                              |
| 16               | 76                                                                                                        | 66.12                                                                         | 66                                                                                                                              |
| 25               | 101                                                                                                       | 87.87                                                                         | 88                                                                                                                              |
| 35               | 125                                                                                                       | 108.75                                                                        | 109                                                                                                                             |
| 50               | 150                                                                                                       | 130.5                                                                         | 131                                                                                                                             |
| 70               | 192                                                                                                       | 167.04                                                                        | 167                                                                                                                             |
| 95               | 232                                                                                                       | 201.84                                                                        | 202                                                                                                                             |
| 120              | 269                                                                                                       | 234.03                                                                        | 234                                                                                                                             |
| 150              | 309                                                                                                       | 268.83                                                                        | 267                                                                                                                             |
| 185              | 353                                                                                                       | 307.11                                                                        | 307                                                                                                                             |
| 240              | 415                                                                                                       | 361.05                                                                        | 361                                                                                                                             |
| 300              | 520                                                                                                       | 452.4                                                                         | 452                                                                                                                             |

The current-carrying capacity of cables and lines in the installation is defined by VDE 0298 part 4 as normal at an ambient temperature of 30 °C. At 40 °C the operating current must be reduced by a factor of 0.87.

### Installation

The general statements regarding standard applications are also valid for Ex i applications. In particular, the Ex i requirements always apply to the entire circuit, i.e. also to parts in areas not at risk of explosion.

### Clamping of two conductors in Ex e applications

For the terminals from our W-series, it is normally permitted to connect two wires per clamping position as long as this is permitted in accordance with the type test according to IEC 60947-7-1 or 60947-7-2. It is important to be sure that two of the same cross-sections are used below the rated cross-section.



# ATEX directives

Since July 1, 2003, all new facilities in explosion risk zones must be certified according to ATEX Directive 94/9/EG or ATEX 95 (ATEX: ATmosphère EXplosive = explosive atmosphere). This directive is one of the “New-Approach” directives. It is valid in all European Union countries, as well as Iceland, Lichtenstein and Norway. In these countries, the directive refers to the sale and commissioning of products which have been designed particularly for high explosion risk environments (where explosive atmospheres exist due to gases, vapours, mists, or dusts). It now also covers the mining sector and purely mechanical devices.

## Class of protection

| Type of protection    | Code | CENELEC EN | IEC      | Product category explosion protect. |
|-----------------------|------|------------|----------|-------------------------------------|
| General requirements  | –    | 60079-0    | 60079-0  | –                                   |
| Oil immersion         | o    | 60079-6    | 60079-6  | 2                                   |
| Pressurised apparatus | p    | 60079-2    | 60079-2  | 2                                   |
| Powder filling        | q    | 60079-5    | 60079-5  | 2                                   |
| Flameproof enclosure  | d    | 60079-1    | 60079-1  | 2                                   |
| Increased safety      | e    | 60079-7    | 60079-7  | 2                                   |
| Intrinsic safety      | ia   | 60079-11   | 60079-11 | 1                                   |
| Intrinsic safety      | ib   | 60079-11   | 60079-11 | 2                                   |
| Intrinsic safety      | ic   | 60079-11   | 60079-11 | 3                                   |
| Type n (Ex n)         | n    | 60079-15   | 60079-15 | 3                                   |
| Encapsulation         | m    | 60079-18   | 60079-18 | 2                                   |

## Classification for potentially explosive areas

| CENELEC classification IEC 60079-10 | Presence of potentially explosive atmosphere | Product category | US classification NEC 500 | Combustible media |
|-------------------------------------|----------------------------------------------|------------------|---------------------------|-------------------|
| Zone 0                              | permanent, long-term                         | 1G               | Class I, Div 1            | Gases, Vapours    |
| Zone 20                             | or frequently                                | 1D               | Class II, Div 1           | Dust              |
| Zone 1                              | occasionally                                 | 2G               | Class I, Div 1            | Gases, Vapours    |
| Zone 20                             |                                              | 2D               | Class II, Div 1           | Dust              |
| Zone 2                              | rarely and                                   | 3G               | Class I, Div 2            | Gases, Vapours    |
| Zone 22                             | briefly                                      | 3D               | Class II, Div 2           | Dust              |

## Explosion groups

| Gas (e.g.)       | CENELEC | NEC 500       |
|------------------|---------|---------------|
| Propane          | IIA     | D             |
| Ethylene         | IIB     | C             |
| Hydrogen         | IIC     | B             |
| Acetylene        | IIC     | A             |
| Methane (mining) | I       | mining (MSHA) |

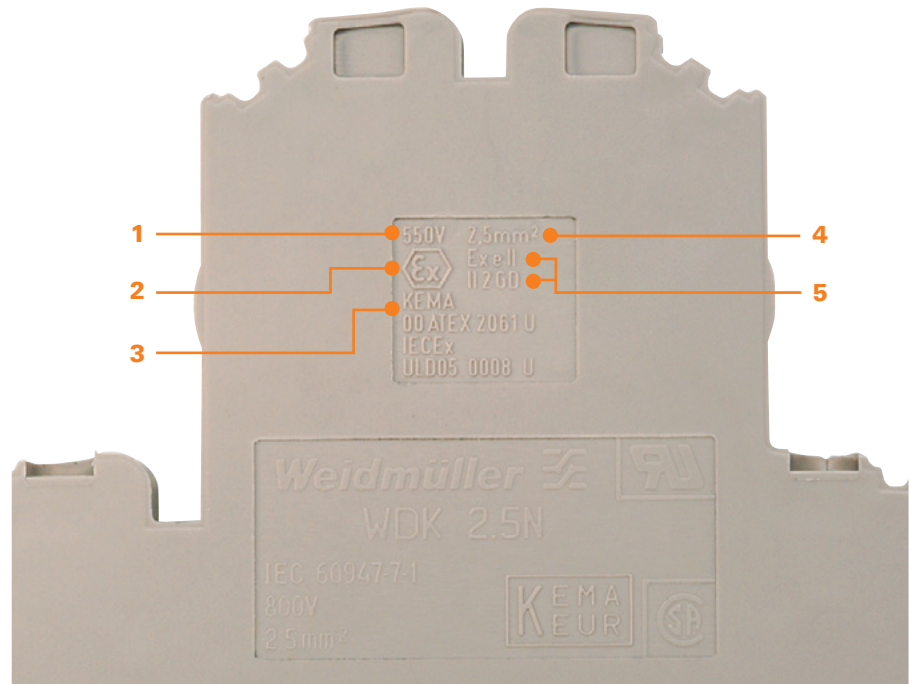
## Temperature classes

| Max. surface temperatur (°C) | Temperature class CENELEC | Temperature class NEC 500-3 |
|------------------------------|---------------------------|-----------------------------|
| 450                          | T1                        | T1                          |
| 300                          | T2                        | T2                          |
| 280                          | –                         | T2A                         |
| 260                          | –                         | T2B                         |
| 230                          | –                         | T2C                         |
| 215                          | –                         | T2D                         |
| 200                          | T3                        | T3                          |
| 180                          | –                         | T3A                         |
| 165                          | –                         | T3B                         |
| 160                          | –                         | T3C                         |
| 135                          | T4                        | T4                          |
| 120                          | –                         | T4A                         |
| 100                          | T5                        | T5                          |
| 85                           | T6                        | T6                          |

## ATEX codes

### Example of marking – modular terminal WDK 2.5 N

- 1** • Rated voltage
- 2** • European symbol for explosion protection.
- 3** • Certificate number
- 4** • Rated conductor cross-section
- 5** • CENELEC explosion protection type “e” – Group II (gases, vapours, mists)
  - Device category 2 – Application in Zone 1 or 2
  - Approval for applications in gases (“G”) or dusts (“D”).



## ATEX cross-connection instructions

Current versions can be found in our online product catalogue

ATEX

Maximum voltage

| Range <sup>1)</sup> | Certificate No.      | Rated voltage<br>/ V | Rated current<br>/ A | Rated current<br>with QV<br>/ A | Nominal<br>cross-section<br>/ mm² |
|---------------------|----------------------|----------------------|----------------------|---------------------------------|-----------------------------------|
| <b>AKZ...</b>       |                      |                      |                      |                                 |                                   |
| AKZ 1.5             | SIRA 02ATEX3001 U    | 176                  | 15                   | 15                              | 1.5                               |
| AKZ 2.5             | SIRA 02ATEX3001 U    | 176                  | 21                   | 21                              | 2.5                               |
| AKZ 4               | SIRA 02ATEX3001 U    | 275                  | 28                   | 28                              | 4                                 |
| <b>BK...</b>        |                      |                      |                      |                                 |                                   |
| BK 2/E ... BK 12/E  | SIRA 01ATEX3247 U    | 275                  | 28                   | 25                              | 4                                 |
| <b>DK 4 ...</b>     |                      |                      |                      |                                 |                                   |
| DK 4                | SIRA 02ATEX3316 U    | 275                  | 28                   | 21                              | 4                                 |
| DK 4Q               | SIRA 02ATEX3316 U    | 275                  | 28                   | 21                              | 4                                 |
| DK 4QV              | SIRA 02ATEX3316 U    | 275                  | 28                   | 21                              | 4                                 |
| <b>I ... Series</b> |                      |                      |                      |                                 |                                   |
| IDK 1.5N            | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDK 1.5N/V          | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDU 1.5N            | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDU 1.5N/2X2AN      | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDU 1.5N/ZF         | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDU 1.5N/ZB         | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDU 1.5N/3AN/ZB     | KEMA 02ATEX2241 U    | 275                  | 15                   | 15                              | 1.5                               |
| IDU 2.5N            | DEMKO 03ATEX134054 U | 550                  | 21                   | 21                              | 2.5                               |
| IDU 2.5N/3AN        | DEMKO 03ATEX134054 U | 550                  | 21                   | 21                              | 2.5                               |
| IDU 2.5N/4AN        | DEMKO 03ATEX134054 U | 550                  | 21                   | 21                              | 2.5                               |
| IDU 2.5N/2x2AN      | DEMKO 03ATEX134054 U | 550                  | 21                   | 21                              | 2.5                               |
| IDU 2.5N/ZF         | DEMKO 03ATEX134054 U | 550                  | 21                   | 21                              | 2.5                               |
| IDU 2.5N/ZB         | DEMKO 03ATEX134054 U | 550                  | 21                   | 21                              | 2.5                               |
| <b>MK ...</b>       |                      |                      |                      |                                 |                                   |
| MK 3/.../E          | SIRA 01ATEX3248U     | 275                  | 21                   | 21                              | 2.5                               |
| MK 6/.../E          | SIRA 01ATEX3249U     | 440                  | 36                   | 36                              | 6                                 |

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.

| Maximum voltage / V<br>(letters refer to the above diagrams) |     |     |     |     |     |     |   |
|--------------------------------------------------------------|-----|-----|-----|-----|-----|-----|---|
| A                                                            | C   | D   | E   | F   | G   | H   | I |
| 176                                                          | 176 | –   | 176 | 176 | –   | –   | – |
| 176                                                          | 176 | –   | 176 | 176 | –   | –   | – |
| 275                                                          | 275 | –   | 275 | 275 | –   | –   | – |
| 176                                                          | –   | –   | –   | –   | –   | –   | – |
| 275                                                          | 275 | –   | 275 | 275 | –   | –   | – |
| 275                                                          | 275 | –   | 275 | 275 | –   | –   | – |
| 275                                                          | 275 | 275 | –   | –   | –   | –   | – |
| 275                                                          | 275 | 275 | –   | –   | –   | –   | – |
| 275                                                          | 275 | 275 | 275 | 275 | 275 | 275 | – |
| 275                                                          | 275 | 275 | 275 | 275 | 275 | 275 | – |
| 275                                                          | 275 | 275 | 275 | 275 | 275 | 275 | – |
| 275                                                          | 275 | 275 | 275 | 275 | 275 | 275 | – |
| 550                                                          | 550 | 550 | 550 | 550 | 550 | –   | – |
| 550                                                          | 550 | 550 | 550 | 550 | 550 | –   | – |
| 550                                                          | 550 | 550 | 550 | 550 | 550 | –   | – |
| 550                                                          | 550 | 550 | 550 | 550 | 550 | –   | – |
| 550                                                          | 550 | 275 | 550 | 550 | 275 | –   | – |
| 550                                                          | 550 | 275 | 550 | 550 | 275 | –   | – |
| 176                                                          | –   | –   | –   | –   | –   | –   | – |
| 275                                                          | –   | –   | –   | –   | –   | –   | – |

## Maximum voltage

| Range <sup>1)</sup>          | Certificate No.    | Rated voltage / V | Rated current / A | Rated current with QV / A | Nominal cross-section / mm <sup>2</sup> |
|------------------------------|--------------------|-------------------|-------------------|---------------------------|-----------------------------------------|
| <b>P ...</b>                 |                    |                   |                   |                           |                                         |
| PDU 2.5/4                    | KEMA 06ATEX0177U   | 550               | 29                | 25.5                      | 4                                       |
| PDU 2.5/4/3AN                | KEMA 06ATEX0177U   | 550               | 29                | 25.5                      | 4                                       |
| PDU 2.5/4/4AN                | KEMA 06ATEX0177U   | 550               | 29                | 26.5                      | 4                                       |
| PDU 6/10                     | KEMA 06ATEX0177U   | 550               | 37                | 26.5                      | 6                                       |
| PDU 6/10/3AN                 | KEMA 06ATEX0177U   | 550               | 36.5              | 29.5                      | 6                                       |
| PDU 16                       | KEMA 06ATEX0177U   | 550               | 59                | 57.5                      | 16                                      |
| PEI 16                       | KEMA 06ATEX0177U   | 550               | 66.5              | 25 (37) <sup>4)</sup>     | 16                                      |
| <b>SAK ...TS 32/TS 35</b>    |                    |                   |                   |                           |                                         |
| SAK 2.5                      | KEMA 97ATEX1798 U  | 550               | 21                | 21                        | 2.5                                     |
| SAK 4                        | KEMA 97ATEX1798 U  | 550               | 28                | 28                        | 4                                       |
| SAK 6N                       | KEMA 97ATEX1798 U  | 550               | 36                | 36                        | 6                                       |
| SAK 10                       | KEMA 97ATEX1798 U  | 550               | 50                | 50                        | 10                                      |
| SAK 16                       | KEMA 97ATEX1798 U  | 690               | 66                | 66                        | 16                                      |
| SAK 35                       | KEMA 97ATEX1798 U  | 550               | 109               | 99                        | 35                                      |
| <b>SAK ... EN on TS32</b>    |                    |                   |                   |                           |                                         |
| SAK 2.5 EN                   | KEMA 97ATEX1798 U  | 440               | 21                | 21                        | 2.5                                     |
| SAK 4 EN                     | KEMA 97ATEX1798 U  | 440               | 28                | 28                        | 4                                       |
| SAK 6N EN                    | KEMA 97ATEX1798 U  | 440               | 36                | 36                        | 6                                       |
| SAK 10 EN                    | KEMA 97ATEX1798 U  | 440               | 50                | 50                        | 10                                      |
| SAK 16 EN                    | KEMA 97ATEX1798 U  | 440               | 66                | 66                        | 16                                      |
| SAK 35 EN                    | KEMA 97ATEX1798 U  | 440               | 109               | 109                       | 35                                      |
| <b>SAK ... EN on TS35</b>    |                    |                   |                   |                           |                                         |
| SAK 2.5 EN                   | KEMA 97ATEX1798 U  | 690               | 21                | 21                        | 2.5                                     |
| SAK 4 EN                     | KEMA 97ATEX1798 U  | 690               | 28                | 28                        | 4                                       |
| SAK 6N EN                    | KEMA 97ATEX1798 U  | 690               | 36                | 36                        | 6                                       |
| SAK 10 EN                    | KEMA 97ATEX1798 U  | 690               | 50                | 50                        | 10                                      |
| SAK 16 EN                    | KEMA 97ATEX1798 U  | 690               | 66                | 66                        | 16                                      |
| SAK 35 EN                    | KEMA 97ATEX1798 U  | 690               | 109               | 109                       | 35                                      |
| <b>SAK 4 EP/SAKH 6-35 EP</b> |                    |                   |                   |                           |                                         |
| SAK 4 EP/SW                  | KEMA05ATEX2061U    | 550               | 32                | 32                        | 4                                       |
| SAKH 6 EP/SW                 | KEMA05ATEX2061U    | 1100              | 57                | 57                        | 10                                      |
| SAKH 10 EP/SW                | KEMA05ATEX2061U    | 1100              | 57                | 57                        | 10                                      |
| SAKH 35 EP/SW                | KEMA05ATEX2061U    | 1100              | 125               | 125                       | 35                                      |
| <b>SAKK ...</b>              |                    |                   |                   |                           |                                         |
| SAKK 4                       | SIRA 03 ATEX3425 U | 275               | 28                | 28                        | 4                                       |
| SAKK 10                      | SIRA 03 ATEX3425 U | 275               | 50                | 50                        | 10                                      |
| <b>W ...</b>                 |                    |                   |                   |                           |                                         |
| WDK 1.5/R3.5                 | KEMA 99ATEX6545 U  | 275               | 14                | 11                        | 1.5                                     |
| WDK 2.5                      | KEMA 98ATEX1687 U  | 275               | 21                | 21                        | 2.5                                     |
| WDK 2.5V                     | KEMA 98ATEX1687 U  | 275               | 21                | 21                        | 2.5                                     |
| WDK 2.5DU-PE                 | KEMA 98ATEX1687 U  | 275               | 21                | 21                        | 2.5                                     |
| WDK 2.5/EX                   | KEMA 98ATEX1687 U  | 440               | 24                | 22                        | 2.5                                     |
| WDK 2.5N                     | KEMA 00ATEX2061 U  | 550               | 21                | 21                        | 2.5                                     |
| WDK 2.5N V                   | KEMA 00ATEX2061 U  | 550               | 21                | 21                        | 2.5                                     |
| WDK 4N                       | KEMA 00ATEX2061 U  | 550               | 28                | 28                        | 4                                       |
| WDK 4N V                     | KEMA 00ATEX2061 U  | 550               | 28                | 28                        | 4                                       |
| WDU 1.5/ZZ                   | KEMA 98ATEX1685 U  | 550               | 15                | 15                        | 1.5                                     |
| WDU 2.5/1.5/ZR               | KEMA 98ATEX1685 U  | 550               | 15                | 15                        | 1.5                                     |
| WDU 1.5/R3.5                 | KEMA 99ATEX6545 U  | 275               | 15                | 11                        | 1.5                                     |
| WDU 2.5N                     | KEMA 98ATEX1683 U  | 440               | 21                | 21                        | 2.5                                     |
| WDU 2.5                      | KEMA 98ATEX1683 U  | 550               | 21                | 21                        | 2.5                                     |
| WDU 4                        | KEMA 98ATEX1683 U  | 690               | 28                | 28                        | 4                                       |
| WDU 4N                       | TÜV 04ATEX2630 U   | 440               | 27                | 27                        | 4                                       |
| WDU 6                        | KEMA 98ATEX1683 U  | 550               | 36                | 36                        | 6                                       |
| WDU 10                       | KEMA 98ATEX1683 U  | 550               | 50                | 50                        | 10                                      |
| WDU 16                       | KEMA 98ATEX1683 U  | 690               | 66                | 66                        | 16                                      |
| WDU 35                       | KEMA 98ATEX1683 U  | 690               | 109               | 109                       | 35                                      |
| WDU 50N                      | KEMA 98ATEX1683 U  | 690               | 126               | 126                       | 50                                      |
| WDU 70N                      | KEMA 98ATEX1683 U  | 690               | 167               | 167                       | 70                                      |
| WDU 70/95                    | KEMA 98ATEX1686 U  | 690               | 202               | 202                       | 95                                      |

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.<sup>4)</sup> For PDU2.5/4 and ZDV 2.5 cross-connection: 25 A; For PDU 6/10 and ZDV 6N cross-connection: 37 A

| Maximum voltage / V<br>(letters refer to the above diagrams) |      |     |      |      |     |                   |                  |
|--------------------------------------------------------------|------|-----|------|------|-----|-------------------|------------------|
| A                                                            | C    | D   | E    | F    | G   | H                 | I                |
| 275                                                          | 550  | 176 | 275  | 275  | 176 | 176               |                  |
| 275                                                          | 550  | 176 | 275  | 275  | 176 | 176               |                  |
| 275                                                          | 550  | 176 | 275  | 275  | 176 | 176               |                  |
| 550                                                          | 550  | 275 | 550  | 550  | -   | 220               |                  |
| 550                                                          | 550  | 275 | 550  | 550  | -   | 220               |                  |
| 275                                                          | 550  | -   | 275  | 275  | -   | 110               |                  |
| 275                                                          | -    | -   | -    | -    | -   | -                 |                  |
| 550                                                          | 550  | 176 | 550  | 550  | -   | -                 | -                |
| 550                                                          | 550  | 176 | 550  | 550  | -   | -                 | -                |
| 550                                                          | 550  | 176 | 550  | 550  | -   | -                 | -                |
| 550                                                          | 550  | 176 | 550  | 550  | -   | -                 | -                |
| 550                                                          | 550  | 176 | 690  | 690  | -   | -                 | -                |
| 550                                                          | 550  | 176 | 550  | 550  | -   | -                 | -                |
| 440                                                          | 440  | 440 | 440  | 440  | -   | -                 | -                |
| 440                                                          | 440  | 440 | 440  | 440  | -   | -                 | -                |
| 440                                                          | 440  | 440 | 440  | 440  | -   | -                 | -                |
| 440                                                          | 440  | 440 | 440  | 440  | -   | -                 | -                |
| 440                                                          | 440  | 440 | 440  | 440  | -   | -                 | -                |
| 440                                                          | 440  | 440 | 440  | 440  | -   | -                 | -                |
| 690                                                          | 690  | 440 | 690  | 690  | -   | -                 | -                |
| 690                                                          | 690  | 690 | 690  | 690  | -   | -                 | -                |
| 690                                                          | 690  | 690 | 690  | 690  | -   | -                 | -                |
| 690                                                          | 690  | 690 | 690  | 690  | -   | -                 | -                |
| 690                                                          | 690  | 690 | 690  | 690  | -   | -                 | -                |
| 690                                                          | 690  | 690 | 690  | 690  | -   | -                 | -                |
| 550                                                          | 550  | 176 | 550  | 550  | -   | -                 | -                |
| 1100                                                         | 1100 | 176 | 1100 | 1100 | -   | -                 | -                |
| 1100                                                         | 1100 | 176 | 1100 | 1100 | -   | -                 | -                |
| 1100                                                         | 1100 | 440 | 1100 | 1100 | -   | -                 | -                |
| 275                                                          | 275  | -   | 275  | 275  | -   | -                 | -                |
| 275                                                          | 275  | -   | 275  | 275  | -   | -                 | -                |
| 176                                                          | 275  | -   | -    | -    | -   | -                 | -                |
| 275                                                          | 275  | 60  | 275  | 275  | 60  | -                 | -                |
| 275                                                          | 275  | 60  | 275  | 275  | 60  | -                 | -                |
| 275                                                          | 275  | 60  | 275  | 275  | 60  | -                 | -                |
| 440                                                          | 440  | 176 | 440  | 440  | 176 | -                 | -                |
| 550                                                          | 550  | 275 | 550  | 550  | 275 | -                 | -                |
| 550                                                          | 550  | 275 | 550  | 550  | 275 | -                 | -                |
| 550                                                          | 550  | 275 | 550  | 550  | 275 | -                 | -                |
| 550                                                          | 550  | 110 | 550  | 550  | 110 | 110               | -                |
| 550                                                          | 550  | 110 | 550  | 550  | 110 | 110               | -                |
| 176                                                          | 275  | -   | -    | -    | -   | -                 | -                |
| 440                                                          | 440  | 110 | 440  | 440  | 110 | -                 | -                |
| 550                                                          | 550  | 110 | 440  | 550  | 110 | 110 <sup>2)</sup> | 60 <sup>3)</sup> |
| 690                                                          | 690  | 110 | 440  | 690  | 110 | -                 | -                |
| 440                                                          | 275  | 69  | 440  | 440  | 69  | 69                | -                |
| 550                                                          | 550  | 110 | 440  | 550  | 110 | -                 | -                |
| 550                                                          | 550  | 110 | 440  | 550  | 110 | -                 | -                |
| 690                                                          | 690  | 110 | 690  | 690  | 110 | -                 | -                |
| 690                                                          | 690  | 110 | 690  | 690  | 110 | -                 | -                |
| 550                                                          | -    | -   | 550  | 550  | -   | -                 | -                |
| 550                                                          | -    | -   | 550  | 550  | -   | -                 | -                |
| 690                                                          | -    | -   | 690  | 690  | -   | -                 | -                |

<sup>2)</sup> The outer cross-connection openings must be used for type ZDV.<sup>3)</sup> Only possible with ZDV.

Maximum voltage

| Range <sup>1)</sup> | Certificate No.   | Rated voltage / V | Rated current / A | Rated current with QV cross-section / A | Nominal / mm <sup>2</sup> |
|---------------------|-------------------|-------------------|-------------------|-----------------------------------------|---------------------------|
| <b>W...</b>         |                   |                   |                   |                                         |                           |
| WDU 95N/120N        | KEMA 98ATEX1683 U | 880               | 243               | 243                                     | 120                       |
| WDU 120/150         | KEMA 98ATEX1686 U | 1100              | 234               | 234                                     | 120                       |
| WDU 240             | KEMA 01ATEX2186 U | 1100              | 350               | 270                                     | 240                       |
| WDU 4 SL            | SIRA 02ATEX3242 U | 275               | 28                | 28                                      | 4                         |
| WDU 6 SL            | SIRA 02ATEX3242 U | 275               | 36                | 36                                      | 6                         |
| WDU 10 SL           | SIRA 02ATEX3242 U | 275               | 50                | 50                                      | 10                        |
| <b>Z...</b>         |                   |                   |                   |                                         |                           |
| ZDK 2.5/1.5         | KEMA 97ATEX4677 U | 275               | 18                | 18                                      | 2.5                       |
| ZDK 2.5/1.5V        | KEMA 97ATEX4677 U | 420               | 20                | 19                                      | 2.5                       |
| ZDK 2.5/1.5NDU      | KEMA 97ATEX4677 U | 275               | 20                | 20                                      | 2.5                       |
| ZDK 2.5/1.5NPE      | KEMA 97ATEX4677 U | 275               | 20                | 20                                      | 2.5                       |
| ZDK 2.5/1.5DU-PE    | KEMA 97ATEX4677 U | 275               | 20                | 20                                      | 2.5                       |
| ZDK 2.5-2           | KEMA 97ATEX4677 U | 550               | 20                | 18                                      | 2.5                       |
| ZDK 2.5-2V          | KEMA 97ATEX4677 U | 550               | 22                | 18                                      | 2.5                       |
| ZDK 2.5-2DU-PE      | KEMA 97ATEX4677 U | 550               | 20                | 18                                      | 2.5                       |
| ZDK 2.5/3AN         | KEMA 06ATEX0271U  | 550               | 21.5              | 21                                      | 2.5                       |
| ZDK 2.5/3AN V       | KEMA 06ATEX0271U  | 550               | 21                | 18.5                                    | 2.5                       |
| ZDK 2.5/3AN DU-PE   | KEMA 06ATEX0271U  | 550               | 21                | 21                                      | 2.5                       |
| ZDU 1.5             | KEMA 01ATEX2106 U | 550               | 15                | 15                                      | 1.5                       |
| ZDU 1.5/3AN         | KEMA 01ATEX2106 U | 550               | 15                | 15                                      | 1.5                       |
| ZDU 1.5/4AN         | KEMA 01ATEX2106 U | 550               | 15                | 15                                      | 1.5                       |
| ZDU 2.5             | KEMA 97ATEX2521 U | 550               | 21                | 21                                      | 2.5                       |
| ZDU 2.5/3AN         | KEMA 97ATEX2521 U | 550               | 21                | 21                                      | 2.5                       |
| ZDU 2.5/4AN         | KEMA 97ATEX2521 U | 550               | 21                | 21                                      | 2.5                       |
| ZDU 2.5N            | KEMA 06ATEX0271U  | 550               | 20.5              | 19                                      | 2.5                       |
| ZDU 2.5N/3AN        | KEMA 06ATEX0271U  | 550               | 21.5              | 21                                      | 2.5                       |
| ZDU 2.5N/4AN        | KEMA 06ATEX0271U  | 550               | 21                | 20                                      | 2.5                       |
| ZDU 4               | KEMA 97ATEX2521 U | 550               | 28                | 28                                      | 4                         |
| ZDU 4/3AN           | KEMA 00ATEX2107 U | 550               | 28                | 28                                      | 4                         |
| ZDU 4/4AN           | KEMA 00ATEX2107 U | 550               | 28                | 28                                      | 4                         |
| ZDU 6               | KEMA 97ATEX2521 U | 550               | 36                | 36                                      | 6                         |
| ZDU 6/3AN           | KEMA 00ATEX2107 U | 550               | 36                | 36                                      | 6                         |
| ZDU 10              | KEMA 99ATEX5514 U | 550               | 50                | 50                                      | 10                        |
| ZDU 10/3AN          | KEMA 00ATEX2107 U | 550               | 50                | 50                                      | 10                        |
| ZDU 16              | KEMA 99ATEX5514 U | 550               | 66                | 66                                      | 16                        |
| ZDU 35              | KEMA 00ATEX2107 U | 690               | 109               | 100                                     | 35                        |
| ZDU 2.5-2/2AN       | KEMA 97ATEX4677 U | 550               | 21                | 20                                      | 2.5                       |
| ZDU 2.5-2/3AN       | KEMA 97ATEX4677 U | 550               | 21                | 21                                      | 2.5                       |
| ZDU 2.5-2/4AN       | KEMA 97ATEX4677 U | 550               | 21                | 21                                      | 2.5                       |
| ZDU 4-2/2AN         | KEMA 97ATEX4677 U | 550               | 28                | 26                                      | 4                         |
| ZDU 4-2/3AN         | KEMA 97ATEX4677 U | 550               | 28                | 26                                      | 4                         |
| ZDU 4-2/4AN         | KEMA 97ATEX4677 U | 550               | 28                | 26                                      | 4                         |
| ZDU 6-2/2AN         | KEMA 97ATEX4677 U | 550               | 36                | 30                                      | 6                         |
| ZDU 6-2/3AN         | KEMA 97ATEX4677 U | 550               | 36                | 36                                      | 6                         |
| ZDUA 2.5-2          | KEMA 97ATEX4678 U | 275               | 20                | 19                                      | 2.5                       |

<sup>1)</sup> Please refer to the catalogue and the certificate for details of precisely which article is approved.

| Maximum voltage / V<br>(letters refer to the above diagrams) |     |     |      |      |     |     |   |
|--------------------------------------------------------------|-----|-----|------|------|-----|-----|---|
| A                                                            | C   | D   | E    | F    | G   | H   | I |
| 880                                                          | -   |     | 880  | 880  | -   | -   | - |
| 1100                                                         | -   | -   | 1100 | 1100 | -   | -   | - |
| -                                                            | -   | -   | -    | -    | -   | -   | - |
| 275                                                          | 275 | 176 | 275  | 275  | 176 | 176 | - |
| 275                                                          | 275 | 176 | 275  | 275  | 176 | 176 | - |
| 275                                                          | 275 | 176 | 275  | 275  | 176 | 176 | - |
|                                                              |     |     |      |      |     |     |   |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 440                                                          | 440 | 275 | 440  | 440  | 275 | -   | - |
| 440                                                          | 440 | 275 | 440  | 440  | 275 | -   | - |
| 440                                                          | 440 | 275 | 440  | 440  | 275 | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | -   | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | -   | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | -   | -   | - |
| 275                                                          | 275 | 176 | 275  | 275  | 176 | 176 | - |
| 275                                                          | 275 | 176 | 275  | 275  | 176 | 176 | - |
| 275                                                          | 275 | 176 | 275  | 275  | 176 | 176 | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | 60  | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 440                                                          | 550 | 275 | 440  | 440  | -   | -   | - |
| 440                                                          | 550 | 275 | 440  | 440  | -   | -   | - |
| 440                                                          | 550 | 275 | 440  | 440  | -   | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 550                                                          | 550 | 275 | -    | -    | -   | -   | - |
| 550                                                          | 550 | 275 | -    | -    | -   | -   | - |
| 275                                                          | 275 | 275 | 275  | 275  | 275 | -   | - |
| 550                                                          | 550 | 275 | -    | -    | -   | -   | - |
| 550                                                          | -   | -   | -    | -    | -   | -   | - |
| 550                                                          | 550 | -   | 550  | 550  | -   | -   | - |
| 440                                                          | 440 | 275 | 440  | -    | 275 | 176 | - |
| 440                                                          | 440 | 275 | 440  | -    | 275 | 176 | - |
| 440                                                          | 440 | 275 | 440  | -    | 275 | 176 | - |
| 440                                                          | 440 | 275 | 440  | -    | 275 | 110 | - |
| 440                                                          | 440 | 275 | 440  | -    | 275 | 110 | - |
| 440                                                          | 440 | 275 | 440  | -    | 275 | 110 | - |
| 440                                                          | 440 | 110 | 440  | -    | 110 | -   | - |
| 440                                                          | 440 | 110 | 440  | -    | 110 | -   | - |
| 275                                                          | 275 | 110 | 275  | 275  | 110 | -   | - |

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| BZT PRV4 SW 35X15        | 1173590000 | B.38  |
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| DEK 5 FSZ 11-20          | 0460660011 | F.21  |
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| DEK 5 FW 51-100        | 0473460051  | F.21 |
| DEK 5 FW 551-600       | 0473460551  | F.21 |
| DEK 5 FW 601-650       | 0473460601  | F.21 |
| DEK 5 FW 651-700       | 0473460651  | F.21 |
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| DEK 5 FW 751-800       | 0473460751  | F.21 |
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| DEK 5 FW 851-900       | 0473460851  | F.21 |
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| DEK 5 GW 72  | 0522660072 | F.21 | DEK 5/30 MC NEUTRAL      | 1951920000 | F.33 | DEK 6 FWZ 81-90         | 0518960081 | F.22 | DEK 6 GW 87 | 0526960087 | F.22 |
| DEK 5 GW 73  | 0522660073 | F.21 | DEK 5/30 MC SDR          | 1025680000 | F.33 | DEK 6 FWZ 91-100        | 0518960091 | F.22 | DEK 6 GW 88 | 0526960088 | F.22 |
| DEK 5 GW 74  | 0522660074 | F.21 | DEK 5/5 MC BEDRUCKT      | 1609810000 | F.25 | DEK 6 FWZ L1-ERDE L.KRE | 0631961203 | F.22 | DEK 6 GW 89 | 0526960089 | F.22 |
| DEK 5 GW 75  | 0522660075 | F.21 | DEK 5/5 MC-10 NEUT. BL   | 1609801693 | F.25 | DEK 6 FWZ L1-PE         | 0631961187 | F.22 | DEK 6 GW 9  | 0526960009 | F.22 |
| DEK 5 GW 76  | 0522660076 | F.21 | DEK 5/5 MC-10 NEUT. GE   | 1609801687 | F.25 | DEK 6 FWZ R,S,T,N,ERDE  | 0631860000 | F.22 | DEK 6 GW 90 | 0526960090 | F.22 |
| DEK 5 GW 77  | 0522660077 | F.21 | DE                       |            |      |                         |            |      |             |            |      |



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| DEK 6,5 FS 51-100       | 0468260051 | F.23 |
| DEK 6,5 FSZ 1-10        | 0407360001 | F.23 |
| DEK 6,5 FSZ 11-20       | 0407360011 | F.23 |
| DEK 6,5 FSZ 21-30       | 0407360021 | F.23 |
| DEK 6,5 FSZ 31-40       | 0407360031 | F.23 |
| DEK 6,5 FSZ 41-50       | 0407360041 | F.23 |
| DEK 6,5 FSZ 51-60       | 0407360051 | F.23 |
| DEK 6,5 FSZ 61-70       | 0407360061 | F.23 |
| DEK 6,5 FSZ 71-80       | 0407360071 | F.23 |
| DEK 6,5 FSZ 81-90       | 0407360081 | F.23 |
| DEK 6,5 FSZ 91-100      | 0407360091 | F.23 |
| DEK 6,5 FW 1-50         | 0468160001 | F.23 |
| DEK 6,5 FW 101-150      | 0468160101 | F.23 |
| DEK 6,5 FW 151-200      | 0468160151 | F.23 |
| DEK 6,5 FW 201-250      | 0468160201 | F.23 |
| DEK 6,5 FW 251-300      | 0468160251 | F.23 |
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| DEK 6,5 FW 351-400      | 0468160351 | F.23 |
| DEK 6,5 FW 401-450      | 0468160401 | F.23 |
| DEK 6,5 FW 451-500      | 0468160451 | F.23 |
| DEK 6,5 FW 501-550      | 0468160501 | F.23 |
| DEK 6,5 FW 51-100       | 0468160051 | F.23 |
| DEK 6,5 FW L1-ERDE LKR  | 0632161203 | F.23 |
| DEK 6,5 FW L1-PE        | 0632161187 | F.23 |
| DEK 6,5 FWZ 1-10        | 0519060001 | F.23 |
| DEK 6,5 FWZ 11-20       | 0519060011 | F.23 |
| DEK 6,5 FWZ 21-30       | 0519060021 | F.23 |
| DEK 6,5 FWZ 31-40       | 0519060031 | F.23 |
| DEK 6,5 FWZ 41-50       | 0519060041 | F.23 |
| DEK 6,5 FWZ 51-60       | 0519060051 | F.23 |
| DEK 6,5 FWZ 61-70       | 0519060061 | F.23 |
| DEK 6,5 FWZ 71-80       | 0519060071 | F.23 |
| DEK 6,5 FWZ 81-90       | 0519060081 | F.23 |
| DEK 6,5 FWZ 91-100      | 0519060091 | F.23 |
| DEK 6,5 FWZ R,S,T,N,ERD | 0632060000 | F.23 |
| DEK 6,5 BL NEUTRAL      | 0468091693 | F.23 |
| DEK 6,5 GE NEUTRAL      | 0468091687 | F.23 |
| DEK 6,5 GN NEUTRAL      | 0468091688 | F.23 |
| DEK 6,5 NEUTRAL         | 0468060000 | F.23 |
| DEK 6,5 OR NEUTRAL      | 0468091690 | F.23 |
| DEK 6,5 RT NEUTRAL      | 0468091686 | F.23 |
| DEK 6,5 SW NEUTRAL      | 0468091694 | F.23 |
| DEK 6,5 VI NEUTRAL      | 0468091689 | F.23 |
| DEK 8 BEDR./FARBIG      | 1289690000 | F.23 |
| DEK 8 FS 1-50 TAMPOPR.  | 1653350001 | F.23 |
| DEK 8 FS 51-100 TAMPOP. | 1653350051 | F.23 |
| DEK 8 FSZ 1-10          | 1289660001 | F.23 |
| DEK 8 FSZ 11-20         | 1289660011 | F.23 |
| DEK 8 FSZ 21-30         | 1289660021 | F.23 |
| DEK 8 FSZ 31-40         | 1289660031 | F.23 |
| DEK 8 FSZ 41-50         | 1289660041 | F.23 |
| DEK 8 FSZ 51-60         | 1289660051 | F.23 |
| DEK 8 FSZ 61-70         | 1289660061 | F.23 |
| DEK 8 FSZ 71-80         | 1289660071 | F.23 |
| DEK 8 FSZ 81-90         | 1289660081 | F.23 |
| DEK 8 FSZ 91-100        | 1289660091 | F.23 |
| DEK 8 FW 1-50 TAMPOPR.  | 1653340001 | F.23 |
| DEK 8 FW 51-100 TAMPOP. | 1653340051 | F.23 |
| DEK 8 FWZ 1-10          | 1276960001 | F.23 |
| DEK 8 FWZ 101-110       | 1276960101 | F.23 |
| DEK 8 FWZ 11-20         | 1276960011 | F.23 |
| DEK 8 FWZ 111-120       | 1276960111 | F.23 |
| DEK 8 FWZ 121-130       | 1276960121 | F.23 |
| DEK 8 FWZ 131-140       | 1276960131 | F.23 |
| DEK 8 FWZ 141-150       | 1276960141 | F.23 |
| DEK 8 FWZ 21-30         | 1276960021 | F.23 |
| DEK 8 FWZ 31-40         | 1276960031 | F.23 |
| DEK 8 FWZ 41-50         | 1276960041 | F.23 |
| DEK 8 FWZ 51-60         | 1276960051 | F.23 |
| DEK 8 FWZ 61-70         | 1276960061 | F.23 |
| DEK 8 FWZ 71-80         | 1276960071 | F.23 |
| DEK 8 FWZ 81-90         | 1276960081 | F.23 |
| DEK 8 FWZ 91-100        | 1276960091 | F.23 |
| DEK 8 GE NEUTRAL        | 1277091687 | F.23 |
| DEK 8 GN NEUTRAL        | 1277091688 | F.23 |
| DEK 8 NEUTRAL           | 1277060000 | F.23 |
| DEK 8 OR NEUTRAL        | 1277091690 | F.23 |
| DEK 8 RT NEUTRAL        | 1277091686 | F.23 |
| DEK 8 SONDERDR.WEISS    | 1326660000 | F.23 |
| DEK 8 VI NEUTRAL        | 1277091689 | F.23 |
| DFFC 5-1.0 ZRV1.5       | 1705320000 | C.94 |
| DFFC 0.2-0.35 ZRV1.5    | 1705310000 | C.94 |
| DKSUE NSCH/ESCH         | 0280100000 | F.3  |
| DLA 2.5 DB              | 1783560000 | 0.94 |
| DLA 2.5/D DB            | 1783590000 | 0.94 |
| DLA 2.5/LD-GN/D DB      | 1783630000 | 0.95 |
| DLA 2.5/LD-RT DB        | 1783600000 | 0.95 |
| DLD 2.5 DB              | 1784180000 | 0.92 |
| DLD 2.5/PE DB           | 1783790000 | 0.92 |
| DLI 2.5 DB              | 1783820000 | 0.93 |
| DLI 2.5/LD-GN/NPN +- DB | 1783940000 | 0.93 |
| DLI 2.5/LD-GN/PNP +- DB | 1783970000 | 0.93 |
| DLI 2.5/LD-RT/NPN +- DB | 1783950000 | 0.93 |
| DLI 2.5/LD-RT/PNP +- DB | 1783980000 | 0.93 |
| DMS 3                   | 9007440000 | F.64 |
| DMS 3 SET 1             | 9007470000 | F.64 |
| DMS 3 SET 2             | 9007480000 | F.64 |
| DMS MANUELL 0,5-1,7     | 9918370000 | F.61 |

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| DMS MANUELL 2,0-8,0  | 9918380000 | F.61 |
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| DMSI MANUELL 2,0-8,0 | 9918400000 | F.62 |
| DS 13.5 WTL6/4FF     | 1897000000 | 0.76 |

## E

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| E 14/10A RT              | 0328400000 | 0.48  |
| E 14/16A GR              | 0328500000 | 0.52  |
| E 14/2A RS               | 0137400000 | 0.48  |
| E 14/4A BR               | 0137500000 | 0.48  |
| E 14/6A GN               | 0328300000 | 0.48  |
| E 16/10A RT TNDZ         | 0208500000 | 0.48  |
| E 16/16A GR TNDZ         | 0208600000 | 0.48  |
| E 16/20A BL TNDZ         | 0208700000 | 0.48  |
| E 16/25A GE TNDZ         | 0208800000 | 0.48  |
| E 18/20A BL              | 0361300000 | 0.49  |
| E 18/25A GE              | 0361400000 | 0.49  |
| E 18/35A SW              | 0361500000 | 0.49  |
| E 18/50A WS              | 0361600000 | 0.52  |
| E 18/63A KU              | 0361700000 | 0.52  |
| ELS 16/40 MC GE          | 1045630000 | F.31  |
| ELS 16/40 MC SDR         | 1045690000 | F.32  |
| ELS 16/40 MC WS          | 1045620000 | F.31  |
| ELS 6/30 MC GE           | 1045580000 | F.32  |
| ELS 6/30 MC SDR          | 1045660000 | F.32  |
| ELS 6/30 MC WS           | 1045570000 | F.32  |
| ELS 7/40 MC GE           | 1045650000 | F.31  |
| ELS 7/40 MC SDR          | 1045700000 | F.32  |
| ELS 7/40 MC WS           | 1045640000 | F.31  |
| ELSB 10 BEZ. 1-10        | 0143500000 | D.136 |
| ELSB 2 BEZ. 1-2          | 0143200000 | D.136 |
| EM 8/30                  | 1806120000 | F.33  |
| EMC-CONTACT              | 1067520000 | E.14  |
| EMC-SET                  | 1067470000 | E.14  |
| EMC-TIE                  | 1067490000 | E.14  |
| ERME 10° SPX 4           | 1119030000 | F.48  |
| ERME 16° SPX 4           | 1119040000 | F.48  |
| ERME AM 16               | 9204260000 | F.47  |
| ERME AMF 6/10            | 9204250000 | F.47  |
| ERME KT 45 R             | 9204270000 | F.46  |
| ERME KT 55               | 9204280000 | F.46  |
| ERSATZMESSER STRIPAX PL  | 9050340000 | F.49  |
| ESCH 1 M                 | 0280300000 | F.3   |
| ESD 15 BOGEN DIN A4      | 1636510000 | F.34  |
| ESD 5 DIN A4 GELB BOG.   | 1631350000 | F.31  |
| ESD 5 DIN A4 WEISS BOG.  | 1607710000 | F.31  |
| ESD 5 POLY.GELB A4-BOG.  | 1670380000 | F.31  |
| ESD 5 POLY.WEISS A4-BOG. | 1670370000 | F.31  |
| ESD 5 S DIN A4-BOGEN     | 1670390000 | F.31  |
| ESD 7 A4-BOGEN GELB      | 1634780000 | F.31  |
| ESD 7 A4-BOGEN WEISS     | 1607720000 | F.31  |
| ESD 7 POLY.GELB A4-BOG.  | 1670400000 | F.31  |
| ESD 7 POLY.WEISS A4-BOG. | 1670390000 | F.31  |
| ETA 1170 21 10A          | 1278790000 | 0.63  |
| ETA 1170 21 15A          | 1278810000 | 0.63  |
| ETA 1170 21 20A          | 1278820000 | 0.63  |
| ETA 1170 21 25A          | 1278830000 | 0.63  |
| ETA 1170 21 3A           | 1278730000 | 0.63  |
| ETA 1170 21 4A           | 1278740000 | 0.63  |
| ETA 1170 21 5A           | 1278750000 | 0.63  |
| ETA 1170 21 6A           | 1278760000 | 0.63  |
| ETA 1170 21 7.5A         | 1278770000 | 0.63  |
| ETA 1170 21 8A           | 1278780000 | 0.63  |
| ETA 1180 01 0.1A         | 1278840000 | 0.64  |
| ETA 1180 01 0.25A        | 1278860000 | 0.64  |
| ETA 1180 01 0.2A         | 1278850000 | 0.64  |
| ETA 1180 01 0.3A         | 1278870000 | 0.64  |
| ETA 1180 01 0.4A         | 1278880000 | 0.64  |
| ETA 1180 01 0.5A         | 1278910000 | 0.64  |
| ETA 1180 01 0.6A         | 1278920000 | 0.64  |
| ETA 1180 01 0.7A         | 1278930000 | 0.64  |
| ETA 1180 01 0.8A         | 1278940000 | 0.64  |
| ETA 1180 01 1.5A         | 1278960000 | 0.64  |
| ETA 1180 01 10A          | 1279070000 | 0.64  |
| ETA 1180 01 1A           | 1278950000 | 0.64  |
| ETA 1180 01 2.5A         | 1278980000 | 0.64  |
| ETA 1180 01 2A           | 1278970000 | 0.64  |
| ETA 1180 01 3.5A         | 1279010000 | 0.64  |
| ETA 1180 01 3A           | 1278990000 | 0.64  |
| ETA 1180 01 4A           | 1279020000 | 0.64  |
| ETA 1180 01 5A           | 1279030000 | 0.64  |
| ETA 1180 01 6A           | 1279040000 | 0.64  |
| ETA 1180 01 7A           | 1279050000 | 0.64  |
| ETA 1180 01 8A           | 1279060000 | 0.64  |
| EW 15                    | 0382860000 | F.12  |
| EW 15/2                  | 1071900000 | F.12  |
| EW 35                    | 0383560000 | F.12  |
| EW 35 DB                 | 1269050000 | F.12  |
| EW 35 GR 7032            | 0383530000 | F.12  |
| EW 35/SCHA/M3            | 0258660000 | 0.76  |
| EWK 1                    | 0206180000 | F.12  |
| EWK 2                    | 0199360000 | F.12  |

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| FEKO ET ZRV2.5 0.2-0.35 | 1893940000 | C.95 |
| FEKO ET ZRV2.5 0.5-1    | 1893970000 | C.95 |
| FEKO ET ZRV2.5 1.5-2.5  | 1893990000 | C.95 |

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| FEKO ZRV2.5 0.2-0.35  | 1854750000 | C.95  |
| FEKO ZRV2.5 0.5-1     | 1854760000 | C.95  |
| FEKO ZRV2.5 1.5-2.5   | 1848480000 | C.95  |
| FKSC M5X8 D9/SW2.5    | 0295900000 | F.13  |
| FKSC M6X12 D9/SW3     | 0353500000 | F.13  |
| FKSC M6X8 D9/SW3      | 0642600000 | F.13  |
| FM 4.2/TS35           | 1724580000 | F.14  |
| FM 4/TS35             | 0687900000 | F.14  |
| FM 5/TS35             | 0636800000 | F.14  |
| FM 6/TS35             | 0636900000 | F.14  |
| FUCR 10-36V SW        | 1167640000 | D.112 |
| FUCR 100-250V SW      | 1167680000 | D.112 |
| FUCR 30-70V SW        | 1167650000 | D.112 |
| FUCR 60-150V SW       | 1167670000 | D.112 |
| FUCR SW               | 1167630000 | D.112 |
| FUSE 1KV DC 10A 10/38 | 1224910000 | D.47  |
| FUSE 1KV DC 12A 10/38 | 1224920000 | D.47  |
| FUSE 1KV DC 16A 10/38 | 1224930000 | D.47  |
| FUSE 1KV DC 20A 10/38 | 1224950000 | D.47  |
| FUSE 1KV DC 2A 10/38  | 1224870000 | D.47  |
| FUSE 1KV DC 4A 10/38  | 1224880000 | D.47  |
| FUSE 1KV DC 6A 10/38  | 1224890000 | D.47  |
| FUSE 1KV DC 8A 10/38  | 1224900000 | D.47  |

## G

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| G 20/0.10A/F    | 0430300000 | C.65 |
| G 20/0.20A/F    | 0430400000 | C.65 |
| G 20/0.25A/F    | 0430500000 | C.65 |
| G 20/0.50A/F    | 0430600000 | C.65 |
| G 20/0.63A/F    | 0439000000 | C.65 |
| G 20/1.00A/F    | 0430700000 | C.65 |
| G 20/1.60A/F    | 0430800000 | C.65 |
| G 20/2.00A/F    | 0430900000 | C.65 |
| G 20/2.50A/F    | 0431000000 | C.65 |
| G 20/3.15A/F    | 0431100000 | C.65 |
| G 20/4.00A/F    | 0431200000 | C.65 |
| G 20/5.00A/F    | 0431300000 | C.65 |
| G 20/6.30A/F    | 0431400000 | C.65 |
| G 25/0.25A/M GE | 0546900000 | C.65 |
| G 25/0.50A/M WS | 0510300000 | C.65 |
| G 25/0.80A/M GR | 0646400000 | C.65 |
| G 25/1.00A/M RT | 0265800000 | C.65 |
| G 25/10.0A/M RT | 0193100000 | C.65 |
| G 25/2.00A/F BL | 0192700000 | C.65 |
| G 25/4.00A/F BR | 0192800000 | C.65 |
| G 25/6.30A/F GN | 0192900000 | C.65 |
| GHDZ 2PS2.5/1AN | 1866070000 | C.99 |
| GWHUE M3 WTL6   | 1255010000 | D.69 |
| GZ 0.5A/F       | 0533800000 | C.65 |
| GZ 1.0A/F       | 0525500000 | C.65 |
| GZ 10.0A/F      | 0293900000 | C.65 |
| GZ 12.5A/FF     | 0245400000 | C.65 |
| GZ 2.0A         | 0294500000 | C.65 |
| GZ 3.0A         | 0295700000 | C.65 |
| GZ 5.0A         | 0294600000 | C.65 |
| GZ 7.0A         | 0295800000 | C.65 |

## H

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| H 0.5/16 S OR      | 9202900000 | F.76 |
| H 10.0/22 S EB     | 9203620000 | F.76 |
| H 4.0/20 DS GR     | 9203630000 | F.76 |
| H 10/14 GR SV      | 9005180000 | F.66 |
| H 10/14 T0 BR SV   | 9028250000 | F.70 |
| H 10/14/12 GR SV   | 9028240000 | F.66 |
| H 025/10 HBL       | 9025740000 | F.66 |
| H 025/10 HBL SV    | 9026050000 | F.66 |
| H 025/10 TGT GE    | 9021010000 | F.70 |
| H 025/10 TGT GE SV | 9021210000 | F.70 |
| H 025/12 HBL SV    | 9025760000 | F.66 |
| H 025/12 HBL SV    | 9025780000 | F.66 |
| H 025/12 TGT GE    | 9021020000 | F.70 |
| H 025/12 TGT GE SV | 9021220000 | F.70 |
| H 025/5            | 9018910000 | F.77 |
| H 034/10 TK        | 9025750000 | F.66 |
| H 034/10 TK TV     | 9026030000 | F.66 |
| H 034/11 S TK      | 9204090000 | F.76 |
| H 034/12 TK        | 9025770000 | F.66 |
| H 034/12 TK BD GSP | 9004390000 | F.67 |
| H 034/12 TK SV     | 9025790000 | F.66 |
| H 05/10            | 9004050000 | F.77 |
| H 05/12 OR         | 0409500000 | F.66 |
| H 05/12 OR SV      | 9028260000 | F.66 |
| H 05/12D W         | 9019000000 | F.68 |
| H 05/14 OR         | 0690700000 | F.66 |
| H 05/14 OR BD      | 9004270000 | F.67 |
| H 05/14 OR BD GSP  | 9005810000 | F.67 |
| H 05/14 OR SV      | 9026060000 | F.66 |
| H 05/14 ZH OR      | 9037200000 | F.72 |
| H 05/14 ZH OR SV   | 9004440000 | F.72 |

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| H1,5/14D SW BD GSP | 9005890000 | F.69 |
| H1,5/14D SW SV     | 9019430000 | F.68 |
| H1,5/14DS SW SV    | 9028360000 | F.76 |
| H1,5/14S R         | 9025980000 | F.76 |
| H1,5/14S R SV      | 9025720000 | F.76 |
| H1,5/14S SW        | 9025240000 | F.76 |
| H1,5/16 R          | 0635100000 | F.66 |
| H1,5/16 R SV       | 9028360000 | F.66 |
| H1,5/16 ZH R       | 9037290000 | F.72 |
| H1,5/16 ZH R SV    | 9004410000 | F.72 |
| H1,5/16D SW        | 9019130000 | F.68 |
| H1,5/16D ZH SW     | 9037470000 | F.73 |
| H1,5/16D ZH SW SV  | 9004420000 | F.73 |
| H1,5/17,5X SW SV   | 9006590000 | F.75 |
| H1,5/18 R          | 9004070000 | F.77 |
| H1,5/18D SW        | 9019140000 | F.68 |
| H1,5/19,5X SW SV   | 9006630000 | F.75 |
| H1,5/20 ZH R       | 9037300000 | F.72 |
| H1,5/20 ZH R SV    | 9004920000 | F.72 |
| H1,5/20D SW ZH SV  | 9004750000 | F.73 |
| H1,5/20D ZH SW     | 9037480000 | F.73 |
| H1,5/24 R          | 0565660000 | F.66 |
| H1,5/24 XS SW      | 9202870000 | F.75 |
| H1,5/24D SW        | 9019150000 | F.68 |
| H1,5/24D SW SV     | 9004140000 | F.70 |
| H1,5/26 ZH R       | 9037310000 | F.72 |
| H1,5/26D ZH SW     | 9037490000 | F.73 |
| H1,5/7             | 0372700000 | F.77 |
| H10,0/12           | 0282900000 | F.77 |
| H10,0/15           | 0124800000 | F.77 |
| H10,0/18           | 0379300000 | F.77 |
| H10,0/22 EB        | 0534200000 | F.66 |
| H10,0/22D R        | 9019240000 | F.68 |
| H10,0/22T BR       | 9021150000 | F.70 |
| H10,0/24 ZH EB     | 9037340000 | F.72 |
| H10,0/24 ZH EB SV  | 9004940000 | F.72 |
| H10,0/24,0X R SV   | 9006830000 | F.75 |
| H10,0/24D ZH R     | 9037570000 | F.73 |
| H10,0/24DS ZH R    | 9018880000 | F.73 |
| H10,0/24T ZH BR    | 9037710000 | F.74 |
| H10,0/26D R ZH SV  | 9004710000 | F.73 |
| H10,0/26T ZH BR SV | 9005170000 | F.74 |
| H10,0/28 EB        | 0565800000 | F.66 |
| H10,0/28D R        | 9019250000 | F.68 |
| H10,0/28T BR       | 9021160000 | F.70 |
| H10,0/30 ZH EB     | 9037350000 | F.72 |
| H10,0/30D ZH R     | 9037580000 | F.73 |
| H10,0/30T ZH BR    | 9037720000 | F.74 |
| H10/24S ZH EB      | 9018860000 | F.72 |
| H10/30DS ZH R      | 9018890000 | F.73 |
| H10/30S ZH EB      | 9018870000 | F.72 |
| H120,0/32          | 9036240000 | F.77 |
| H120,0/50 BL       | 9028220000 | F.66 |
| H150,0/32          | 9036250000 | F.77 |
| H150,0/54 GE       | 9028230000 | F.66 |
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| H16,0/15           | 0124300000 | F.77 |
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| H16,0/25           | 9004150000 | F.77 |
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| H16,0/28 GN        | 0566000000 | F.66 |
| H16,0/28D BL       | 9019270000 | F.68 |
| H16,0/28T W        | 9021180000 | F.70 |
| H16,0/29 ZH GN     | 9037360000 | F.72 |
| H16,0/29D ZH BL    | 9037590000 | F.73 |
| H16,0/29T ZH W     | 9037730000 | F.74 |
| H16,0/32           | 9004160000 | F.77 |
| H16,0/38 ZH GN     | 9037370000 | F.72 |
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| H2,5/12            | 0186100000 | F.77 |
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| H2,5/14TS GR       | 9426770000 | F.76 |
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| PPV 8 GR 35X7.5 DGR    | 1173870000 | B.41  |
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| PRINTJET PRO 115V      | 1024050000 | F.36  |
| PRINTJET PRO 230V      | 1011180001 | F.36  |
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| PRV 16 BL 35X15 WS/RT  | 1267800000 | B.40  |
| PRV 16 BL 35X7.5 RT/WS | 1267810000 | B.40  |
| PRV 16 BL 35X7.5 WS/RT | 1267820000 | B.40  |
| PRV 16 SW 35X15 RT/WS  | 1173620000 | B.40  |
| PRV 16 SW 35X15 WS/RT  | 1173650000 | B.40  |
| PRV 16 SW 35X7.5 RT/WS | 1173680000 | B.40  |
| PRV 16 SW 35X7.5 WS/RT | 1173710000 | B.40  |
| PRV 4 BL 35X15 RT      | 1267890000 | B.38  |
| PRV 4 BL 35X15 WS      | 1173920000 | B.38  |
| PRV 4 BL 35X7.5 RT     | 1267900000 | B.38  |
| PRV 4 BL 35X7.5 WS     | 1173930000 | B.38  |
| PRV 4 SW 35X15 RT      | 1173810000 | B.38  |
| PRV 4 SW 35X15 WS      | 1173820000 | B.38  |
| PRV 4 SW 35X7.5 RT     | 1173830000 | B.38  |
| PRV 4 SW 35X7.5 WS     | 1173840000 | B.38  |
| PRV 8 BL 35X15 RT/WS   | 1267830000 | B.39  |
| PRV 8 BL 35X15 WS/RT   | 1173900000 | B.39  |
| PRV 8 BL 35X7.5 RT/WS  | 1267840000 | B.39  |
| PRV 8 BL 35X7.5 WS/RT  | 1173910000 | B.39  |
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| PTA ZA PDU2.5/4        | 1916190000 | B.4   |
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| PTR 2.5/4 0 TNHE       | 1933910000 | B.18  |
| PTR 2.5/4/3AN          | 1933980000 | B.19  |
| PTR 2.5/4/3AN BL       | 1933930000 | B.19  |
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| PZ 3                   | 0567300000 | F.51  |
| PZ 4                   | 9012500000 | F.50  |
| PZ 50                  | 9006450000 | F.53  |
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| PZ 6/5                 | 9011460000 | F.50  |
| PZ ZH 16               | 9013600000 | F.52  |
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| Q 10 AKZ4              | 0368600000 | D.131 |
| Q 10 AKZ4SS            | 0369300000 | D.17  |
| Q 10 DU                | 1313100000 | D.170 |
| Q 10 WDL2.5S           | 1071800000 | D.170 |
| Q 10 WTL 6/4FF         | 1897190000 | D.76  |
| Q 2 AKZ1.5             | 0368200000 | D.130 |
| Q 2 AKZ4               | 0336400000 | D.131 |
| Q 2 AKZ4SS             | 0369000000 | D.17  |
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| Q 4 AKZ4              | 0336600000 | D.131 |
| Q 4 DU                | 1312700000 | D.170 |
| Q 4 WDL2.5S           | 1071700000 | D.170 |
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| QL 10 SAKS2           | 0338900000 | D.48  |
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| QL 10 WTL 6/4 FF      | 1897090000 | D.76  |
| QL 15 SAK6N           | 0221200000 | D.71  |
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| QL 3 SAK16            | 0470800000 | D.43  |
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| TS 35x15/LL 1M/ST/ZN    | 0236510000 | F.10  |
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| ZDU 6 S              | 1808230000 | C.73  | ZP 2.5/1AN/17            | 1815180000 | C.96 | ZPE 2.5              | 1608640000 | C.37  | ZQV 35/2                | 1739700000 | C.12  |
| ZDU 6 S BL           | 1808240000 | C.73  | ZP 2.5/1AN/17 GN/BE      | 1867240000 | C.96 | ZPE 2.5 S            | 1808330000 | C.77  | ZQV 4/10 GE             | 1609030000 | C.140 |
| ZDU 6-2/2AN          | 1771380000 | C.17  | ZP 2.5/1AN/2             | 1815440000 | C.83 | ZPE 2.5-2            | 1772090000 | C.44  | ZQV 4/2 GE              | 1608950000 | C.140 |
| ZDU 6-2/2AN BL       | 1771390000 | C.17  | ZP 2.5/1AN/2 GN/BE       | 1867090000 | C.96 | ZPE 2.5-2/3AN        | 1706090000 | C.44  | ZQV 4/20 GE             | 1909010000 | C.140 |
| ZDU 6-2/2AN OR       | 1771400000 | C.153 | ZP 2.5/1AN/24            | 1815720000 | C.96 | ZPE 2.5-2/4AN        | 1706100000 | C.45  | ZQV 4/3 GE              | 1608960000 | C.140 |
| ZDU 6-2/3AN          | 1771410000 | C.17  | ZP 2.5/1AN/3             | 1815450000 | C.83 | ZPE 2.5/3AN          | 1608650000 | C.37  | ZQV 4/4 GE              | 1608970000 | C.140 |
| ZDU 6-2/3AN BL       | 1771420000 | C.17  | ZP 2.5/1AN/3 GN/BE       | 1867100000 | C.96 | ZPE 2.5/4AN          | 1608660000 | C.38  | ZQV 4/5 GE              | 1608980000 | C.140 |
| ZDU 6-2/3AN OR       | 1771430000 | C.153 | ZP 2.5/1AN/4             | 1815500000 | C.83 | ZPE 2.5N             | 1933760000 | C.48  | ZQV 4/6 GE              | 1608990000 | C.140 |
| ZDU 6/3AN            | 7907410000 | C.9   | ZP 2.5/1AN/4 GN/BE       | 1867110000 | C.96 | ZPE 2.5N/3AN         | 1933770000 | C.48  | ZQV 4/7 GE              | 1609000000 | C.140 |
| ZDU 6/3AN BL         | 7907420000 | C.9   | ZP 2.5/1AN/5             | 1815510000 | C.83 | ZPE 2.5N/4AN         | 1933780000 | C.49  | ZQV 4/8 GE              | 1609010000 | C.140 |
| ZDU 6/3AN OR         | 8670420000 | C.153 | ZP 2.5/1AN/5 GN/BE       | 1867120000 | C.96 | ZPE 35               | 1739650000 | C.43  | ZQV 4/9 GE              | 1609020000 | C.140 |
| ZDUA 2.5-2           | 1720920000 | C.117 | ZP 2.5/1AN/6             | 1815520000 | C.96 | ZPE 4                | 1632080000 | C.38  | ZQV 4N/10 BL            | 1794050000 | C.165 |
| ZDUA 2.5-2 BL        | 1720930000 | C.117 | ZP 2.5/1AN/6 GN/BE       | 1867130000 | C.96 | ZPE 4 S              | 1808340000 | C.77  | ZQV 4N/10 GE            | 1758260000 | C.165 |
| ZDUA 2.5-2 OR        | 1720940000 | C.117 | ZP 2.5/1AN/7             | 1815530000 | C.83 | ZPE 4-2/2AN          | 1770380000 | C.45  | ZQV 4N/10 RT            | 1794040000 | C.165 |
| ZDUA 2.5-2N          | 1808200000 | C.118 | ZP 2.5/1AN/7 GN/BE       | 1867140000 | C.96 | ZPE 4-2/3AN          | 1770390000 | C.45  | ZQV 4N/10 SW            | 1794060000 | C.165 |
| ZDUA 2.5-2N BL       | 1808180000 | C.118 | ZP 2.5/1AN/8             | 1815540000 | C.83 | ZPE 4-2/4AN          | 1807090000 | C.46  | ZQV 4N/2 BL             | 1793960000 | C.165 |
| ZDUB 2.5-2/2AN/15    | 1712750000 | C.116 | ZP 2.5/1AN/8 GN/BE       | 1867150000 | C.96 | ZPE 4/3AN            | 7904170000 | C.39  | ZQV 4N/2 GE             | 1758250000 | C.165 |
| ZDUB 2.5-2/2AN/15 BL | 1712760000 | C.116 | ZP 2.5/1AN/9             | 1815550000 | C.83 | ZPE 4/4AN            | 7904280000 | C.39  | ZQV 4N/2 RT             | 1793950000 | C.165 |
| ZDUB 2.5-2/2AN/15 OR | 1712770000 | C.116 | ZP 2.5/1AN/9 GN/BE       | 1867160000 | C.96 | ZPE 6                | 1608670000 | C.40  | ZQV 4N/2 SW             | 1793970000 | C.165 |
| ZDUB 2.5-2/2AN/DB    | 1704500000 | C.115 | ZP 2.5/1AN/10            | 1007900000 | C.98 | ZPE 6 S              | 1808350000 | C.78  | ZQV 4N/20 BL            | 1909100000 | C.165 |
| ZDUB 2.5-2/2AN/DB BL | 1704510000 | C.115 | ZP 2.5/1AN/10V BL        | 1007910000 | C.98 | ZPE 6-2/2AN          | 1771370000 | C.46  | ZQV 4N/20 GE            | 1909020000 | C.165 |
| ZDUB 2.5-2/2AN/DB GE | 1704530000 | C.115 | ZP 2.5/1AN/10V GN        | 1007920000 | C.98 | ZPE 6-2/3AN          | 1771360000 | C.47  | ZQV 4N/20 RT            | 1909150000 | C.165 |
| ZDUB 2.5-2/2AN/DM    | 1704350000 | C.115 | ZP 2.5/1AN/10V ZA        | 1007930000 | C.98 | ZPE 6/3AN            | 7907400000 | C.40  | ZQV 4N/20 SW            | 1909120000 | C.165 |
| ZDUB 2.5-2/2AN/DM BL | 1704360000 | C.115 | ZP 2.5/1AN/10V ZA BL     | 1007940000 | C.98 | ZPEA 2.5-2           | 1720950000 | C.117 | ZQV 4N/3 BL             | 1793990000 | C.165 |
| ZDUB 2.5-2/2AN/DM GE | 1704380000 | C.115 | ZP 2.5/1AN/10V ZA GN     | 1007950000 | C.98 | ZPEA 2.5-2N          | 1808210000 | C.118 | ZQV 4N/3 GE             | 1762630000 | C.165 |
| ZDUB 2.5-2/2AN/DM OR | 1704370000 | C.115 | ZP 2.5/1AN/10V ZA O.RA   | 1007960000 | C.98 | ZPEB 2.5-2           | 1712810000 | C.117 | ZQV 4N/3 RT             | 1793980000 | C.165 |
| ZDUB 2.5-2/2AN/RC    | 1712820000 | C.114 | ZP 2.5/1AN/10V ZAO.RA BL | 1007970000 | C.98 | ZPS 2.5/1AN/10V/1    | 1861040000 | C.99  | ZQV 4N/3 SW             | 1794000000 | C.165 |
| ZDUB 2.5-2/2AN/RC BL | 1712830000 | C.114 | ZP 2.5/1AN/10V ZAO.RA GN | 1007980000 | C.98 | ZPS 2.5/1AN/10V/1 GN | 1861050000 | C.99  | ZQV 4N/4 BL             | 1794020000 | C.165 |
| ZDUB 2.5-2/2AN/RC GE | 1712850000 | C.114 | ZP 2.5/1AN/10V/1         | 1815190000 | C.97 | ZPS 2.5/1AN/10V/6    | 1865940000 | C.103 | ZQV 4N/4 GE             | 1762620000 | C.165 |
| ZDUB 2.5-2/2AN/RC OR | 1712840000 | C.114 | ZP 2.5/1AN/10V/1 GN      | 1820570000 | C.97 | ZPV 1.5              | 1676630000 | C.110 | ZQV 4N/4 RT             | 1794010000 | C.165 |
| ZDUB 2.5-2/4AN/15    | 1712780000 | C.116 | ZP 2.5/1AN/10V/10        | 1815280000 | C.97 | ZQB 2.5-2            | 1677120000 | C.140 | ZQV 4N/4 SW             | 1794030000 | C.165 |
| ZDUB 2.5-2/4AN/15 BL | 1712790000 | C.116 | ZP 2.5/1AN/10V/11        | 1815290000 | C.97 | ZQS 2.5/2            | 1633200000 | C.141 | ZQV 6/2 GE              | 1627850000 | C.141 |
| ZDUB 2.5-2/4AN/15 OR | 1712800000 | C.116 | ZP 2.5/1AN/10V/12        | 1815300000 | C.97 | ZQS 2.5/3            | 1633210000 | C.141 | ZQV 6/24 GE             | 1908990000 | C.141 |
| ZDUB 2.5-2/4AN/DB    | 1704690000 | C.115 | ZP 2.5/1AN/10V/13        | 1815310000 | C.97 | ZQS 2.5/4            | 1633220000 | C.141 | ZQV 6/3 GE              | 1627860000 | C.141 |
| ZDUB 2.5-2/4AN/DB BL | 1704700000 | C.115 | ZP 2.5/1AN/10V/14        | 1815320000 | C.97 | ZQS 2.5/5            | 1633230000 | C.141 | ZQV 6/4 GE              | 1627870000 | C.141 |
| ZDUB 2.5-2/4AN/DB GE | 1704720000 | C.115 | ZP 2.5/1AN/10V/15        | 1815330000 | C.97 | ZQV 1.5/10           | 1776200000 | C.140 | ZQV 6N/2                | 1906210000 | B.5   |
| ZDUB 2.5-2/4AN/DM    | 1704540000 | C.115 | ZP 2.5/1AN/10V/16        | 1815340000 | C.97 | ZQV 1.5/2            | 1776120000 | C.140 | ZQV 6N/20               | 1906240000 | B.5   |
| ZDUB 2.5-2/4AN/DM BL | 1704550000 | C.115 | ZP 2.5/1AN/10V/17        | 1815350000 | C.97 | ZQV 1.5/3            | 1776130000 | C.140 | ZQV 6N/3                | 1906220000 | B.5   |
| ZDUB 2.5-2/4AN/DM GE | 1704570000 | C.115 | ZP 2.5/1AN/10V/2         | 1815200000 | C.97 | ZQV 1.5/4            | 1776140000 | C.140 | ZQV 6N/4                | 1906230000 | B.5   |
| ZDUB 2.5-2/4AN/DM OR | 1704560000 | C.115 | ZP 2.5/1AN/10V/3         | 1815210000 | C.97 | ZQV 1.5/5            | 1776150000 | C.140 | ZR WP04 DB              | 1071100000 | D.115 |
| ZDUB 2.5-2/4AN/RC    | 1712970000 | C.114 | ZP 2.5/1AN/10V/4         | 1815220000 | C.97 | ZQV 1.5N/R3.5/10 GE  | 1754290000 | D.132 | ZRH 1.5H/1              | 1678810000 | C.148 |
| ZDUB 2.5-2/4AN/RC BL | 1712980000 | C.114 | ZP 2.5/1AN/10V/5         | 1815230000 | C.97 | ZQV 1.5N/R3.5/2 GE   | 1754210000 | D.132 | ZRH 1.5H/2              | 1678800000 | C.148 |
| ZDUB 2.5-2/4AN/RC GE | 1713000000 | C.114 | ZP 2.5/1AN/10V/6         | 1815240000 | C.97 | ZQV 1.5N/R3.5/3 GE   | 1754220000 | D.132 | ZRH 1.5N/1              | 1632140000 | C.148 |
| ZDUS                 | 1676640000 | C.149 | ZP 2.5/1AN/10V/7         | 1815250000 | C.97 | ZQV 1.5N/R3.5/4 GE   | 1754230000 | D.132 | ZRH 1.5N/2              | 1632130000 | C.148 |
| ZE ZRV2.5            | 2318670000 | C.95  | ZP 2.5/1AN/10V/8         | 1815260000 | C.97 | ZQV 10/2             | 1739680000 | C.141 | ZRH 1.5S/1              | 1781950000 | C.148 |
| ZEI 16               | 1745350000 | C.11  | ZP 2.5/1AN/10V/9         | 1815270000 | C.97 | ZQV 16/2             | 1739690000 | C.141 | ZRH 1.5S/2              | 1781960000 | C.148 |
| ZEI 16 BL            | 1768240000 | C.11  | ZP 2.5/2AN/10V           | 1007810000 | C.99 | ZQV 2.5/10           | 1608940000 | C.140 | ZRH 2.5/1 WS            | 1614300000 | C.148 |
| ZEI 16-2/1AN         | 1772940000 | C.17  | ZP 2.5/2AN/10V BL        | 1007820000 | C.99 | ZQV 2.5/2            | 1608860000 | C.140 | ZRH 2.5/2 GR/V0         | 1614290000 | C.148 |
| ZEI 16-2/1AN BL      | 1772950000 | C.17  | ZP 2.5/2AN/10V GN        | 1007830000 | C.99 | ZQV 2.5/20           | 1908960000 | C.140 | ZRH 2.5/3               | 1614280000 | C.148 |
| ZEI 16               | 1791190000 | C.5   | ZP 2.5/2AN/10V ZA        | 1007840000 | C.99 | ZQV 2.5/3            | 1608870000 | C.140 | ZRH 4/1 WS              | 1636640000 | C.148 |
| ZEW 15               | 7920340000 | F.12  | ZP 2.5/2AN/10V ZA BL     | 1007850000 | C.99 | ZQV 2.5/4            | 1608880000 | C.140 | ZRH 4/2                 | 1636650000 | C.148 |
| ZEW 35               | 9540000000 | F.12  | ZP 2.5/2AN/10V ZA GN     | 1007860000 | C.99 | ZQV 2.5/5            | 1608890000 | B.49  | ZRV 1.5                 | 1698160000 | C.94  |
| ZEW 35 GR            | 1238040000 | F.12  | ZP 2.5/2AN/10V ZA O.RA   | 1007870000 | C.99 | ZQV 2.5/60           | 1697540000 | C.110 | ZRV 1.5/PE              | 1698170000 | C.94  |
| ZEW 35/2             | 8630740000 | F.12  | ZP 2.5/2AN/10V ZAO.RA BL | 1007880000 | C.99 | ZQV 2.5/6            | 1608900000 | B.49  | ZRV 2.5/1               | 1906960000 | C.95  |
| ZEW 35/2 GR          | 1227850000 | F.12  | ZP 2.5/2AN/10V ZAO.RA GN | 1007890000 | C.99 | ZQV 2.5/7            | 1608910000 | B.49  | ZRV 2.5/2               | 1906970000 | C.95  |
| ZEW 35/2 SW          | 1162610000 | F.12  | ZP 2.5/2AN/10V/1         | 1815730000 | C.97 | ZQV 2.5/8            | 1608920000 | B.49  | ZS 10/5 MC BEDRUCKT     | 1610010000 | F.29  |
| ZF 4 S               | 1814680000 | F.7   | ZP 2.5/2AN/10V/1 GN      | 1820590000 | C.97 | ZQV 2.5/9            | 1608930000 | B.49  | ZS 10/5 MC NEUTRAL      | 1610000000 | F.29  |
| ZF 4 S BL            | 1814660000 | F.7   | ZP 2.5/2AN/10V/10        | 1815820000 | C.97 | ZQV 2.5N/10 BL       | 1718070000 | C.165 | ZS 12/6 BEDRUCKT        | 1610030000 | F.29  |
| ZF 4 S GN            | 1814670000 | F.7   | ZP 2.5/2AN/10V/11        | 1815830000 | C.97 | ZQV 2.5N/10 GE       | 1693880000 | D.165 | ZS 12/6 MC NEUTRAL      | 1610020000 | F.29  |
| ZGB 15               | 1636530000 | F.34  | ZP 2.5/2AN/10V/12        | 1815840000 | C.97 | ZQV 2.5N/10 RT       | 1717980000 | C.165 | ZS 15/5 MC BEDRUCKT     | 1646640000 | F.29  |
| ZGB 30               | 1611930000 | F.34  | ZP 2.5/2AN/10V/13        | 1815850000 | C.97 | ZQV 2.5N/10 SW       | 1718160000 | C.165 | ZS 15/5 MC NEUTRAL      | 1646630000 | F.29  |
| ZHP S                | 1808290000 | C.132 | ZP 2.5/2AN/10V/14        | 1815860000 | C.97 | ZQV 2.5N/2 BL        | 1717990000 | C.165 | ZSI 2.5                 | 1616400000 | C.54  |
| ZHP S SO             | 1808280000 | C.132 | ZP 2.5/2AN/10V/15        | 1815870000 | C.97 | ZQV 2.5N/2 GE        | 1693800000 | D.165 | ZSI 2.5-2/2X2AN/G20     | 1826050000 | C.58  |
| ZHP ZD04/NT SO       | 1803890000 | C.76  | ZP 2.5/2AN/10V/16        | 1815880000 | C.97 | ZQV 2.5N/2 RT        | 1717900000 | D.165 | ZSI 2.5-2/2X2AN/G20/GL  | 1826030000 | C.58  |
| ZIA 1.5/3L/1S        | 1651980000 | C.110 | ZP 2.5/2AN/10V/2         | 1815740000 | C.97 | ZQV 2.5N/2 SW        | 1718080000 | D.165 | ZSI 2.5-2/2X2AN/G20/LD1 | 1867440000 | C.59  |
| ZIA 1.5/3L/1S-LD-RT  | 1651990000 | C.110 | ZP 2.5/2AN/10V/3         | 1815750000 | C.97 | ZQV 2.5N/20 BL       | 1909140000 | C.165 | ZSI 2.5-2/2X2AN/G20/LD3 | 1867420000 | C.59  |
| ZIA 1.5/3L/PE        | 1652000000 | C.110 | ZP 2.5/2AN/10V/4         | 1815760000 | C.97 | ZQV 2.5N/20 GE       | 1909000000 | C.165 | ZSI 2.5-2/2X2AN/G20/LD4 | 1879730000 | C.59  |
| ZIA 1.5/4L/1S        | 1652010000 | C.111 | ZP 2.5/2AN/10V/5         | 1815770000 | C.97 | ZQV 2.5N/20 RT       | 1909110000 | D.165 | ZSI 2.5-2/2X2AN/G25     | 1826200000 | C.58  |
| ZIA 1.5/4L/1S/LD     | 1652020000 | C.111 | ZP 2.5/2AN/10V/6         | 1815780000 | C.97 | ZQV 2.5N/20 SW       | 1909130000 | D.165 | ZSI 2.5-2/2X2AN/G25/GL  | 1826090000 | C.58  |
| ZIA 1.5/4L/PE        | 1652030000 | C.111 | ZP 2.5/2AN/10V/7         | 1815790000 | C.97 | ZQV 2.5N/3 BL        | 171800     |       |                         |            |       |

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| ZT 2.5/2AN/1         | 1815070000 | C.82  |
| ZT 2.5/2X2AN         | 1967200000 | C.83  |
| ZT 2.5/3AN/1         | 1815090000 | C.82  |
| ZT 2.5/4AN/2         | 1815110000 | C.83  |
| ZT 2.5/4AN/4         | 1815130000 | C.83  |
| ZT 4/2AN/1           | 1854960000 | C.85  |
| ZT 4/4AN/2           | 1848350000 | C.85  |
| ZTA 1                | 1609040000 | C.142 |
| ZTA 1/ZA             | 1609050000 | C.142 |
| ZTA 2 ZDU4           | 1609060000 | C.142 |
| ZTA 2/ZA ZDU4        | 1609070000 | C.142 |
| ZTA 3 ZDU6           | 1654050000 | C.142 |
| ZTA 4                | 1688110000 | C.143 |
| ZTA 5                | 1776210000 | C.143 |
| ZTA 5/ZA             | 1776220000 | C.143 |
| ZTA 6/ZA             | 1780660000 | C.142 |
| ZTA 7/ZA             | 1780670000 | C.142 |
| ZTA ZT2.5            | 1827080000 | C.142 |
| ZTA ZT2.5/ZA         | 1847600000 | C.142 |
| ZTA ZVLD             | 1210390000 | C.26  |
| ZTA ZVLD/ZA          | 1271870000 | C.26  |
| ZTC 2.5/4AN/4        | 1898450000 | C.84  |
| ZTCPE 2.5/4AN/4      | 1898480000 | C.87  |
| ZTD 6                | 1771810000 | C.68  |
| ZTD 6/STB            | 1771960000 | C.69  |
| ZTL 6                | 1771800000 | C.68  |
| ZTL 6/STB            | 1771950000 | C.69  |
| ZTPE 2.5/2AN/1       | 1815080000 | C.86  |
| ZTPE 2.5/3AN/1       | 1815100000 | C.86  |
| ZTPE 2.5/4AN/2       | 1815120000 | C.87  |
| ZTPE 2.5/4AN/4       | 1815140000 | C.87  |
| ZTPE 4/2AN/1         | 1854970000 | C.88  |
| ZTPE 4/4AN/2         | 1848330000 | C.88  |
| ZTR 2.5              | 1831280000 | C.66  |
| ZTR 2.5 BL           | 8731710000 | C.66  |
| ZTR 2.5 OR           | 8731680000 | C.66  |
| ZTR 2.5-2            | 1779010000 | C.70  |
| ZTR 2.5-2 BL         | 1779120000 | C.70  |
| ZTR 2.5-2 OR         | 1779130000 | C.70  |
| ZTR 2.5-2/O.TNHE     | 1779020000 | C.70  |
| ZTR 2.5/3AN          | 8731720000 | C.66  |
| ZTR 2.5/3AN BL       | 8731730000 | C.66  |
| ZTR 2.5/3AN OR       | 8731690000 | C.66  |
| ZTR 2.5/3AN/O.TNHE   | 8728450000 | C.66  |
| ZTR 2.5/4AN          | 7920900000 | C.67  |
| ZTR 2.5/4AN BL       | 7920930000 | C.67  |
| ZTR 2.5/4AN OR       | 7920940000 | C.67  |
| ZTR 2.5/4AN/O.TNHE   | 7920950000 | C.67  |
| ZTR 2.5/O.TNHE       | 1831130000 | C.66  |
| ZTR 6-2              | 1023830000 | C.70  |
| ZTR 6-2 E / 230V UC  | 8817930000 | C.71  |
| ZTR 6-2 E / 24V DC   | 8817920000 | C.71  |
| ZTTR 2.5             | 1865510000 | C.93  |
| ZTTR 2.5 O.TNHE      | 1905470000 | C.93  |
| ZTW ZDUB             | 1704340000 | C.132 |
| ZTW ZTL6             | 1771870000 | C.133 |
| ZTW ZTL6 OR          | 1771880000 | C.133 |
| ZVL 1.5              | 1649300000 | C.111 |
| ZVL 1.5 BL           | 1650360000 | C.111 |
| ZVL 1.5 BR           | 1650370000 | C.111 |
| ZVL 1.5 O.QV         | 1711930000 | C.111 |
| ZVL 1.5/PE GN/GE BED | 1651970000 | C.111 |
| ZVLA DF ZPS2.5       | 1878600000 | C.104 |
| ZVLA RC ZPS2.5       | 1866260000 | C.105 |
| ZVLA SC ZPS2.5       | 1866240000 | C.105 |
| ZVLA1 ZPS2.5         | 1866250000 | C.103 |
| ZVLD 2.5             | 1208920000 | C.26  |
| ZVQ 2.5/1.5          | 1720700000 | C.141 |
| ZVR ZP2.5            | 1816130000 | C.103 |
| ZVR ZP4              | 1855250000 | D.102 |
| ZVR ZPS2.5           | 1878620000 | C.100 |
| ZZA 2.5              | 1646690000 | C.149 |
| ZZA 2.5/ZA           | 1649350000 | C.149 |
| ZZE ZP2.5            | 1816140000 | C.103 |
| ZZE ZP2.5/4          | 1866220000 | C.100 |
| ZZE ZP2.5/8          | 1866230000 | C.100 |
| ZZE ZP4              | 1855260000 | D.102 |



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| 0101700000 | TST 2/M6   | F.13 |
| 0103300000 | BFSC M4X9T | F.4  |

## 0110000000

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| 0117500000 | TS 15X5/L 2M/ST/ZN | F.9 |
| 0117510000 | TS 15X5/L 1M/ST/ZN | F.9 |

## 0120000000

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| 0122800000 | TS 32X15 2M/ST/ZN | F.9  |
| 0124300000 | H16,0/15          | F.77 |
| 0124400000 | H25,0/15          | F.77 |
| 0124700000 | H6,0/15           | F.77 |
| 0124800000 | H10,0/15          | F.77 |

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| 0132660010 | DEK 5 FW 10-500     | F.21  |
| 0132961021 | DEK 5 GS A          | F.21  |
| 0132961022 | DEK 5 GS B          | F.21  |
| 0132961023 | DEK 5 GS C          | F.21  |
| 0132961024 | DEK 5 GS D          | F.21  |
| 0132961025 | DEK 5 GS E          | F.21  |
| 0132961026 | DEK 5 GS F          | F.21  |
| 0132961027 | DEK 5 GS G          | F.21  |
| 0132961028 | DEK 5 GS H          | F.21  |
| 0132961029 | DEK 5 GS I          | F.21  |
| 0132961030 | DEK 5 GS J          | F.21  |
| 0132961031 | DEK 5 GS K          | F.21  |
| 0132961032 | DEK 5 GS L          | F.21  |
| 0132961033 | DEK 5 GS M          | F.21  |
| 0132961034 | DEK 5 GS N          | F.21  |
| 0132961035 | DEK 5 GS O          | F.21  |
| 0132961036 | DEK 5 GS P          | F.21  |
| 0132961037 | DEK 5 GS Q          | F.21  |
| 0132961038 | DEK 5 GS R          | F.21  |
| 0132961039 | DEK 5 GS S          | F.21  |
| 0132961040 | DEK 5 GS T          | F.21  |
| 0132961041 | DEK 5 GS U          | F.21  |
| 0132961042 | DEK 5 GS V          | F.21  |
| 0132961043 | DEK 5 GS W          | F.21  |
| 0132961044 | DEK 5 GS X          | F.21  |
| 0132961045 | DEK 5 GS Y          | F.21  |
| 0132961046 | DEK 5 GS Z          | F.21  |
| 0133161114 | DEK 5 FW U1-PE1     | F.21  |
| 0133161115 | DEK 5 FW U2-PE2     | F.21  |
| 0133161116 | DEK 5 FW U3-PE3     | F.21  |
| 0133161117 | DEK 5 FW U4-PE4     | F.21  |
| 0133161118 | DEK 5 FW U5-PE5     | F.21  |
| 0133161119 | DEK 5 FW U6-PE6     | F.21  |
| 0133161120 | DEK 5 FW U7-PE7     | F.21  |
| 0133161121 | DEK 5 FW U8-PE8     | F.21  |
| 0133161122 | DEK 5 FW U9-PE9     | F.21  |
| 0133261150 | DEK 5 FW X1-Z1      | F.21  |
| 0133261151 | DEK 5 FW X2-Z2      | F.21  |
| 0133261152 | DEK 5 FW X3-Z3      | F.21  |
| 0133261153 | DEK 5 FW X4-Z4      | F.21  |
| 0133261154 | DEK 5 FW X5-Z5      | F.21  |
| 0133261155 | DEK 5 FW X6-Z6      | F.21  |
| 0133261156 | DEK 5 FW X7-Z7      | F.21  |
| 0133261157 | DEK 5 FW X8-Z8      | F.21  |
| 0133261158 | DEK 5 FW X9-Z9      | F.21  |
| 0133261159 | DEK 5 FW X10-Z10    | F.21  |
| 0133360001 | DEK 6 FSZ 1-10      | F.22  |
| 0133360011 | DEK 6 FSZ 11-20     | F.22  |
| 0133360021 | DEK 6 FSZ 21-30     | F.22  |
| 0133360031 | DEK 6 FSZ 31-40     | F.22  |
| 0133360041 | DEK 6 FSZ 41-50     | F.22  |
| 0133360051 | DEK 6 FSZ 51-60     | F.22  |
| 0133360061 | DEK 6 FSZ 61-70     | F.22  |
| 0133360071 | DEK 6 FSZ 71-80     | F.22  |
| 0133360081 | DEK 6 FSZ 81-90     | F.22  |
| 0133360091 | DEK 6 FSZ 91-100    | F.22  |
| 0134420000 | KS 2 0.D2           | D.136 |
| 0134500000 | O2 KS2 TP           | D.136 |
| 0134700000 | TS 15X5 2M/AL/BK    | F.9   |
| 0136400000 | SS M4 D 128-A 4     | D.48  |
| 0137400000 | E 14/2A RS          | D.48  |
| 0137500000 | E 14/4A BR          | D.48  |
| 0138000000 | P 14/2 D01 RS SAKS4 | D.48  |
| 0138100000 | P 14/4 D01 BR SAKS4 | D.48  |

## 0140000000

|            |                      |       |
|------------|----------------------|-------|
| 0140200000 | STB 16/D7/4/M4 SAK35 | D.173 |
| 0140320000 | KS 4 0.D4            | D.136 |
| 0140500000 | D4 KS4 TP            | D.136 |
| 0140620000 | KS 6 0.D6            | D.136 |
| 0140800000 | O6 KS6 TP            | D.136 |
| 0141620000 | KS 10 0.D10          | D.136 |
| 0141800000 | D10 KS10 TP          | D.136 |
| 0143200000 | ELSB 2 BEZ. 1-2      | D.136 |
| 0143500000 | ELSB 10 BEZ. 1-10    | D.136 |

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## 0150000000

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| 0157261187 | DEK 5 GS PE            | F.21 |
| 0157261202 | DEK 5 GS ERDE          | F.21 |
| 0157261203 | DEK 5 GS ERDE IM KREIS | F.21 |

## 0160000000

|            |                      |       |
|------------|----------------------|-------|
| 0164000000 | TSTW 6/M6            | F.13  |
| 0164400000 | SS M3 D 128-A 3      | D.37  |
| 0169300000 | TS 32X15 2M/AL/BK    | F.9   |
| 0169900000 | STB 14/D6/4/M3 SAK10 | D.173 |

## 0170000000

|            |           |      |
|------------|-----------|------|
| 0178100000 | TSTW 5/M5 | F.13 |
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## 0180000000

|            |           |       |
|------------|-----------|-------|
| 0180400000 | PS 2.3 RT | D.173 |
| 0186100000 | H2,5/12   | F.77  |
| 0186500000 | H1,5/10   | F.77  |

## 0190000000

|            |                      |       |
|------------|----------------------|-------|
| 0191900000 | H6,0/12              | F.77  |
| 0192700000 | G 25/2.00A/F BL      | C.65  |
| 0192800000 | G 25/4.00A/F BR      | C.65  |
| 0192900000 | G 25/6.30A/F GN      | C.65  |
| 0193100000 | G 25/10.0A/M RT      | C.65  |
| 0194300000 | QL 2 SAK6N           | D.172 |
| 0194400000 | QL 3 SAK6N           | D.172 |
| 0194500000 | QL 4 SAK6N           | D.172 |
| 0197200000 | BSTO 28/4 BK         | D.137 |
| 0197300000 | BSTB 28/4 BK U 1-4   | D.137 |
| 0197400000 | BSTO 28/6 BK         | D.137 |
| 0197500000 | BSTB 28/6 BK U 1-6   | D.137 |
| 0198700000 | BSTO 28/12 BK        | D.137 |
| 0198800000 | BSTB 28/12 BK U 1-12 | D.137 |
| 0199360000 | EWK 2                | F.12  |

## 0200000000

|            |                    |       |
|------------|--------------------|-------|
| 0203500000 | BSTO 28/2 BK       | D.137 |
| 0203600000 | BSTB 28/2 BK U 1-2 | D.137 |
| 0203700000 | BSTO 28/3 BK       | D.137 |
| 0206160000 | EWK 1              | F.12  |
| 0207800000 | QL 2 SAKS2         | D.48  |
| 0208000000 | QL 4 SAKS2         | D.48  |
| 0208500000 | E 16/10A RT TNDZ   | D.48  |
| 0208600000 | E 16/16A GR TNDZ   | D.48  |
| 0208700000 | E 16/20A BL TNDZ   | D.48  |
| 0208800000 | E 16/25A GE TNDZ   | D.48  |
| 0208900000 | P 16/10 RT SAKS2   | D.48  |
| 0209000000 | P 16/16 GR SAKS2   | D.48  |
| 0209100000 | P 16/20 BL SAKS2   | D.48  |

## 0210000000

|            |                         |       |
|------------|-------------------------|-------|
| 0210800000 | ADL                     | D.158 |
| 0215700000 | STB 8,5/D4/2,3/M2,5 AKZ | D.173 |

## 0220000000

|            |             |      |
|------------|-------------|------|
| 0221200000 | QL 15 SAK6N | D.71 |
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## 0230000000

|            |                       |      |
|------------|-----------------------|------|
| 0235000000 | IS 8 DIN 6911         | F.63 |
| 0235860000 | DEK 5 FWZ 1,3,5-19    | F.21 |
| 0235960000 | DEK 5 FWZ 21,23,25-39 | F.21 |
| 0236060000 | DEK 5 FWZ 41,43,45-59 | F.21 |
| 0236160000 | DEK 5 FWZ 2,4,6-20    | F.21 |
| 0236260000 | DEK 5 FWZ 22,24,26-40 | F.21 |
| 0236360000 | DEK 5 FWZ 42,44,46-60 | F.21 |
| 0236400000 | TS 35X15 2M/ST/ZN     | F.10 |
| 0236500000 | TS 35X15/L 2M/ST/ZN   | F.10 |
| 0236510000 | TS 35X15/L 1M/ST/ZN   | F.10 |

## 0240000000

|            |                        |       |
|------------|------------------------|-------|
| 0241260000 | MK 2/12                | D.134 |
| 0243520000 | MK 3/12                | D.134 |
| 0243820000 | MK 5/2 0.DE            | D.136 |
| 0244060000 | D 2 MK5/2 PA/NA        | D.136 |
| 0244100000 | H4,0/12                | F.77  |
| 0244220000 | MK 4/16                | D.135 |
| 0245400000 | GZ 12,5A/FF            | C.65  |
| 0245700000 | BSTB 28/12/6,35 U 1-12 | D.134 |
| 0245800000 | BSTO 28/12 MK          | D.134 |
| 0245900000 | BSTB 28/12 MK U 1-12   | D.134 |
| 0248500000 | VH 13,5/4,9/3,3 SAK4   | D.76  |
| 0249000000 | VH 12/4,9/3,3 SAK6N    | D.71  |

## 0250000000

|            |               |      |
|------------|---------------|------|
| 0258260000 | HP 7 TSK31.5  | F.15 |
| 0258360000 | HP 8 ADP 1    | F.15 |
| 0258660000 | EW 35/SCHA/M3 | D.76 |

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| 0259800000 | SSCH 10X3X1000 MS/BK | F.3 |
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## 0260000000

|            |                      |       |
|------------|----------------------|-------|
| 0262100000 | BSTO 28/16 MK 4/16   | D.135 |
| 0262200000 | BSTB 28/16 MK U 1-16 | D.135 |
| 0265800000 | G 25/1.00A/M RT      | C.65  |
| 0266500000 | ZB 35/M6X16          | F.6   |
| 0267100000 | BFSC M4X30           | F.4   |
| 0267200000 | STB 25 IH/GE         | D.65  |

## 0270000000

|            |                        |       |
|------------|------------------------|-------|
| 0270100000 | TS 35X15/2,3 2M/CU/BK  | F.10  |
| 0270760000 | QS 2/12/4              | D.71  |
| 0270860000 | QS 2/10/4              | D.71  |
| 0270960000 | QS 2/8/4               | B.23  |
| 0271200000 | STB 25 IH/GN           | D.65  |
| 0271300000 | STB 25 IH/VI           | D.65  |
| 0273820000 | MK 3/2                 | D.134 |
| 0273920000 | MK 3/3                 | D.134 |
| 0274020000 | MK 3/4                 | D.134 |
| 0274120000 | MK 3/5                 | D.134 |
| 0274220000 | MK 3/6                 | D.134 |
| 0274320000 | MK 3/7                 | D.134 |
| 0274420000 | MK 3/8                 | D.134 |
| 0274620000 | MK 3/10                | D.134 |
| 0278500000 | BSTB 28/12/6,35 0 1-12 | D.134 |

## 0280000000

|            |                         |       |
|------------|-------------------------|-------|
| 0280100000 | DKSUE N5CH/ESCH         | F.3   |
| 0280200000 | NSUC 1 M                | F.3   |
| 0280300000 | ESCH 1 M                | F.3   |
| 0280600000 | STB 8,5/5/2,3/M3 SAK2,5 | D.72  |
| 0282600000 | H0,5/6                  | F.77  |
| 0282700000 | H0,75/6                 | F.77  |
| 0282800000 | H1,0/10                 | F.77  |
| 0282900000 | H10,0/12                | F.77  |
| 028410000  | SK E16/SAKS2            | D.48  |
| 0284700000 | BSTO 28/8 MK3/8         | D.134 |
| 0289300000 | BSTO 28/4 MK3/4         | D.134 |
| 0289500000 | BSTO 28/6 MK            | D.134 |

## 0290000000

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| 0290000000 | BSTB 28/6 MK U 1-6 | D.134 |
| 0290200000 | BSTB 28/8 MK U 1-8 | D.134 |
| 0292460000 | SCHT 5             | F.31  |
| 0293220000 | TS 32X15 2M/CRN    | F.9   |
| 0293800000 | PS 2 0.0R          | C.143 |
| 0293900000 | GZ 10.0A           | C.65  |
| 0294000000 | STR 5 F.SCHT 5     | F.31  |
| 0294360000 | AKZ 4              | D.131 |
| 0294380000 | AKZ 4 BL           | D.131 |
| 0294420000 | AP AKZ4 KRG        | D.158 |
| 0294430000 | AP AKZ4 KRS        | D.158 |
| 0294460000 | AP AKZ4            | D.131 |
| 0294480000 | AP AKZ4 BL         | D.131 |
| 0294500000 | GZ 2.0A            | C.65  |
| 0294600000 | GZ 5.0A            | C.65  |
| 0295700000 | GZ 3.0A            | C.65  |
| 0295800000 | GZ 7.0A            | C.65  |
| 0295900000 | FKSC M5X8 D9/SW2.5 | F.13  |
| 0296700000 | BFSC M5X8 Schlitz  | F.3   |
| 0299600000 | PS 4 F.STB 4       | C.69  |
| 0299860000 | SH 1               | F.4   |

## 0300000000

|            |                      |      |
|------------|----------------------|------|
| 0303000000 | KISC M3X20,5/10 EK4  | D.76 |
| 0307300000 | QVS 2 SAKT1+2        | D.65 |
| 0307400000 | QVS 4 SAKT1+2        | D.70 |
| 0309700000 | VH 16/5/3,5 SAK10-35 | D.63 |

## 0310000000

|            |                   |       |
|------------|-------------------|-------|
| 0316500000 | ZB 4              | F.6   |
| 0316600000 | ZB 16 ZKSC        | F.6   |
| 0317000000 | H25,0/30 BR       | F.66  |
| 0317100000 | H25,0/36 BR       | F.66  |
| 0317200000 | H35,0/30 BE       | F.66  |
| 0317300000 | H35,0/39 BE       | F.66  |
| 0318000000 | VH 19/6/4,2 SAKT1 | D.65  |
| 0318560000 | TW AKZ2.5         | D.130 |
| 0319160000 | TSCH 1            | D.92  |

## 0320000000

|            |                      |      |
|------------|----------------------|------|
| 0322110000 | ZB 4G SW             | F.7  |
| 0322160000 | ZB 4G GN/GE          | F.7  |
| 0322180000 | ZB 4G BL             | F.7  |
| 0328000000 | QL 2 SAKS4           | D.48 |
| 0328100000 | QL 3 SAKS4           | D.48 |
| 0328300000 | E 14/6A GN           | D.48 |
| 0328400000 | E 14/10A RT          | D.48 |
| 0328500000 | E 14/16A GR          | D.52 |
| 0328600000 | P 14/6 D01 GN SAKS4  | D.53 |
| 0328700000 | P 14/10 D01 RT SAKS4 | D.53 |

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| 0329300000 | QVS 3 SAKT1+2 | D.70 |
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## 0330000000

|            |                    |       |
|------------|--------------------|-------|
| 0330800000 | TS 35X7,5 2M/AL/BK | F.10  |
| 0334700000 | BS 25 0.IH SAKT1   | D.71  |
| 0334900000 | MB M6/M4 GR        | F.14  |
| 0335200000 | BS 25 IH/SW SAKT1  | D.71  |
| 0335300000 | BS 25 IH/GR SAKT1  | D.71  |
| 0335400000 | BS 25 IH/BL SAKT1  | D.71  |
| 0335500000 | BS 25 IH/RT SAKT1  | D.71  |
| 0335600000 | BS 25 IH/GN SAKT1  | D.71  |
| 0335700000 | BS 25 IH/GE SAKT1  | D.71  |
| 0335800000 | BS 25 IH/VI SAKT1  | D.71  |
| 0336400000 | Q 2 AKZ4           | D.131 |
| 0336500000 | Q 3 AKZ4           | D.131 |
| 0336600000 | Q 4 AKZ4           | D.131 |
| 0338300000 | QL 10 SAK6N        | D.172 |
| 0338900000 | QL 10 SAKS2        | D.48  |
| 0339000000 | QL 10 SAKS4        | D.48  |
| 0339410000 | SK E14 SAKS4       | D.48  |

## 0340000000

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| 0340460000 | AKZ 1.5 | D.1 |
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## 0400000000

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| 0401460000 | S0 SH1             | F.4  |
| 0407360001 | DEK 6,5 FSZ 1-10   | F.23 |
| 0407360011 | DEK 6,5 FSZ 11-20  | F.23 |
| 0407360021 | DEK 6,5 FSZ 21-30  | F.23 |
| 0407360031 | DEK 6,5 FSZ 31-40  | F.23 |
| 0407360041 | DEK 6,5 FSZ 41-50  | F.23 |
| 0407360051 | DEK 6,5 FSZ 51-60  | F.23 |
| 0407360061 | DEK 6,5 FSZ 61-70  | F.23 |
| 0407360071 | DEK 6,5 FSZ 71-80  | F.23 |
| 0407360081 | DEK 6,5 FSZ 81-90  | F.23 |
| 0407360091 | DEK 6,5 FSZ 91-100 | F.23 |
| 0407900000 | IS 6 DIN 6911      | F.63 |
| 0409500000 | H0,5/12 OR         | F.66 |
| 0409600000 | H0,75/12 W         | F.66 |
| 0409700000 | H1,0/12 GE         | F.66 |

## 0430000000

|            |                      |      |
|------------|----------------------|------|
| 0430300000 | G 20/0.10A/F         | C.65 |
| 0430400000 | G 20/0.20A/F         | C.65 |
| 0430500000 | G 20/0.25A/F         | C.65 |
| 0430600000 | G 20/0.50A/F         | C.65 |
| 0430700000 | G 20/1.00A/F         | C.65 |
| 0430800000 | G 20/1.60A/F         | C.65 |
| 0430900000 | G 20/2.00A/F         | C.65 |
| 0431000000 | G 20/2.50A/F         | C.65 |
| 0431100000 | G 20/3.15A/F         | C.65 |
| 0431200000 | G 20/4.00A/F         | C.65 |
| 0431300000 | G 20/5.00A/F         | C.65 |
| 0431400000 | G 20/6.30A/F         | C.65 |
| 0438000000 | SSCH 10X3X1000 ST/ZN | F.3  |
| 0439000000 | G 20/0.63A/F         | C.65 |

## 0440000000

|            |            |      |
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| 0444200000 | H50/36 OLV | F.66 |
| 0445600000 | MEW 1/32   | F.12 |

## 0450000000

|            |       |     |
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| 0459500000 | ZBE 6 | F.6 |
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## 0460000000

|            |                    |      |
|------------|--------------------|------|
| 0460660001 | DEK 5 FSZ 1-10     | F.21 |
| 0460660011 | DEK 5 FSZ 11-20    | F.21 |
| 0460660021 | DEK 5 FSZ 21-30    | F.21 |
| 0460660031 | DEK 5 FSZ 31-40    | F.21 |
| 0460660041 | DEK 5 FSZ 41-50    | F.21 |
| 0460660051 | DEK 5 FSZ 51-60    | F.21 |
| 0460660061 | DEK 5 FSZ 61-70    | F.21 |
| 0460660071 | DEK 5 FSZ 71-80    | F.21 |
| 0460660081 | DEK 5 FSZ 81-90    | F.21 |
| 0460660091 | DEK 5 FSZ 91-100   | F.21 |
| 0462900000 | H0,75/14 W         | F.66 |
| 0463000000 | H1,0/14 GE         | F.66 |
| 0463100000 | H1,5/14 R          | F.66 |
| 0468060000 | DEK 6.5 NEUTRAL    | F.23 |
| 0468091686 | DEK 6.5 RT NEUTRAL | F.23 |
| 0468091687 | DEK 6.5 GE NEUTRAL | F.23 |
| 0468091688 | DEK 6.5 GN NEUTRAL | F.23 |
| 0468091689 | DEK 6.5 VI NEUTRAL | F.23 |
| 0468091690 | DEK 6.5 OR NEUTRAL | F.23 |
| 0468091693 | DEK 6.5 BL NEUTRAL | F.23 |
| 0468091694 | DEK 6.5 SW NEUTRAL | F.23 |
| 0468160001 | DEK 6,5 FW 1-50    | F.23 |
| 0468160051 | DEK 6,5 FW 51-100  | F.23 |
| 0468160101 | DEK 6,5 FW 101-150 | F.23 |
| 0468160151 | DEK 6,5 FW 151-200 | F.23 |
| 0468160201 | DEK 6,5 FW 201-250 | F.23 |
| 0468160251 | DEK 6,5 FW 251-300 | F.23 |
| 0468160301 | DEK 6,5 FW 301-350 | F.23 |
| 0468160351 | DEK 6,5 FW 351-400 | F.23 |
| 0468160401 | DEK 6,5 FW 401-450 | F.23 |
| 0468160451 | DEK 6,5 FW 451-500 | F.23 |
| 0468160501 | DEK 6,5 FW 501-550 | F.23 |
| 0468260001 | DEK 6,5 FS 1-50    | F.23 |
| 0468260051 | DEK 6,5 FS 51-100  | F.23 |
| 0468260101 | DEK 6,5 FS 101-150 | F.23 |
| 0468560000 | DEK 6 NEUTRAL      | F.23 |
| 0468591686 | DEK 6 RT NEUTRAL   | F.23 |
| 0468591687 | DEK 6 GE NEUTRAL   | F.22 |
| 0468591688 | DEK 6 GN NEUTRAL   | F.22 |
| 0468591689 | DEK 6 VI NEUTRAL   | F.23 |
| 0468591690 | DEK 6 OR NEUTRAL   | F.23 |
| 0468591691 | DEK 6 GR NEUTRAL   | F.22 |
| 0468591692 | DEK 6 BR NEUTRAL   | F.22 |
| 0468591693 | DEK 6 BL NEUTRAL   | F.22 |
| 0468591694 | DEK 6 SW NEUTRAL   | F.23 |
| 0468660001 | DEK 6 FW 1-50      | F.22 |
| 0468660051 | DEK 6 FW 51-100    | F.22 |
| 0468660101 | DEK 6 FW 101-150   | F.22 |
| 0468660151 | DEK 6 FW 151-200   | F.22 |
| 0468660201 | DEK 6 FW 201-250   | F.22 |
| 0468660251 | DEK 6 FW 251-300   | F.22 |
| 0468660301 | DEK 6 FW 301-350   | F.22 |
| 0468660351 | DEK 6 FW 351-400   | F.22 |

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| 0468660401 | DEK 6 FW 401-450 | F.22 |
| 0468660451 | DEK 6 FW 451-500 | F.22 |
| 0468660501 | DEK 6 FW 501-550 | F.22 |
| 0468660551 | DEK 6 FW 551-600 | F.22 |
| 0468660601 | DEK 6 FW 601-650 | F.22 |
| 0468660651 | DEK 6 FW 651-700 | F.22 |
| 0468660701 | DEK 6 FW 701-750 | F.22 |
| 0468660751 | DEK 6 FW 751-800 | F.22 |
| 0468660801 | DEK 6 FW 801-850 | F.22 |
| 0468660851 | DEK 6 FW 851-900 | F.22 |
| 0468660901 | DEK 6 FW 901-950 | F.22 |
| 0468660951 | DEK 6 FW 951-999 | F.22 |
| 0468760001 | DEK 6 FS 1-50    | F.22 |
| 0468760051 | DEK 6 FS 51-100  | F.22 |
| 0468760101 | DEK 6 FS 101-150 | F.22 |
| 0468760151 | DEK 6 FS 151-200 | F.22 |
| 0468760201 | DEK 6 FS 201-250 | F.22 |
| 0468760251 | DEK 6 FS 251-300 | F.22 |
| 0468760301 | DEK 6 FS 301-350 | F.22 |
| 0468760351 | DEK 6 FS 351-400 | F.22 |
| 0468760401 | DEK 6 FS 401-450 | F.22 |
| 0468760451 | DEK 6 FS 451-500 | F.22 |
| 0468760501 | DEK 6 FS 501-550 | F.22 |
| 0468760551 | DEK 6 FS 551-600 | F.22 |
| 0468760601 | DEK 6 FS 601-650 | F.22 |
| 0468760651 | DEK 6 FS 651-700 | F.22 |
| 0468760701 | DEK 6 FS 701-750 | F.22 |
| 0468760751 | DEK 6 FS 751-800 | F.22 |
| 0468760801 | DEK 6 FS 801-850 | F.22 |
| 0468760851 | DEK 6 FS 851-900 | F.22 |
| 0468760901 | DEK 6 FS 901-950 | F.22 |
| 0468760951 | DEK 6 FS 951-999 | F.22 |

## 0470000000

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| 0470700000 | QL 2 SAK16       | D.43 |
| 0470800000 | QL 3 SAK16       | D.43 |
| 0470900000 | QL 4 SAK16       | D.43 |
| 0471000000 | QL 10 SAK16      | D.43 |
| 0473360000 | DEK 5 NEUTRAL    | F.22 |
| 0473391686 | DEK 5 RT NEUTRAL | F.22 |
| 0473391687 | DEK 5 GE NEUTRAL | F.21 |
| 0473391688 | DEK 5 GN NEUTRAL | F.21 |
| 0473391689 | DEK 5 VI NEUTRAL | F.22 |
| 0473391690 | DEK 5 OR NEUTRAL | F.22 |
| 0473391691 | DEK 5 GR NEUTRAL | F.21 |
| 0473391692 | DEK 5 BR NEUTRAL | F.21 |
| 0473391693 | DEK 5 BL NEUTRAL | F.21 |
| 0473391694 | DEK 5 SW NEUTRAL | F.22 |
| 0473460001 | DEK 5 FW 1-50    | F.21 |
| 0473460051 | DEK 5 FW 51-100  | F.21 |
| 0473460101 | DEK 5 FW 101-150 | F.21 |
| 0473460151 | DEK 5 FW 151-200 | F.21 |
| 0473460201 | DEK 5 FW 201-250 | F.21 |
| 0473460251 | DEK 5 FW 251-300 | F.21 |
| 0473460301 | DEK 5 FW 301-350 | F.21 |
| 0473460351 | DEK 5 FW 351-400 | F.21 |
| 0473460401 | DEK 5 FW 401-450 | F.21 |
| 0473460451 | DEK 5 FW 451-500 | F.21 |
| 0473460501 | DEK 5 FW 501-550 | F.21 |
| 0473460551 | DEK 5 FW 551-600 | F.21 |
| 0473460601 | DEK 5 FW 601-650 | F.21 |
| 0473460651 | DEK 5 FW 651-700 | F.21 |
| 0473460701 | DEK 5 FW 701-750 | F.21 |
| 0473460751 | DEK 5 FW 751-800 | F.21 |
| 0473460801 | DEK 5 FW 801-850 | F.21 |
| 0473460851 | DEK 5 FW 851-900 | F.21 |
| 0473460901 | DEK 5 FW 901-950 | F.21 |
| 0473460951 | DEK 5 FW 951-999 | F.21 |
| 0473560001 | DEK 5 FS 1-50    | F.21 |
| 0473560051 | DEK 5 FS 51-100  | F.21 |
| 0473560101 | DEK 5 FS 101-150 | F.21 |
| 0473560151 | DEK 5 FS 151-200 | F.21 |
| 0473560201 | DEK 5 FS 201-250 | F.21 |
| 0473560251 | DEK 5 FS 251-300 | F.21 |
| 0473560301 | DEK 5 FS 301-350 | F.21 |
| 0473560351 | DEK 5 FS 351-400 | F.21 |
| 0473560401 | DEK 5 FS 401-450 | F.21 |
| 0473560451 | DEK 5 FS 451-500 | F.21 |
| 0473560501 | DEK 5 FS 501-550 | F.21 |
| 0473560551 | DEK 5 FS 551-600 | F.21 |
| 0473560601 | DEK 5 FS 601-650 | F.21 |
| 0473560651 | DEK 5 FS 651-700 | F.21 |
| 0473560701 | DEK 5 FS 701-750 | F.21 |
| 0473560751 | DEK 5 FS 751-800 | F.21 |
| 0473560801 | DEK 5 FS 801-850 | F.21 |
| 0473560851 | DEK 5 FS 851-900 | F.21 |
| 0473560901 | DEK 5 FS 901-950 | F.21 |
| 0473560951 | DEK 5 FS 951-999 | F.21 |
| 0475360000 | ZB 4K GE/GN      | F.7  |
| 0475380000 | ZB 4K BL         | F.7  |
| 0475460000 | IK 4 GG ZB4      | F.6  |
| 0475480000 | IK 4 BL ZB4      | F.6  |

## 0480000000

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| 0485100000 | IS 4 DIN 6911 | F.63 |
| 0485200000 | ADP 1/HP1 1M  | F.15 |
| 0485300000 | ADP 2/HP2 1M  | F.15 |

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| 0485400000 | ADP 3/HP3 1M | F.15 |
| 0485560000 | HP 1 ADP1    | F.15 |
| 0485660000 | HP 2 ADP2    | F.15 |
| 0485760000 | HP 3 ADP3    | F.15 |
| 0485860000 | HP 4 ADP3    | F.15 |

## 0490000000

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| 0492500000 | H16,0/12              | F.77 |
| 0494920000 | SH 2                  | F.4  |
| 0495660000 | MOFU 35               | F.14 |
| 0498000000 | TS 35X15/2.3 2M/ST/ZN | F.10 |

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| 0501800000 | SAKS 4/35 DB           | D.48 |
| 0502100000 | SAKS 5/35 DB           | D.49 |
| 0502610000 | ZB 35K SW M6X16        | F.7  |
| 0502660000 | ZB 35K GE/GN M6X16     | F.7  |
| 0502680000 | ZB 35K BL M6X16        | F.7  |
| 0502780000 | IK 35/ZB35 BL          | F.6  |
| 0502860000 | ZB 16K GE/GN           | F.7  |
| 0502880000 | ZB 16K BL              | F.7  |
| 0502960000 | IK 16/ZB16 GG          | F.6  |
| 0502980000 | IK 16/ZB16 BL          | F.6  |
| 0503500000 | MB M3/M5 CRM           | F.14 |
| 0508401694 | STI Waterproof schwarz | F.39 |

## 0510000000

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| 0510300000 | G 25/0.50A/M WS        | C.65 |
| 0514200000 | TS 15X5 2M/ST/ZN       | F.9  |
| 0514300000 | TSK 35X15 2M PVC/GR    | F.11 |
| 0514400000 | TS 32X15/L 2M/ST/ZN    | F.9  |
| 0514500000 | TS 35X7.5/L 2M/ST/ZN   | F.10 |
| 0514570000 | TS 35X7.5/L 6 2M/ST/ZN | F.10 |
| 0515300000 | STR 7 F.SCHT 7         | F.31 |
| 0517960000 | SCHT 7                 | F.31 |
| 0518960001 | DEK 6 FWZ 1-10         | F.22 |
| 0518960011 | DEK 6 FWZ 11-20        | F.22 |
| 0518960021 | DEK 6 FWZ 21-30        | F.22 |
| 0518960031 | DEK 6 FWZ 31-40        | F.22 |
| 0518960041 | DEK 6 FWZ 41-50        | F.22 |
| 0518960051 | DEK 6 FWZ 51-60        | F.22 |
| 0518960061 | DEK 6 FWZ 61-70        | F.22 |
| 0518960071 | DEK 6 FWZ 71-80        | F.22 |
| 0518960081 | DEK 6 FWZ 81-90        | F.22 |
| 0518960091 | DEK 6 FWZ 91-100       | F.22 |
| 0518960101 | DEK 6 FWZ 101-110      | F.22 |
| 0518960111 | DEK 6 FWZ 111-120      | F.22 |
| 0518960121 | DEK 6 FWZ 121-130      | F.22 |
| 0518960131 | DEK 6 FWZ 131-140      | F.22 |
| 0518960141 | DEK 6 FWZ 141-150      | F.22 |
| 0518960151 | DEK 6 FWZ 151-160      | F.22 |
| 0518960161 | DEK 6 FWZ 161-170      | F.22 |
| 0518960171 | DEK 6 FWZ 171-180      | F.22 |
| 0518960181 | DEK 6 FWZ 181-190      | F.22 |
| 0518960191 | DEK 6 FWZ 191-200      | F.22 |
| 0518960201 | DEK 6 FWZ 201-210      | F.22 |
| 0519060001 | DEK 6,5 FWZ 1-10       | F.23 |
| 0519060011 | DEK 6,5 FWZ 11-20      | F.23 |
| 0519060021 | DEK 6,5 FWZ 21-30      | F.23 |
| 0519060031 | DEK 6,5 FWZ 31-40      | F.23 |
| 0519060041 | DEK 6,5 FWZ 41-50      | F.23 |
| 0519060051 | DEK 6,5 FWZ 51-60      | F.23 |
| 0519060061 | DEK 6,5 FWZ 61-70      | F.23 |
| 0519060071 | DEK 6,5 FWZ 71-80      | F.23 |
| 0519060081 | DEK 6,5 FWZ 81-90      | F.23 |
| 0519060091 | DEK 6,5 FWZ 91-100     | F.23 |

## 0520000000

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| 0522361075 | DEK 5 GW L1 | F.22 |
| 0522361076 | DEK 5 GW L2 | F.22 |
| 0522361077 | DEK 5 GW L3 | F.22 |
| 0522660001 | DEK 5 GW 1  | F.21 |
| 0522660002 | DEK 5 GW 2  | F.21 |
| 0522660003 | DEK 5 GW 3  | F.21 |
| 0522660004 | DEK 5 GW 4  | F.21 |
| 0522660005 | DEK 5 GW 5  | F.21 |
| 0522660006 | DEK 5 GW 6  | F.21 |
| 0522660007 | DEK 5 GW 7  | F.21 |
| 0522660008 | DEK 5 GW 8  | F.21 |
| 0522660009 | DEK 5 GW 9  | F.21 |
| 0522660010 | DEK 5 GW 10 | F.21 |
| 0522660011 | DEK 5 GW 11 | F.21 |
| 0522660012 | DEK 5 GW 12 | F.21 |
| 0522660013 | DEK 5 GW 13 | F.21 |
| 0522660014 | DEK 5 GW 14 | F.21 |
| 0522660015 | DEK 5 GW 15 | F.21 |
| 0522660016 | DEK 5 GW 16 | F.21 |
| 0522660017 | DEK 5 GW 17 | F.21 |
| 0522660018 | DEK 5 GW 18 | F.21 |
| 0522660019 | DEK 5 GW 19 | F.21 |
| 0522660020 | DEK 5 GW 20 | F.21 |
| 0522660021 | DEK 5 GW 21 | F.21 |
| 0522660022 | DEK 5 GW 22 | F.21 |
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| 0522660125 | DEK 5 GW 125 | F.21 |
| 0522660126 | DEK 5 GW 126 | F.21 |
| 0522660127 | DEK 5 GW 127 | F.21 |
| 0522660128 | DEK 5 GW 128 | F.21 |
| 0522660129 | DEK 5 GW 129 | F.21 |
| 0522660130 | DEK 5 GW 130 | F.21 |
| 0522660131 | DEK 5 GW 131 | F.21 |
| 0522660132 | DEK 5 GW 132 | F.21 |
| 0522660133 | DEK 5 GW 133 | F.21 |
| 0522660134 | DEK 5 GW 134 | F.21 |
| 0522660135 | DEK 5 GW 135 | F.21 |
| 0522660136 | DEK 5 GW 136 | F.21 |
| 0522660137 | DEK 5 GW 137 | F.21 |
| 0522660138 | DEK 5 GW 138 | F.21 |
| 0522660139 | DEK 5 GW 139 | F.21 |
| 0522660140 | DEK 5 GW 140 | F.21 |
| 0522660141 | DEK 5 GW 141 | F.21 |
| 0522660142 | DEK 5 GW 142 | F.21 |
| 0522660143 | DEK 5 GW 143 | F.21 |
| 0522660144 | DEK 5 GW 144 | F.21 |
| 0522660145 | DEK 5 GW 145 | F.21 |
| 0522660146 | DEK 5 GW 146 | F.21 |
| 0522660147 | DEK 5 GW 147 | F.21 |
| 0522660148 | DEK 5 GW 148 | F.21 |
| 0522660149 | DEK 5 GW 149 | F.21 |
| 0522660150 | DEK 5 GW 150 | F.21 |
| 0522660151 | DEK 5 GW 151 | F.21 |
| 0522660152 | DEK 5 GW 152 | F.21 |
| 0522660153 | DEK 5 GW 153 | F.21 |
| 0522660154 | DEK 5 GW 154 | F.21 |
| 0522660155 | DEK 5 GW 155 | F.21 |
| 0522660156 | DEK 5 GW 156 | F.21 |
| 0522660157 | DEK 5 GW 157 | F.21 |
| 0522660158 | DEK 5 GW 158 | F.21 |
| 0522660159 | DEK 5 GW 159 | F.21 |
| 0522660160 | DEK 5 GW 160 | F.21 |
| 0522660161 | DEK 5 GW 161 | F.21 |
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| 0522660163 | DEK 5 GW 163 | F.22 |
| 0522660164 | DEK 5 GW 164 | F.22 |
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| 0522660167 | DEK 5 GW 167 | F.22 |
| 0522660168 | DEK 5 GW 168 | F.22 |
| 0522660169 | DEK 5 GW 169 | F.22 |
| 0522660170 | DEK 5 GW 170 | F.22 |
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| 0522660180 | DEK 5 GW 180 | F.22 |
| 0522660181 | DEK 5 GW 181 | F.22 |
| 0522660182 | DEK 5 GW 182 | F.22 |
| 0522660183 | DEK 5 GW 183 | F.22 |
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| 0522660193 | DEK 5 GW 193 | F.22 |
| 0522660194 | DEK 5 GW 194 | F.22 |
| 0522660195 | DEK 5 GW 195 | F.22 |
| 0522660196 | DEK 5 GW 196 | F.22 |
| 0522660197 | DEK 5 GW 197 | F.22 |
| 0522660198 | DEK 5 GW 198 | F.22 |
| 0522660199 | DEK 5 GW 199 | F.22 |
| 0522660200 | DEK 5 GW 200 | F.22 |
| 0522761021 | DEK 5 GW A   | F.22 |
| 0522761022 | DEK 5 GW B   | F.22 |
| 0522761023 | DEK 5 GW C   | F.22 |
| 0522761024 | DEK 5 GW D   | F.22 |
| 0522761025 | DEK 5 GW E   | F.22 |
| 0522761026 | DEK 5 GW F   | F.22 |
| 0522761027 | DEK 5 GW G   | F.22 |
| 0522761028 | DEK 5 GW H   | F.22 |
| 0522761029 | DEK 5 GW I   | F.22 |
| 0522761030 | DEK 5 GW J   | F.22 |
| 0522761031 | DEK 5 GW K   | F.22 |
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| 0522761037 | DEK 5 GW Q   | F.22 |
| 0522761038 | DEK 5 GW R   | F.22 |
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| 0522761041 | DEK 5 GW U   | F.22 |

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| 0522761043 | DEK 5 GW W       | F.22 |
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| 0522761045 | DEK 5 GW Y       | F.22 |
| 0522761046 | DEK 5 GW Z       | F.22 |
| 0523060001 | DEK 5 FWZ 1-10   | F.21 |
| 0523060011 | DEK 5 FWZ 11-20  | F.21 |
| 0523060021 | DEK 5 FWZ 21-30  | F.21 |
| 0523060031 | DEK 5 FWZ 31-40  | F.21 |
| 0523060041 | DEK 5 FWZ 41-50  | F.21 |
| 0523060051 | DEK 5 FWZ 51-60  | F.21 |
| 0523060061 | DEK 5 FWZ 61-70  | F.21 |
| 0523060071 | DEK 5 FWZ 71-80  | F.21 |
| 0523060081 | DEK 5 FWZ 81-90  | F.21 |
| 0523060091 | DEK 5 FWZ 91-100 | F.21 |
| 0525500000 | GZ 1.0A/F        | C.65 |
| 0525910000 | ZBE 6K SW        | F.7  |
| 0525960000 | ZBE 6K GE/GN     | F.7  |
| 0525980000 | ZBE 6K BL        | F.7  |
| 0526060000 | IK 6 GG ZBE6K    | F.6  |
| 0526960001 | DEK 6 GW 1       | F.22 |
| 0526960002 | DEK 6 GW 2       | F.22 |
| 0526960003 | DEK 6 GW 3       | F.22 |
| 0526960004 | DEK 6 GW 4       | F.22 |
| 0526960005 | DEK 6 GW 5       | F.22 |
| 0526960006 | DEK 6 GW 6       | F.22 |
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| 0526960010 | DEK 6 GW 10      | F.22 |
| 0526960011 | DEK 6 GW 11      | F.22 |
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| 0526960013 | DEK 6 GW 13      | F.22 |
| 0526960014 | DEK 6 GW 14      | F.22 |
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| 0526960031 | DEK 6 GW 31      | F.22 |
| 0526960032 | DEK 6 GW 32      | F.22 |
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| 0526960034 | DEK 6 GW 34      | F.22 |
| 0526960035 | DEK 6 GW 35      | F.22 |
| 0526960036 | DEK 6 GW 36      | F.22 |
| 0526960037 | DEK 6 GW 37      | F.22 |
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| 0526960045 | DEK 6 GW 45      | F.22 |
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| 0526960047 | DEK 6 GW 47      | F.22 |
| 0526960048 | DEK 6 GW 48      | F.22 |
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| 0526960050 | DEK 6 GW 50      | F.22 |
| 0526960051 | DEK 6 GW 51      | F.22 |
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| 0526960053 | DEK 6 GW 53      | F.22 |
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| 0526960058 | DEK 6 GW 58      | F.22 |
| 0526960059 | DEK 6 GW 59      | F.22 |
| 0526960060 | DEK 6 GW 60      | F.22 |
| 0526960061 | DEK 6 GW 61      | F.22 |
| 0526960062 | DEK 6 GW 62      | F.22 |
| 0526960063 | DEK 6 GW 63      | F.22 |
| 0526960064 | DEK 6 GW 64      | F.22 |
| 0526960065 | DEK 6 GW 65      | F.22 |
| 0526960066 | DEK 6 GW 66      | F.22 |
| 0526960067 | DEK 6 GW 67      | F.22 |
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| 0526960069 | DEK 6 GW 69      | F.22 |
| 0526960070 | DEK 6 GW 70      | F.22 |
| 0526960071 | DEK 6 GW 71      | F.22 |
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| 0526960073 | DEK 6 GW 73      | F.22 |
| 0526960074 | DEK 6 GW 74      | F.22 |
| 0526960075 | DEK 6 GW 75      | F.22 |
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| 0526960086 | DEK 6 GW 86  | F.22 |
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| 0526960100 | DEK 6 GW 100 | F.23 |
| 0526961000 | DEK 6 GW 0   | F.22 |

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| 0533500000 | H6,0/20 SW   | F.66 |
| 0533800000 | GZ 0.5A/F    | C.65 |
| 0534200000 | H10,0/22 EB  | F.66 |
| 0537261187 | DEK 5 GW PE  | F.22 |
| 0537261188 | DEK 5 GW PEN | F.22 |
| 0537261235 | DEK 5 GW Mp  | F.22 |

## 0540000000

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| 0542500000 | H0,75/10        | F.77 |
| 0545300000 | QB 58/8/9/WI    | D.63 |
| 0546000000 | ISPF QB58 SW    | D.63 |
| 0546900000 | G 25/0,25A/M GE | C.65 |

## 0550000000

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| 0556660000 | SH 3                 | F.4  |
| 0556700000 | ZB 4/6               | F.6  |
| 0556800000 | ZB 16/6              | F.6  |
| 0558360000 | DEK 5 FWZ U,V,W,N,PE | F.21 |

## 0560000000

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| 0565460000 | ZB 4/6K GE/GN  | F.7  |
| 0565480000 | ZB 4/6K BL     | F.7  |
| 0565600000 | H1,5/24 R      | F.66 |
| 0565700000 | H6,0/26 SW     | F.66 |
| 0565800000 | H10,0/28 EB    | F.66 |
| 0565900000 | H16,0/22 GN    | F.66 |
| 0566000000 | H16,0/28 GN    | F.66 |
| 0566700000 | BEZ-KARTE ADP  | F.15 |
| 0567300000 | PZ 3           | F.51 |
| 0569660000 | ZB 16/6K GE/GN | F.7  |

## 0570000000

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| 0576261198 | DEK 5 GW +           | F.22 |
| 0576261199 | DEK 5 GW -           | F.22 |
| 0576261202 | DEK 5 GW ERDE        | F.22 |
| 0576261203 | DEK 5 GW ERDE I.K.R. | F.22 |
| 0576261215 | DEK 5 GW W-STROM     | F.22 |
| 0576291737 | DEK 5 GW RT/SW +     | F.22 |
| 0576291741 | DEK 5 GW BL/SW -     | F.22 |

## 0620000000

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| 0620220000 | MK 6/4    | D.135 |
| 0620320000 | MK 6/3    | D.135 |
| 0620420000 | MK 6/2    | D.135 |
| 0624720000 | BK 2 CRN  | D.137 |
| 0624920000 | BK 3 CRN  | D.137 |
| 0625120000 | BK 4 CRN  | D.137 |
| 0625220000 | BK 6 CRN  | D.137 |
| 0625320000 | BK 12 CRN | D.137 |

## 0630000000

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| 0631961187 | DEK 6 FWZ L1-PE           | F.22 |
| 0631961203 | DEK 6 FWZ L1-ERDE I.K.R.E | F.22 |
| 0632060000 | DEK 6,5 FWZ R,S,T,N,ERD   | F.23 |
| 0632161187 | DEK 6,5 FW L1-PE          | F.23 |
| 0632161203 | DEK 6,5 FW L1-ERDE I.K.R  | F.23 |
| 0632560000 | DEK 6 FW L,N,PE           | F.22 |
| 0635100000 | H1,5/16 R                 | F.66 |
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## 0680000000

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| 0688660000 | DEK 6 FW 1-5 (10X) | F.22 |

## 0690000000

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| 0697380000 | AP AKZ2.5 BL | D.130 |

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| 1067800000 | WAP WDL2.5             | D.157 |
| 1067980000 | WHP WDL2.5/S BL        | D.80  |
| 1068000000 | WQV 35-10              | D.161 |
| 1068160000 | WBB WDU1.5/BL...       | D.100 |
| 1068260000 | WBB ZA WDU1.5/BL 10/10 | D.100 |
| 1068300000 | WAP WTL6/1             | D.85  |
| 1068400000 | WTW WTL6/1 DB          | D.73  |
| 1068700000 | WSH 1                  | E.8   |
| 1069700000 | WAP WFF35              | D.158 |
| 1069800000 | WAP WFF70              | D.158 |
| 1069900000 | WDS 2                  | D.179 |
| 1070000000 |                        |       |
| 1070000000 | WAP WDK2.5/BLZ/O ZA    | D.101 |
| 1070100000 | WAP WDK2.5/BLZ/M ZA    | D.101 |
| 1070500000 | WZAF 35                | D.179 |
| 1071000000 | STB 21.6 /IH/DB WTL6/3 | D.173 |
| 1071010000 | STB 21.6 /IH/GE WTL6/3 | D.75  |
| 1071020000 | STB 21.6 /IH/GN WTL6/3 | D.75  |
| 1071030000 | STB 21.6 /IH/VI WTL6/3 | D.75  |
| 1071040000 | STB 21.6 /IH/SW WTL6/3 | C.68  |
| 1071080000 | STB 21.6 /IH/BL WTL6/3 | D.75  |
| 1071100000 | ZR WP04 DB             | D.115 |
| 1071200000 | SSCH 7.3X1.2X1000      | D.115 |
| 1071360000 | WQV 16N-PEN BL         | D.29  |
| 1071500000 | Q 2 WDL2.5S            | D.170 |
| 1071600000 | Q 3 WDL2.5S            | D.170 |
| 1071700000 | Q 4 WDL2.5S            | D.170 |
| 1071800000 | Q 10 WDL2.5S           | D.170 |
| 1071900000 | EW 15/2                | F.12  |
| 1072000000 | WAD 4 GE BED           | D.176 |
| 1072100000 | WAD 4 WS               | D.176 |
| 1072200000 | WAP 2.5-10 GN          | D.156 |
| 1072210000 | WAP 2.5-10 VI          | D.156 |
| 1072300000 | WQV 70/95-PEN          | D.31  |
| 1072400000 | WQV 120-PEN            | D.31  |
| 1072500000 | WQV 16N-4/6            | D.162 |
| 1072660000 | WBB WDK2.5/BL5.08      | D.101 |
| 1072760000 | WBB ZA WDK2.5/BL5.08   | D.101 |
| 1073000000 | WAP WFF120             | D.158 |
| 1073100000 | WQV 16N-2.5            | D.162 |
| 1073200000 | WAD 12N GE BED         | D.9   |
| 1074200000 | Q 20 WDL2.5S           | D.170 |
| 1074600000 | WAP WTR2.5/ZZ          | D.55  |
| 1074680000 | WAP WTR2.5/ZZ BL       | D.157 |
| 1079200000 | WQV 35N/2              | D.11  |
| 1079300000 | WQV 35N/3              | D.11  |
| 1079400000 | WQV 35N/4              | D.11  |
| 1079500000 | WQB PEN 35N            | D.180 |
| 1079600000 | WQB PEN 16N            | D.180 |
| 1079700000 | WQB PEN 70N            | D.180 |
| 1079900000 | WSH 4 MT               | E.10  |
| 1080000000 |                        |       |
| 1080100000 | WSH 5                  | E.8   |
| 1080200000 | WSH 6                  | E.8   |
| 1082400000 | BFEH 1/WSH             | E.9   |
| 1083040000 | PDU 6/10/4AN           | B.6   |
| 1083050000 | PSI 6/10               | B.16  |
| 1083100000 | WSH 18 MT              | E.9   |
| 1083200000 | WSH 19 MT              | E.9   |
| 1083500000 | WAD 16N WS             | D.176 |
| 1083600000 | WAD 16N GE BED         | D.11  |
| 1083900000 | SMSE WSH U1 MT         | E.9   |
| 1084000000 | WAP WDK2.5/4 N         | D.158 |
| 1084080000 | WAP WDK2.5/4 N BL      | D.158 |
| 1084780000 | PTL 6/10/STB           | B.23  |
| 1084790000 | PTD 6/10/STB           | B.23  |
| 1100000000 |                        |       |
| 1107680000 | WT4 4AN/2              | D.102 |
| 1107780000 | WAP WT4/4AN/2          | D.102 |
| 1107790000 | WP4/1AN/1              | D.102 |
| 1107800000 | WP4/1AN/10             | D.102 |
| 1108490000 | WP4/1AN/1 ZA           | D.102 |



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| 11121300000 | WAP WDK2.5/BLZ/0.ZA LG | D.157 |
| 11129100000 | WAD 5 MC NE WS         | F.33  |
| 11129200000 | WAD 5 MC NE GE         | F.33  |
| 11129300000 | WAD 5 MC SDR           | F.33  |
| 11129400000 | WAD 8 MC NE WS         | F.33  |
| 11129500000 | WAD 8 MC NE GE         | F.33  |
| 11129700000 | WAD 8 MC SDR           | F.33  |
| 11167100000 | PS_ZOV_SET             | C.144 |
| 11190300000 | ERME 10° SPX 4         | F.48  |
| 11190400000 | ERME 16° SPX 4         | F.48  |
| 11197000000 | ZDK 4-2/2AN            | C.31  |
| 11197900000 | WSI 6/2/LD 250AC LLC   | D.43  |
| 11198000000 | WSI 6/2/LD 10-36V LLC  | D.43  |
| 11198100000 | WSI 6/2/LD 30-70V LLC  | D.43  |
| 11198200000 | WSI 6/2/LD 60-150V LLC | D.43  |
| 11198300000 | WSI 6/LD 30-70V LLC    | D.42  |
| 11198400000 | WSI 6/LD 10-36V LLC    | D.42  |
| 11198500000 | WSI 6/LD 60-150V LLC   | D.42  |
| 11198700000 | WSI 6/LD 250AC LLC     | D.42  |

## 1120000000

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| 11204500000 | WAD 5 MC B GE/SW    | F.33  |
| 11204700000 | WAD 8 MC B GE/SW    | F.33  |
| 11217400000 | PS_ZOV              | C.144 |
| 11285400000 | SDIS 2.5-5.5/PZ/1/2 | F.55  |

## 1130000000

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| 11317400000 | ZOLD 2.5-2N PE         | C.25 |
| 11317500000 | ZOLD 2.5-2N/PE/L/L     | C.25 |
| 11317600000 | ZOLD 2.5-2N/PE/L/N     | C.25 |
| 11375300000 | VKSW                   | F.45 |
| 11377800000 | WSI 25/1 10X38/LED 1KV | D.47 |
| 11377900000 | WSI 25/1 10x38 1KV     | D.47 |
| 11394000000 | MCP BASIC              | F.38 |
| 11395700000 | PPE 16S                | B.27 |
| 11395800000 | PDU 16S                | B.26 |
| 11398800000 | MCP AP BASIC           | F.39 |
| 11398900000 | MCP TP-KDF BASIC       | F.39 |
| 11399100000 | PAP PDU16S             | B.26 |

## 1140000000

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| 11429700000 | WAD WMF2.5        | D.112 |
| 11429800000 | WBB WMF2.5 BLZ    | D.112 |
| 11429900000 | AP WMF2.5         | D.112 |
| 11430000000 | WMF 2.5 DI BLZ    | D.109 |
| 11430100000 | WMF 2.5 DI BLZ PE | D.110 |
| 11430200000 | WMF 2.5 DI        | D.106 |
| 11430300000 | WMF 2.5 DI PE     | D.107 |
| 11430500000 | WMF 2.5 BLZ       | D.109 |
| 11430700000 | WMF 2.5           | D.106 |

## 1150000000

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| 11578300000 | KT 22 | F.42 |
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## 1160000000

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| 11616900000 | WTL 6 SL                      | D.90  |
| 11626000000 | WEW 35/1 SW                   | F.5   |
| 11626100000 | ZEW 35/2 SW                   | F.12  |
| 11628200000 | WMF 2.5 FU BLZ PE SW          | D.111 |
| 11628300000 | WMF 2.5 FU BLZ PE 10-36V SW   | D.111 |
| 11628400000 | WMF 2.5 FU BLZ PE 30-70V SW   | D.111 |
| 11628500000 | WMF 2.5 FU BLZ PE 60-150V SW  | D.111 |
| 11628600000 | WMF 2.5 FU BLZ PE 100-250V SW | D.111 |
| 11629200000 | WMF 2.5 FU SW                 | D.108 |
| 11629300000 | WMF 2.5 FU 10-36V SW          | D.108 |
| 11629400000 | WMF 2.5 FU 30-70V SW          | D.108 |
| 11629500000 | WMF 2.5 FU 60-150V SW         | D.108 |
| 11629600000 | WMF 2.5 FU 100-250V SW        | D.108 |
| 11629800000 | WMF 2.5 FU BLZ SW             | D.111 |
| 11629900000 | WMF 2.5 FU BLZ 10-36V SW      | D.111 |
| 11630000000 | WMF 2.5 FU BLZ 30-70V SW      | D.111 |
| 11630100000 | WMF 2.5 FU BLZ 60-150V SW     | D.111 |
| 11630200000 | WMF 2.5 FU BLZ 100-250V SW    | D.111 |
| 11630400000 | WMF 2.5 FU PE SW              | D.108 |
| 11630500000 | WMF 2.5 FU PE 10-36V SW       | D.108 |
| 11630600000 | WMF 2.5 FU PE 30-70V SW       | D.108 |
| 11630700000 | WMF 2.5 FU PE 60-150V SW      | D.108 |
| 11630800000 | WMF 2.5 FU PE 100-250V SW     | D.108 |
| 11651300000 | PDU 6/10 4AN BL               | B.6   |
| 11651400000 | PSI 6/10 SW                   | B.16  |
| 11653200000 | PAP PTL/PSI 6/10              | B.46  |
| 11653300000 | PAP PTL/PSI 6/10 SW           | B.46  |
| 11674400000 | IL WMF2.5 BLZ OR              | D.112 |
| 11676300000 | FUCR SW                       | D.112 |
| 11676400000 | FUCR 10-36V SW                | D.112 |
| 11676500000 | FUCR 30-70V SW                | D.112 |
| 11676700000 | FUCR 60-150V SW               | D.112 |
| 11676800000 | FUCR 100-250V SW              | D.112 |
| 11678500000 | KLBU 4-13.5 CPF16             | E.13  |

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| 11735400000 | BZT PRV16 SW 35X15     | B.40 |
| 11735500000 | BZT PRV16 SW 35X7.5    | B.40 |
| 11735700000 | BZT PRV8 SW 35X15      | B.39 |
| 11735800000 | BZT PRV8 SW 35X7.5     | B.39 |
| 11735900000 | BZT PRV4 SW 35X15      | B.38 |
| 11736000000 | BZT PRV4 SW 35X7.5     | B.38 |
| 11736200000 | PRV 16 SW 35X15 RT/WS  | B.40 |
| 11736300000 | TW PRV16               | B.40 |
| 11736500000 | PRV 16 SW 35X15 WS/RT  | B.40 |
| 11736700000 | TW PRV8                | B.39 |
| 11736800000 | PRV 16 SW 35X7.5 RT/WS | B.40 |
| 11737000000 | TW PRV4                | B.38 |
| 11737100000 | PRV 16 SW 35X7.5 WS/RT | B.40 |
| 11737200000 | PAP PRV/PPV8 SW        | B.39 |
| 11737400000 | PRV 8 SW 35X15 RT/WS   | B.39 |
| 11737500000 | PAP PRV/PPV4 SW        | B.38 |
| 11737800000 | PRV 8 SW 35X15 WS/RT   | B.39 |
| 11737900000 | PRV 8 SW 35X7.5 RT/WS  | B.39 |
| 11738000000 | PRV 8 SW 35X7.5 WS/RT  | B.39 |
| 11738100000 | PRV 4 SW 35X15 RT      | B.38 |
| 11738200000 | PRV 4 SW 35X15 WS      | B.38 |
| 11738300000 | PRV 4 SW 35X7.5 RT     | B.38 |
| 11738400000 | PRV 4 SW 35X7.5 WS     | B.38 |
| 11738500000 | PPV 8 GR 35X15 DGR     | B.41 |
| 11738700000 | PPV 8 GR 35X7.5 DGR    | B.41 |
| 11738800000 | PPV 4 GR 35X15 DGR     | B.41 |
| 11738900000 | PPV 4 GR 35X7.5 DGR    | B.41 |
| 11739000000 | PRV 8 BL 35X15 WS/RT   | B.39 |
| 11739100000 | PRV 8 BL 35X7.5 WS/RT  | B.39 |
| 11739200000 | PRV 4 BL 35X15 WS      | B.38 |
| 11739300000 | PRV 4 BL 35X7.5 WS     | B.38 |

## 1180000000

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| 11866300000 | WDU 50N IR   | D.12 |
| 11867200000 | WAP WDK10    | D.21 |
| 11867300000 | WAP WDK10 BL | D.21 |
| 11867400000 | WDK 10       | D.21 |
| 11867500000 | WDK 10 BL    | D.21 |
| 11867700000 | WDK 10 V     | D.21 |
| 11867800000 | WDK 10 V BL  | D.21 |

## 1200000000

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| 12089200000 | ZVLD 2.5 | C.26 |
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## 1210000000

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| 12103900000 | ZTA ZVLD         | C.26 |
| 12104100000 | ZAP ZVLD 2.5     | C.26 |
| 12114500000 | PAP PRV/PPV4 GR  | B.38 |
| 12114600000 | PAP PRV/PPV8 GR  | B.39 |
| 12162300000 | HBT 6,0 - 4,6 GE | D.86 |

## 1220000000

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| 12213400000 | PMAK 4                | B.10 |
| 12213500000 | PMAK 4 800V           | B.10 |
| 12213600000 | PAP PMAK 4            | B.10 |
| 12248700000 | FUSE 1KV DC 2A 10/38  | D.47 |
| 12248800000 | FUSE 1KV DC 4A 10/38  | D.47 |
| 12248900000 | FUSE 1KV DC 6A 10/38  | D.47 |
| 12249000000 | FUSE 1KV DC 8A 10/38  | D.47 |
| 12249100000 | FUSE 1KV DC 10A 10/38 | D.47 |
| 12249200000 | FUSE 1KV DC 12A 10/38 | D.47 |
| 12249300000 | FUSE 1KV DC 16A 10/38 | D.47 |
| 12249500000 | FUSE 1KV DC 20A 10/38 | D.47 |
| 12278500000 | ZEW 35/2 GR           | F.12 |
| 12278900000 | WEW 35/1 GR           | F.5  |

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| 12300500000 | TW PRV4 1-4      | B.38 |
| 12300600000 | TW PRV4 0-3      | B.38 |
| 12300700000 | TW PRV4 A-D      | B.38 |
| 12300800000 | TW PRV8 1-8      | B.39 |
| 12300900000 | TW PRV8 0-7      | B.39 |
| 12301100000 | TW PRV8 A-H      | B.39 |
| 12301200000 | TW PRV16 1-16    | B.40 |
| 12301300000 | TW PRV16 0-15    | B.40 |
| 12301400000 | TW PRV16 A-P     | B.40 |
| 12333300000 | HBT 2,5 - 4,6 BL | D.86 |
| 12333400000 | HBT 1,5 - 4,6 RT | D.86 |
| 12380400000 | ZEW 35 GR        | F.12 |
| 12388800000 | WAP WTL6 SL 4-6  | D.90 |
| 12389200000 | WTD 6 SL 0.5TB   | D.68 |
| 12389300000 | WTL 6 SL 0.5TB   | D.68 |

## 1240000000

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| 12469900000 | SMSE WSH 135/60 MT   | E.9  |
| 12472900000 | WDK 2.5/TR-DU        | D.60 |
| 12473100000 | WDK 2.5/TR-DU STB    | D.60 |
| 12474200000 | WDK 2.5/TR-DU-PE     | D.61 |
| 12474300000 | WDK 2.5/TR-DU-PE STB | D.61 |

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| 12524900000 | KLBU 15-32 FM4   | E.12 |
| 12525100000 | KLBU 10-20 FM4   | E.12 |
| 12525200000 | KLBU 4-13.5 FM4  | E.12 |
| 12525300000 | KLBU 3-8 FM4     | E.12 |
| 12525400000 | KLBU 15-32 CPF16 | E.13 |
| 12525500000 | KLBU 10-20 CPF16 | E.13 |
| 12550100000 | GWHUE M3 WTL6    | D.69 |
| 12591200000 | ZDT 2.5/8AN/4    | C.90 |

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| 12613000000 | ZB 10 F.10X3/10X5/10X10 | F.6   |
| 12659900000 | ZSI 2X6/4X2.5           | C.64  |
| 12677900000 | PRV 16 BL 35X15 RT/WS   | B.40  |
| 12678000000 | PRV 16 BL 35X15 WS/RT   | B.40  |
| 12678100000 | PRV 16 BL 35X7.5 RT/WS  | B.40  |
| 12678200000 | PRV 16 BL 35X7.5 WS/RT  | B.40  |
| 12678300000 | PRV 8 BL 35X15 RT/WS    | B.39  |
| 12678400000 | PRV 8 BL 35X7.5 RT/WS   | B.39  |
| 12678700000 | PPV 8 BL 35X15 DGR      | B.41  |
| 12678800000 | PPV 8 BL 35X7.5 DGR     | B.41  |
| 12678900000 | PRV 4 BL 35X15 RT       | B.38  |
| 12679000000 | PRV 4 BL 35X7.5 RT      | B.38  |
| 12679100000 | PPV 4 BL 35X15 DGR      | B.41  |
| 12679200000 | PPV 4 BL 35X7.5 DGR     | B.41  |
| 12679300000 | BZT PRV16 BL 35X15      | B.40  |
| 12679400000 | BZT PRV16 BL 35X7.5     | B.40  |
| 12679500000 | BZT PRV8 BL 35X15       | B.39  |
| 12679700000 | BZT PRV8 BL 35X7.5      | B.39  |
| 12679800000 | BZT PRV4 BL 35X15       | B.38  |
| 12679900000 | BZT PRV4 BL 35X7.5      | B.38  |
| 12680000000 | PAP PRV/PPV8 BL         | B.39  |
| 12680100000 | PAP PRV/PPV4 BL         | B.38  |
| 12690500000 | EW 35 DB                | F.12  |
| 12690600000 | SCHT 14/6               | F.32  |
| 12690700000 | ZST 1                   | D.178 |

## 1270000000

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| 12700400000 | WMF 2.5 BL             | D.106 |
| 12700700000 | WMF 2.5 DI BL          | D.106 |
| 12700800000 | WMF 2.5 DI PE BL       | D.107 |
| 12703100000 | TSLD C                 | F.45  |
| 12718700000 | ZTA ZVLD/ZA            | C.26  |
| 12746600000 | SDI SL 0,6X3,5X100     | F.56  |
| 12746700000 | SDI SL 0,8X4,0X100     | F.56  |
| 12746800000 | SDI SL 1,0X5,5X125     | F.56  |
| 12746900000 | SDI SL 1,2X6,5X150     | F.56  |
| 12747100000 | SDIK SL PH1            | F.56  |
| 12747200000 | SDIK SL PH2            | F.56  |
| 12747300000 | SDIK SL P21            | F.56  |
| 12747400000 | SDIK SL P22            | F.56  |
| 12747500000 | SDIS SL 3,5-6,5/PH/1/2 | F.56  |
| 12769600011 | DEK 8 FWZ 1-10         | F.23  |
| 12769600111 | DEK 8 FWZ 11-20        | F.23  |
| 12769600211 | DEK 8 FWZ 21-30        | F.23  |
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| 12770600000 | DEK 8 NEUTRAL          | F.23  |
| 1277091686  | DEK 8 RT NEUTRAL       | F.23  |
| 1277091687  | DEK 8 GN NEUTRAL       | F.23  |
| 1277091688  | DEK 8 GE NEUTRAL       | F.23  |
| 1277091689  | DEK 8 VI NEUTRAL       | F.23  |
| 1277091690  | DEK 8 OR NEUTRAL       | F.23  |
| 12784600000 | SCHT 9/4               | F.32  |
| 12787300000 | ETA 1170 21 3A         | C.63  |
| 12787400000 | ETA 1170 21 4A         | C.63  |
| 12787500000 | ETA 1170 21 5A         | C.63  |
| 12787600000 | ETA 1170 21 6A         | C.63  |
| 12787700000 | ETA 1170 21 7.5A       | C.63  |
| 12787800000 | ETA 1170 21 8A         | C.63  |
| 12787900000 | ETA 1170 21 10A        | C.63  |
| 12788100000 | ETA 1170 21 15A        | C.63  |
| 12788200000 | ETA 1170 21 20A        | C.63  |
| 12788300000 | ETA 1170 21 25A        | C.63  |
| 12788400000 | ETA 1180 01 0.1A       | C.64  |
| 12788500000 | ETA 1180 01 0.2A       | C.64  |
| 12788600000 | ETA 1180 01 0.25A      | C.64  |
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| 12788800000 | ETA 1180 01 0.4A       | C.64  |
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| 12789200000 | ETA 1180 01 0.6A       | C.64  |
| 12789300000 | ETA 1180 01 0.7A       | C.64  |
| 12789400000 | ETA 1180 01 0.8A       | C.64  |
| 12789500000 | ETA 1180 01 1A         | C.64  |
| 12789600000 | ETA 1180 01 1.5A       | C.64  |
| 12789700000 | ETA 1180 01 2A         | C.64  |

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| 1563900000 | WD 1 25 K KARTE A 6 ST | D.151 |
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| 1572000000 | DEK 5 FWZ 1-9      | F.21  |
| 1577320000 | WAP WDU1.5/BLZ/ZA  | D.100 |
| 1577330000 | WAP WDU1.5/BLZ     | D.100 |
| 1577340000 | WDU 1.5/BLZ 5.08   | D.100 |
| 1577400000 | WAD WDU1.5/BLZ/BLA | D.100 |
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| 1577600000 | WQV 2.5/32         | D.168 |
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| 1578960000 | WQB A/3            | D.172 |
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| 1578990000 | WQB A/10           | D.172 |
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| 1579020000 | WQB B/3            | D.172 |
| 1579030000 | WQB B/4            | D.172 |
| 1579050000 | WQB B/10           | D.172 |
| 1579060000 | WQB B/24           | D.172 |

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| 1600490000 | KLBUe 10-20             | E.6   |
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| 1604270000 | WKS 1/2                 | D.67  |
| 1604280000 | WKB 1/2                 | D.71  |
| 1604290000 | WKS 1/3                 | D.71  |
| 1604300000 | WKB 1/3                 | D.71  |
| 1604310000 | WKS 1/4                 | D.71  |
| 1604320000 | WKB 1/4                 | D.71  |
| 1604330000 | WKB 1/10                | D.71  |
| 1607710000 | ESO 5 DIN A4 WEISS BOG. | F.31  |
| 1607720000 | ESO 7 A4-BOGEN WEISS    | F.31  |
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| 1608520000 | ZDU 2.5 BL              | C.6   |
| 1608540000 | ZDU 2.5/3AN             | C.6   |
| 1608550000 | ZDU 2.5/3AN BL          | C.6   |
| 1608570000 | ZDU 2.5/4AN             | C.7   |
| 1608580000 | ZDU 2.5/4AN BL          | C.7   |
| 1608600000 | ZDU 2.5/2X2AN           | C.7   |
| 1608610000 | ZDU 2.5/2X2AN BL        | C.7   |
| 1608620000 | ZDU 6                   | C.9   |
| 1608630000 | ZDU 6 BL                | C.9   |
| 1608640000 | ZPE 2.5                 | C.37  |
| 1608650000 | ZPE 2.5/3AN             | C.37  |
| 1608660000 | ZPE 2.5/4AN             | C.38  |
| 1608670000 | ZPE 6                   | C.40  |
| 1608740000 | ZAP/TW 1                | C.130 |
| 1608750000 | ZAP/TW 1 BL             | C.130 |
| 1608760000 | ZAP/TW 1 OR             | C.130 |
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| 1608780000 | ZAP/TW 2 BL             | C.6   |
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| 1608820000 | ZAP/TW 3 OR             | C.130 |
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| 1608870000 | ZQV 2.5/3               | C.140 |
| 1608880000 | ZQV 2.5/4               | C.140 |
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| 1608900000 | ZQV 2.5/6               | B.49  |
| 1608910000 | ZQV 2.5/7               | B.49  |
| 1608920000 | ZQV 2.5/8               | B.49  |
| 1608930000 | ZQV 2.5/9               | B.49  |
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| 1608960000 | ZQV 4/3 GE              | C.140 |
| 1608970000 | ZQV 4/4 GE              | C.140 |
| 1608980000 | ZQV 4/5 GE              | C.140 |
| 1608990000 | ZQV 4/6 GE              | C.140 |
| 1609000000 | ZQV 4/7 GE              | C.140 |
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| 1609110000 | ZAD 1/4                 | C.146 |
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| 1815430000 | ZP 2.5/1AN/1            | C.83  |
| 1815440000 | ZP 2.5/1AN/2            | C.83  |
| 1815450000 | ZP 2.5/1AN/3            | C.83  |
| 1815500000 | ZP 2.5/1AN/4            | C.83  |
| 1815510000 | ZP 2.5/1AN/5            | C.83  |
| 1815520000 | ZP 2.5/1AN/6            | C.96  |
| 1815530000 | ZP 2.5/1AN/7            | C.83  |
| 1815540000 | ZP 2.5/1AN/8            | C.83  |
| 1815550000 | ZP 2.5/1AN/9            | C.83  |
| 1815560000 | ZP 2.5/1AN/10           | C.83  |
| 1815570000 | ZP 2.5/1AN/11           | C.96  |
| 1815580000 | ZP 2.5/1AN/12           | C.96  |
| 1815590000 | ZP 2.5/1AN/13           | C.96  |
| 1815600000 | ZP 2.5/1AN/14           | C.96  |
| 1815610000 | ZP 2.5/1AN/15           | C.96  |
| 1815620000 | ZP 2.5/1AN/16           | C.96  |
| 1815720000 | ZP 2.5/1AN/24           | C.96  |
| 1815730000 | ZP 2.5/2AN/QV/1         | C.97  |
| 1815740000 | ZP 2.5/2AN/QV/2         | C.97  |
| 1815750000 | ZP 2.5/2AN/QV/3         | C.97  |
| 1815760000 | ZP 2.5/2AN/QV/4         | C.97  |
| 1815770000 | ZP 2.5/2AN/QV/5         | C.97  |
| 1815780000 | ZP 2.5/2AN/QV/6         | C.97  |
| 1815790000 | ZP 2.5/2AN/QV/7         | C.97  |
| 1815800000 | ZP 2.5/2AN/QV/8         | C.97  |
| 1815810000 | ZP 2.5/2AN/QV/9         | C.97  |
| 1815820000 | ZP 2.5/2AN/QV/10        | C.97  |
| 1815830000 | ZP 2.5/2AN/QV/11        | C.97  |
| 1815840000 | ZP 2.5/2AN/QV/12        | C.97  |
| 1815850000 | ZP 2.5/2AN/QV/13        | C.97  |
| 1815860000 | ZP 2.5/2AN/QV/14        | C.97  |
| 1815870000 | ZP 2.5/2AN/QV/15        | C.97  |
| 1815880000 | ZP 2.5/2AN/QV/16        | C.97  |
| 1816030000 | ZAP/TW ZT2.5/2AN        | C.133 |
| 1816040000 | ZAP/TW ZT2.5/2AN OR     | C.133 |
| 1816050000 | ZAP/TW ZT2.5/3AN        | C.133 |
| 1816060000 | ZAP/TW ZT2.5/3AN OR     | C.82  |
| 1816070000 | ZAP/TW ZT2.5/4AN/2      | C.133 |
| 1816080000 | ZAP/TW ZT2.5/4AN/2 OR   | C.133 |
| 1816090000 | ZAP/TW ZT2.5/4AN/4      | C.133 |
| 1816110000 | ZAP/TW ZDT2.5/2         | C.133 |
| 1816130000 | ZVR ZP2.5               | C.103 |
| 1816140000 | ZZE ZP2.5               | C.103 |
| 1816150000 | KDSF ZT2.5              | C.100 |
| 1818400000 | WS 10/6 MC Midd. Neutr. | F.28  |
| 1818410000 | WS 10/6 MC Midd. Sonder | F.29  |

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| 1820550000 | WDU 95N/120N           | D.13  |
| 1820560000 | WDU 95N/120N BL        | D.13  |
| 1820570000 | ZP 2.5/1AN/QV/1 GN     | C.97  |
| 1820580000 | ZP 2.5/1AN/1 GN        | C.96  |
| 1820590000 | ZP 2.5/2AN/QV/1 GN     | C.97  |
| 1820840000 | WDU 50N                | D.12  |
| 1820850000 | WDU 50N BL             | D.12  |
| 1820860000 | ZSI 6-2 2X2.5/G20/GL   | C.60  |
| 1820930000 | ZSI 6-2 2X2.5/G20      | C.60  |
| 1820940000 | ZSI 6-2 2X2.5/G25/GL   | C.60  |
| 1820950000 | ZSI 6-2 2X2.5/G25      | C.60  |
| 1822210000 | WDU 240 BL             | D.13  |
| 1826030000 | ZSI 2.5-2/2X2AN/G20/GL | C.58  |
| 1826050000 | ZSI 2.5-2/2X2AN/G20    | C.58  |
| 1826090000 | ZSI 2.5-2/2X2AN/G25/GL | C.58  |
| 1826200000 | ZSI 2.5-2/2X2AN/G25    | C.58  |
| 1826890000 | WQV 95/120/2           | D.13  |
| 1826900000 | WQV 95/120/3           | D.13  |
| 1826910000 | WQV 95/120/4           | D.13  |
| 1826970000 | ZDU 1.5/2X2AN          | C.5   |
| 1826990000 | ZDU 1.5/2X2AN BL       | C.5   |
| 1827000000 | ZDU 1.5/2X2AN OR       | C.152 |
| 1827080000 | ZTA ZT2.5              | C.142 |
| 1828450000 | WS 10/6 MC NEUTRAL     | F.28  |
| 1828460000 | WS 10/6 MC Sonderdruck | F.29  |

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| 1830420000 | ZDU 6 RT                    | C.153 |
| 1830610000 | ZDU 10 OR                   | C.153 |
| 1830650000 | ZDU 16 SW                   | C.153 |
| 1830680000 | ZDU 16 OR                   | C.153 |
| 1830760000 | ZDU 35 OR                   | C.153 |
| 1831130000 | ZTR 2.5/0.TNHE              | C.66  |
| 1831260000 | ZDK 2.5-2 OR                | C.152 |
| 1831280000 | ZTR 2.5                     | C.66  |
| 1833090000 | TNST                        | D.178 |
| 1833100000 | BEST                        | D.178 |
| 1833340000 | WDU 10 GN                   | D.181 |
| 1833350000 | WDU 10 GE                   | D.181 |
| 1833380000 | WDU 10 WS                   | D.181 |
| 1833400000 | WDU 16 RT                   | D.181 |
| 1833420000 | WDU 16 SW                   | D.181 |
| 1833600000 | WDK 2.5/TR-DU/o TNHE        | D.60  |
| 1833610000 | WDK 2.5/TR-DU/o TNHE StB    | D.60  |
| 1833640000 | WDK 2.5/TR-DU-PE/o TNHE     | D.61  |
| 1833670000 | WDK 2.5/TR-DU-PE/o TNHE StB | D.61  |
| 1834060000 | WQV 50N/2                   | D.12  |
| 1834070000 | WQV 50N/3                   | D.12  |
| 1834080000 | WQV 50N/4                   | D.12  |
| 1835840000 | KLUBE 3-8 SDSC              | E.11  |
| 1836370000 | QVAR 1                      | C.134 |
| 1836550000 | WDU 35N KB BL               | D.181 |
| 1837030000 | PDL 4 S/L/L                 | B.30  |
| 1837040000 | PDL 4 S/L/L/PE              | B.32  |
| 1837050000 | PDL 4 S/N/L/PE              | B.31  |
| 1837060000 | PDL 4 S/NT/L/PE             | B.30  |
| 1837070000 | PAP PDL4S                   | B.30  |
| 1837080000 | PHP PDL SO                  | B.30  |
| 1837090000 | PHP PDL                     | B.30  |
| 1839850000 | WAP WDK 2.5N/TR-DU          | D.60  |

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| 1846030000 | WPE 95N/120N          | D.31  |
| 1846040000 | WPE 50N               | D.30  |
| 1847600000 | ZTA ZT2.5/ZA          | C.142 |
| 1847610000 | PDL 4 S/L             | B.31  |
| 1847620000 | PDL 4 S/N             | B.32  |
| 1847630000 | PDL 4 S/N/L           | B.31  |
| 1847740000 | STB 36.8/1H/DB WTL6/1 | B.23  |
| 1847760000 | STB 36.8/1H/GE WTL6/1 | D.73  |
| 1847770000 | STB 36.8/1H/GN WTL6/1 | D.73  |
| 1847780000 | STB 36.8/1H/VI WTL6/1 | D.71  |
| 1847790000 | STB 36.8/1H/BL WTL6/1 | D.73  |
| 1848290000 | TS 35X15/2.3 2M/AL/BK | F.10  |
| 1848330000 | ZTPE 4/4AN/2          | C.88  |
| 1848340000 | ZP 4/1AN/1            | C.85  |
| 1848350000 | ZT 4/4AN/2            | C.85  |
| 1848480000 | Feko ZRV2.5 1.5-2.5   | C.95  |

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| 1854090000 | WS 10/15 MC Neutr.        | F.29  |
| 1854100000 | WS 10/15 MC Sonderdruck   | F.29  |
| 1854490000 | DEK 5/5 PLUS MC NEUTRAL   | F.25  |
| 1854500000 | DEK 5/5 PLUS MC SONDERDR. | F.25  |
| 1854750000 | Feko ZRV2.5 0.2-0.35      | C.95  |
| 1854760000 | Feko ZRV2.5 0.5-1         | C.95  |
| 1854960000 | ZT 4/2AN/1                | C.85  |
| 1854970000 | ZTPE 4/2AN/1              | C.88  |
| 1854980000 | ZP 4/1AN/1 GN             | C.97  |
| 1854990000 | ZP 4/1AN/2                | C.85  |
| 1855000000 | ZP 4/1AN/3                | C.85  |
| 1855010000 | ZP 4/1AN/4                | C.85  |
| 1855020000 | ZP 4/1AN/5                | C.85  |
| 1855030000 | ZP 4/1AN/6                | C.85  |
| 1855040000 | ZP 4/1AN/7                | C.85  |
| 1855050000 | ZP 4/1AN/8                | C.85  |
| 1855060000 | ZP 4/1AN/9                | C.85  |
| 1855070000 | ZP 4/1AN/10               | C.85  |
| 1855080000 | ZP 4/1AN/11               | C.97  |
| 1855090000 | ZP 4/1AN/12               | C.97  |
| 1855100000 | ZP 4/1AN/13               | C.97  |
| 1855110000 | ZP 4/1AN/14               | C.97  |
| 1855120000 | ZP 4/1AN/15               | C.97  |
| 1855130000 | ZP 4/1AN/16               | C.97  |
| 1855220000 | ZAP/TW ZT4/2AN            | C.85  |
| 1855230000 | ZAP/TW ZT4/2AN OR         | C.85  |
| 1855240000 | ZAP/TW ZT4/4AN/2 OR       | C.85  |
| 1855250000 | ZVR ZP4                   | D.102 |
| 1855260000 | ZZE ZPE                   | D.102 |
| 1855610000 | WTR 2.5                   | D.54  |
| 1855620000 | WTR 2.5 STB2.3            | D.54  |
| 1856740000 | DEK 5/8 MC Neutral        | F.25  |
| 1856750000 | DEK 5/8 MC Sonderdruck    | F.25  |
| 1856860000 | KDSF ZT4                  | D.102 |
| 1858920000 | Tintenant PrintJet II     | F.36  |
| 1858950000 | CleanUnit PrintJet II     | F.36  |
| 1859200000 | WEW 35/2 GR 7042          | F.5   |
| 1859570000 | IEPL                      | C.134 |
| 1859580000 | WZAD 95N/120N             | D.13  |
| 1859600000 | Q WDU6-2.5 SET            | D.162 |
| 1859620000 | Q WDU10-2.5 SET           | D.161 |

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| 1861030000 | ZAD ZT/ZPS2.5           | C.100 |
| 1861040000 | ZPS 2.5/1AN/QV/1        | C.99  |
| 1861050000 | ZPS 2.5/1AN/QV/1 GN     | C.99  |
| 1865510000 | ZTR 2.5                 | C.93  |
| 1865520000 | ZAP/TW ZTR2.5           | C.93  |
| 1865940000 | ZPS 2.5/1AN/QV/6        | C.103 |
| 1866070000 | GHDE ZPS2.5/1AN         | C.99  |
| 1866220000 | ZZE ZP2.5/4             | C.100 |
| 1866230000 | ZZE ZP2.5/8             | C.100 |
| 1866240000 | ZVLA SC ZPS2.5          | C.105 |
| 1866250000 | ZVLA1 ZPS2.5            | C.103 |
| 1866260000 | ZVLA RC ZPS2.5          | C.105 |
| 1866290000 | TS 35X15/6X25 2M/ST/ZN  | F.10  |
| 1866760000 | Removal Tool AFK        | C.95  |
| 1867090000 | ZP 2.5/1AN/2 GN/BE      | C.96  |
| 1867100000 | ZP 2.5/1AN/3 GN/BE      | C.96  |
| 1867110000 | ZP 2.5/1AN/4 GN/BE      | C.96  |
| 1867120000 | ZP 2.5/1AN/5 GN/BE      | C.96  |
| 1867130000 | ZP 2.5/1AN/6 GN/BE      | C.96  |
| 1867140000 | ZP 2.5/1AN/7 GN/BE      | C.96  |
| 1867150000 | ZP 2.5/1AN/8 GN/BE      | C.96  |
| 1867160000 | ZP 2.5/1AN/9 GN/BE      | C.96  |
| 1867170000 | ZP 2.5/1AN/10 GN/BE     | C.96  |
| 1867180000 | ZP 2.5/1AN/11 GN/BE     | C.96  |
| 1867190000 | ZP 2.5/1AN/12 GN/BE     | C.96  |
| 1867200000 | ZP 2.5/1AN/13 GN/BE     | C.96  |
| 1867210000 | ZP 2.5/1AN/14 GN/BE     | C.96  |
| 1867220000 | ZP 2.5/1AN/15 GN/BE     | C.96  |
| 1867240000 | ZP 2.5/1AN/17 GN/BE     | C.96  |
| 1867420000 | ZSI 2.5/2/X2XAM/G20/LD3 | C.59  |
| 1867440000 | ZSI 2.5/2/X2XAM/G20/LD1 | C.59  |
| 1867500000 | ZSI 6-2 X2.5/G20/LD1    | C.61  |
| 1868880000 | SMSE WF10/x2m6          | D.150 |

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| 1896250000 | PDU 2.5/4/4AN BL        | B.5   |
| 1896270000 | PDU 6/10 BL             | B.5   |
| 1896280000 | PDU 6/10/3AN BL         | B.6   |
| 1896290000 | PAP 16                  | B.7   |
| 1896300000 | PAP 2.5/4               | B.4   |
| 1896320000 | PAP 2.5/4/4AN           | B.4   |
| 1896330000 | PAP PDU6/10             | B.5   |
| 1896340000 | PAP PDU6/10/3AN         | B.6   |
| 1896350000 | PNT 16                  | B.29  |
| 1896360000 | PNT 2.5/4               | B.28  |
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| 1896380000 | PHP PNT16               | B.29  |
| 1896390000 | PHP PNT 2.5/4           | B.28  |
| 1896400000 | PDU 16                  | B.7   |
| 1896480000 | PAP 2.5/4/3AN           | B.11  |
| 1897000000 | DS 13.5 WTL6/4FF        | D.76  |
| 1897010000 | QL 2 WTL6/4FF           | D.76  |
| 1897020000 | QL 3 WTL6/4FF           | D.76  |
| 1897030000 | QL 4 WTL6/4FF           | D.76  |
| 1897090000 | QL 10 WTL 6/4 FF        | D.76  |
| 1897100000 | QL 50 WTL6/4FF          | D.76  |
| 1897110000 | Q 2 WTL6/2FF            | D.76  |
| 1897120000 | Q 3 WTL6/2FF            | D.76  |
| 1897130000 | Q 4 WTL 6/4FF           | D.76  |
| 1897190000 | Q 10 WTL 6/4FF          | D.76  |
| 1898420000 | STGH 0.R/SW ZRV2.5      | C.95  |
| 1898430000 | STGH 0.ZA/0.R/SW ZRV2.5 | C.95  |
| 1898450000 | ZTC 2.5/4AN/4           | C.84  |
| 1898480000 | ZTCPE 2.5/4AN/4         | C.87  |
| 1899170000 | MOFU 15/35 ZPS2.5       | C.105 |
| 1899180000 | PDL 4/N/L/PE            | B.34  |
| 1899190000 | PDL 4/TR/DU             | B.22  |
| 1899200000 | PDL 4/TR/DU/PE          | B.22  |
| 1899210000 | PDL 4/TR/DU 0 TNHE      | B.21  |
| 1899220000 | PDL 4/TR/DU/PE 0 TNHE   | B.21  |

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| 1904960000 | WOL 4 WF8-6/3           | D.150 |
| 1905060000 | WDU 4/ZZ                | D.7   |
| 1905070000 | WAP WDU/WTR4/ZR         | D.157 |
| 1905080000 | WTR 4/ZR                | D.57  |
| 1905090000 | WTR 4/ZZ                | D.56  |
| 1905100000 | WTR 4/ZZ STB            | D.56  |
| 1905110000 | WTR 4/ZR STB            | D.57  |
| 1905120000 | WPE 4/ZR                | D.25  |
| 1905130000 | WPE 4/ZZ                | D.25  |
| 1905140000 | WDU 4/ZR                | D.7   |
| 1905150000 | WAP WDU/WTR4/ZZ         | D.157 |
| 1905170000 | ZDK 4-2/N/L             | C.31  |
| 1905470000 | ZTRR 2.5 0.TNHE         | C.93  |
| 1905490000 | M-PRINT PRO             | F.41  |
| 1905500000 | M-PRINT PRO ADVANCED    | F.41  |
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| 1905970000 | WS 10/12 MC NEUTRAL     | F.29  |
| 1906000000 | WS 12/8 PLUS MC NE WS   | F.29  |
| 1906010000 | WS 12/8 PLUS MC SDR     | F.29  |
| 1906030000 | WS 10/8 PLUS MC SDR     | F.29  |
| 1906060000 | WS 10/12 MC SONDERDRUCK | F.29  |
| 1906210000 | ZQV 6N/2                | B.5   |
| 1906220000 | ZQV 6N/3                | B.5   |
| 1906230000 | ZQV 6N/4                | B.5   |
| 1906240000 | ZQV 6N/20               | B.5   |
| 1906960000 | ZRV 2.5/1               | C.95  |
| 1906970000 | ZRV 2.5/2               | C.95  |
| 1906980000 | AP ZRV2.5               | C.95  |
| 1907000000 | STGH ZRV2.5             | C.95  |
| 1907010000 | STGH 0.ZA ZRV2.5        | C.95  |
| 1907520000 | DEK 5/5 PLUS MC GE      | F.25  |
| 1908550000 | BA ZPS2.5               | C.105 |
| 1908560000 | BA RC ZPS2.5            | C.105 |
| 1908960000 | ZQV 2.5/20              | C.140 |
| 1908990000 | ZQV 6/24 GE             | C.141 |
| 1909000000 | ZQV 2.5N/20 GE          | D.165 |
| 1909010000 | ZQV 4/20 GE             | C.140 |
| 1909020000 | ZQV 4N/20 GE            | D.165 |
| 1909100000 | ZQV 4N/20 BL            | D.165 |
| 1909110000 | ZQV 2.5N/20 RT          | D.165 |
| 1909120000 | ZQV 4N/20 SW            | D.165 |
| 1909130000 | ZQV 2.5N/20 SW          | D.165 |
| 1909140000 | ZQV 2.5N/20 BL          | D.165 |
| 1909150000 | ZQV 4N/20 RT            | D.165 |

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| 1915450000 | WTA 8 TN             | D.72  |
| 1915480000 | WTA 8 KO-TN          | D.175 |
| 1916150000 | PAD 2.5/4/4          | B.4   |
| 1916160000 | PAD 6/10/4           | B.5   |
| 1916170000 | PAD 16/4             | B.7   |
| 1916180000 | PTA PDU2.5/4         | B.4   |
| 1916190000 | PTA ZA PDU2.5/4      | B.4   |
| 1916400000 | PRH 2.5/4/2          | B.4   |
| 1916410000 | PRH 2.5/4/1          | B.4   |
| 1916790000 | PHP PNT 2.5/4 SD     | B.28  |
| 1917410000 | WS 10/6 MC MIDDLE OR | F.28  |
| 1917420000 | WS 10/6 MC MIDDLE GN | F.28  |

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| 1917440000 | WS 10/6 MC MIDDLE RT | F.28 |
| 1918680000 | POK 2.5/4V BL        | B.8  |
| 1918710000 | POK 2.5/4 PE         | B.15 |
| 1918720000 | POK 2.5/4L-PE        | B.8  |
| 1918730000 | POK 2.5/4V           | B.9  |
| 1918740000 | POK 2.5/4AN-L        | B.9  |
| 1918760000 | POK 2.5/4 BL         | B.8  |
| 1918770000 | POK 2.5/4            | B.8  |
| 1918780000 | PEI 16               | B.7  |
| 1918790000 | PEI 16 BL            | B.7  |
| 1919690000 | PHP PNT16 SD         | B.29 |
| 1919710000 | PHP PNT 6/10 SD      | B.28 |
| 1919720000 | PAP POK 2.5/4        | B.8  |

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| 1920640000 | PLOTTER PEN 0.25 PINK    | F.39  |
| 1920650000 | PLOTTER PEN 0.35 PINK    | F.39  |
| 1924310000 | MCP AP SF4-6             | F.39  |
| 1924320000 | MCP KLEBFESTREIFEN       | F.39  |
| 1924330000 | P-CLEANER                | F.39  |
| 1924340000 | P-Ink 2.0                | F.39  |
| 1924350000 | MCP COVER                | F.39  |
| 1924360000 | MCP AP PLUS              | F.39  |
| 1924370000 | MCP AP LABELS            | F.39  |
| 1924450000 | ZDK 2.5/3AN D2           | C.127 |
| 1924460000 | ZDK 2.5/3AN DU-PE        | C.33  |
| 1924470000 | ZDK 2.5/3AN PE           | C.52  |
| 1924480000 | ZDK 2.5/3AN V BL         | C.32  |
| 1924490000 | ZDK 2.5/3AN V            | C.32  |
| 1924500000 | ZDK 2.5/3AN BL           | C.32  |
| 1924510000 | ZDK 2.5/3AN              | C.32  |
| 1924910000 | ZAP/TW ZDU 2.5/3AN       | C.127 |
| 1925000000 | MCP PLUS                 | F.39  |
| 1927510000 | WS 12/5 PLUS MC NEUTRAL  | F.28  |
| 1927520000 | WS 12/5 PLUS SONDERDRUCK | F.28  |
| 1927530000 | WS 12/6 PLUS MC NEUTRAL  | F.28  |
| 1927540000 | WS 12/6 PLUS SONDERDRUCK | F.29  |

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| 1933700000 | ZDU 2.5N                  | C.18  |
| 1933710000 | ZDU 2.5N BL               | C.18  |
| 1933720000 | ZDU 2.5N/3AN              | C.18  |
| 1933730000 | ZDU 2.5N/3AN BL           | C.18  |
| 1933740000 | ZDU 2.5N/4AN              | C.19  |
| 1933750000 | ZDU 2.5N/4AN BL           | C.19  |
| 1933760000 | ZPE 2.5N                  | C.48  |
| 1933770000 | ZPE 2.5N/3AN              | C.48  |
| 1933780000 | ZPE 2.5N/4AN              | C.49  |
| 1933790000 | ZAP/TW ZDU/ZPE 2.5N       | C.18  |
| 1933800000 | ZAP/TW ZDU/ZPE 2.5N/3AN   | C.18  |
| 1933810000 | ZAP/TW ZDU/ZPE 2.5N/4AN   | C.19  |
| 1933890000 | PTR 2.5/4/4AN 0 TNHE      | B.20  |
| 1933910000 | PTR 2.5/4 0 TNHE          | B.18  |
| 1933930000 | PTR 2.5/4/3AN BL          | B.19  |
| 1933940000 | PTR 2.5/4/4AN             | B.18  |
| 1933950000 | PTR 2.5/4                 | B.19  |
| 1933970000 | PTR 2.5/4 BL              | B.18  |
| 1933980000 | PTR 2.5/4/3AN             | B.19  |
| 1933990000 | PTR 2.5/4/3AN 0 TNHE      | B.19  |
| 1934000000 | PTR 2.5/4/4AN BL          | B.19  |
| 1934160000 | ZAD 9/4                   | C.147 |
| 1934680000 | PAP PTR2 5/4              | B.18  |
| 1934690000 | PAP PTR2.5/4/3AN          | B.19  |
| 1934700000 | PAP PTR2.5/4/4AN          | B.19  |
| 1934790000 | WTO 6/1 EN                | D.73  |
| 1934800000 | WTO 6/1 EN STB            | D.73  |
| 1934810000 | WTL 6/1 EN                | D.73  |
| 1934820000 | WTL 6/1 EN STB            | D.73  |
| 1934830000 | WTD 6/1 EN                | D.63  |
| 1935130000 | MCP EP                    | F.39  |
| 1936140000 | WKS 2/2                   | D.74  |
| 1936150000 | WKS 2/3                   | D.74  |
| 1936160000 | WKS 2/4                   | D.73  |
| 1936240000 | STB 21.6/45 GE            | D.71  |
| 1936250000 | STB 21.6/45 GN            | D.71  |
| 1936260000 | STB 21.6/45 VI            | D.71  |
| 1936270000 | STB 21.6/45 SW            | D.71  |
| 1936280000 | STB 21.6/45 GR            | D.71  |
| 1936290000 | STB 21.6/45 BL            | D.71  |
| 1936300000 | STB 21.6/45 RT            | D.71  |
| 1938790000 | STB 21.6/45 DB            | D.71  |
| 1938820000 | WTL 6/1/STB/TNISC/EN      | D.74  |
| 1939440000 | WPDB 16/6 3/4             | D.122 |
| 1939450000 | WPDB 35-16/16 1-1/6       | D.122 |
| 1939460000 | WPDB 70/16 1/10           | D.123 |
| 1939470000 | WPDB 120/35-16-10 1/2-5/4 | D.124 |
| 1939480000 | WPDB 185/35-16-10 1/2-5/4 | D.124 |
| 1939490000 | WPDB 3x70/16 1/6          | D.125 |
| 1939500000 | WPDB 70/16 1/6            | D.126 |
| 1939510000 | WPDB 35/16/6/N 1/2/5/11   | D.126 |

## 1940000000

|            |                  |       |
|------------|------------------|-------|
| 1946210000 | ZDU 2.5-2/3AN SW | C.152 |
| 1946220000 | ZDU 2.5-2/3AN RT | C.152 |
| 1946230000 | ZDU 2.5-2/3AN WS | C.152 |

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| 1946240000 | ZDU 2.5-2/3AN GE          | C.152 |
| 1948000000 | BLZP 5.08/02/90 SN OR BX  | D.112 |
| 1948020000 | BLZP 5.08/04/90 SN OR BX  | D.112 |
| 1948060000 | BLZP 5.08/08/90 SN OR BX  | D.112 |
| 1948110000 | BLZP 5.08/12/90 SN OR BX  | D.112 |
| 1948150000 | BLZP 5.08/16/90 SN OR BX  | D.112 |
| 1948240000 | BLZP 5.08/02/90 SN BK BX  | D.112 |
| 1948260000 | BLZP 5.08/04/90 SN BK BX  | D.112 |
| 1948300000 | BLZP 5.08/08/90 SN BK BX  | D.112 |
| 1948340000 | BLZP 5.08/12/90 SN BK BX  | D.112 |
| 1948380000 | BLZP 5.08/16/90 SN BK BX  | D.112 |
| 1949800000 | BLZP 5.08/02/90F SN OR BX | D.112 |
| 1949820000 | BLZP 5.08/04/90F SN OR BX | D.112 |
| 1949860000 | BLZP 5.08/08/90F SN OR BX | D.112 |
| 1949900000 | BLZP 5.08/12/90F SN OR BX | D.112 |
| 1949940000 | BLZP 5.08/16/90F SN OR BX | D.112 |

## 1950000000

|            |                           |       |
|------------|---------------------------|-------|
| 1950040000 | BLZP 5.08/02/90F SN BK BX | D.112 |
| 1950060000 | BLZP 5.08/04/90F SN BK BX | D.112 |
| 1950100000 | BLZP 5.08/08/90F SN BK BX | D.112 |
| 1950140000 | BLZP 5.08/12/90F SN BK BX | D.112 |
| 1950180000 | BLZP 5.08/16/90F SN BK BX | D.112 |
| 1951870000 | WS 8/5 PLUS MC NEUTRAL    | F.28  |
| 1951880000 | WS 8/6 PLUS MC NEUTRAL    | F.28  |
| 1951920000 | DEK 5/30 MC NEUTRAL       | F.33  |
| 1957710000 | WAP WTL6/1 EN             | D.74  |

## 1960000000

|            |                   |       |
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| 1964830000 | WZAD 70N          | D.13  |
| 1966020000 | WSI 25/1 10x38    | D.46  |
| 1966030000 | WSI 25/3 CC       | D.46  |
| 1966040000 | WSI 25/2 CC       | D.46  |
| 1966050000 | WSI 25/1 CC       | D.46  |
| 1966060000 | WSI 25/1 10x38/LD | D.46  |
| 1966070000 | WSI 25/1 CC/LD    | D.46  |
| 1966080000 | WSI 25/3 10x38    | D.46  |
| 1966090000 | WSI 25/2 10x38    | D.46  |
| 1966380000 | WAP 2.5-10/0.5mm  | D.156 |
| 1967200000 | ZT 2.5/2X2AN      | C.83  |

## 1970000000

|            |                       |      |
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| 1972980000 | ZP 2.5/1AN ZA 0.RA BL | C.98 |
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## 2010000000

|            |                      |      |
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| 2012420000 | STB 14/D6/4/M3 SAK10 | D.74 |
|------------|----------------------|------|

## 2260000000

|            |               |      |
|------------|---------------|------|
| 2269800000 | KLBU4-4-6 Z/1 | E.14 |
|------------|---------------|------|

## 2310000000

|            |           |      |
|------------|-----------|------|
| 2318670000 | ZE ZRV2.5 | C.95 |
|------------|-----------|------|

## 2320000000

|            |                |      |
|------------|----------------|------|
| 2321640000 | STGH ZPC2.5 DB | C.84 |
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## 3890000000

|            |               |      |
|------------|---------------|------|
| 3896100000 | SP M6 15 MSZN | E.10 |
| 3896200000 | SP M6 20 MSZN | E.10 |
| 3896300000 | SP M6 30 MSZN | E.10 |

## 4060000000

|            |               |      |
|------------|---------------|------|
| 4062150000 | PJ-Clean Unit | F.36 |
|------------|---------------|------|

## 7900000000

|            |                 |       |
|------------|-----------------|-------|
| 7904100000 | ZAP/TW 4/3AN    | C.131 |
| 7904110000 | ZAP/TW 4/3AN BL | C.8   |
| 7904120000 | ZAP/TW 4/3AN OR | C.131 |
| 7904170000 | ZPE 4/3AN       | C.39  |
| 7904180000 | ZDU 4/3AN       | C.8   |
| 7904190000 | ZDU 4/3AN BL    | C.8   |
| 7904210000 | ZAP/TW4/4AN     | C.131 |
| 7904220000 | ZAP/TW4/4AN BL  | C.9   |
| 7904230000 | ZAP/TW4/4AN OR  | C.131 |
| 7904280000 | ZPE 4/4AN       | C.39  |
| 7904290000 | ZDU 4/4AN       | C.9   |
| 7904300000 | ZDU 4/4AN BL    | C.9   |
| 7906040000 | BK 2/E          | D.138 |
| 7906060000 | BK 3/E          | D.138 |
| 7906080000 | BK 4/E          | D.138 |
| 7906090000 | BK 6/E          | D.138 |
| 7906100000 | BK 12/E         | D.138 |
| 7906110000 | MK 3/2/E        | D.138 |
| 7906120000 | MK 3/3/E        | D.138 |
| 7906130000 | MK 3/4/E        | D.138 |
| 7906150000 | MK 3/6/E        | D.138 |
| 7906170000 | MK 3/8/E        | D.138 |
| 7906210000 | MK 3/12/E       | D.138 |
| 7906220000 | MK 6/2/E        | D.139 |

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| 7906230000 | MK 6/3/E       | D.139 |
| 7906240000 | MK 6/4/E       | D.139 |
| 7906250000 | MK 6/5/E       | D.139 |
| 7906260000 | MK 6/6/E       | D.139 |
| 7907370000 | ZAP/TW6/3AN    | C.131 |
| 7907380000 | ZAP/TW6/3AN BL | C.9   |
| 7907390000 | ZAP/TW6/3AN OR | C.131 |
| 7907400000 | ZPE 6/3AN      | C.40  |
| 7907410000 | ZDU 6/3AN      | C.9   |
| 7907420000 | ZDU 6/3AN BL   | C.9   |

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## 8810000000

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| 8817920000 | ZTR 6-2 E / 24V DC  | C.71 |
| 8817930000 | ZTR 6-2 E / 230V UC | C.71 |

## 8870000000

|            |           |      |
|------------|-----------|------|
| 8870840000 | SRC1 QV P | B.38 |
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## 9000000000

|            |                     |       |
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| 9002170000 | KT ZQV              | F.44  |
| 9002650000 | KT 8                | F.42  |
| 9002660000 | KT 12               | F.42  |
| 9004050000 | H0,5/10             | F.77  |
| 9004060000 | H1,5/12             | F.77  |
| 9004070000 | H1,5/18             | F.77  |
| 9004080000 | H2,5/10             | F.77  |
| 9004090000 | H2,5/18             | F.77  |
| 9004100000 | H4,0/15             | F.77  |
| 9004110000 | H4,0/18             | F.77  |
| 9004120000 | H6,0/10             | F.77  |
| 9004130000 | H6,0/18             | F.77  |
| 9004140000 | H1,5/24D SW SV      | F.70  |
| 9004150000 | H16,0/25            | F.77  |
| 9004160000 | H16,0/32            | F.77  |
| 9004170000 | H25,0/25            | F.77  |
| 9004180000 | H25,0/32            | F.77  |
| 9004190000 | H35,0/25            | F.77  |
| 9004200000 | H35,0/32            | F.77  |
| 9004210000 | H50,0/18            | F.77  |
| 9004220000 | H50,0/32            | F.77  |
| 9004230000 | H70,0/25            | F.77  |
| 9004240000 | H70,0/32            | F.77  |
| 9004250000 | H95,0/25            | F.77  |
| 9004260000 | H95,0/32            | F.77  |
| 9004270000 | H0,5/14 OR BD       | F.67  |
| 9004280000 | H0,5/14D W BD       | F.68  |
| 9004290000 | H0,75/14 W BD       | F.67  |
| 9004300000 | H0,75/14D GR BD     | F.68  |
| 9004310000 | H0,75/14T HBL BD    | F.70  |
| 9004320000 | H1,0/14 GE BD       | F.67  |
| 9004330000 | H1,0/14D R BD       | F.68  |
| 9004340000 | H1,5/14 R BD        | F.67  |
| 9004350000 | H1,5/14D SW BD      | F.68  |
| 9004360000 | H2,5/14D BL BD      | F.67  |
| 9004370000 | H2,5/14T GR BD      | F.70  |
| 9004390000 | H0,34/12 TK BD GSP  | F.67  |
| 9004410000 | H1,5/16 ZH R SV     | F.72  |
| 9004420000 | H1,5/16D ZH SW SV   | F.73  |
| 9004430000 | H2,5/19D ZH BL SV   | F.72  |
| 9004440000 | H0,5/14 ZH OR SV    | F.72  |
| 9004500000 | WAW 1 NEUTRAL       | F.43  |
| 9004510000 | WAW 2               | D.172 |
| 9004560000 | H0,5/14S OR         | F.76  |
| 9004590000 | H0,5/14S W          | F.76  |
| 9004710000 | H10,0/26D R ZH SV   | F.73  |
| 9004720000 | H6,0/23D ZH GE SV   | F.73  |
| 9004730000 | H4/22D ZH GR SV     | F.72  |
| 9004740000 | H2,5/21D ZH BL SV   | F.72  |
| 9004750000 | H1,5/20D SW ZH SV   | F.73  |
| 9004760000 | H1,0/19D ZH R SV    | F.73  |
| 9004770000 | H0,75/16D ZH GR SV  | F.73  |
| 9004780000 | H0,5/14D ZH W SV    | F.72  |
| 9004900000 | H0,75/16 ZH W SV    | F.72  |
| 9004910000 | H1,0/19 ZH GE SV    | F.72  |
| 9004920000 | H1,5/20 ZH R SV     | F.72  |
| 9004930000 | H6,0/23 ZH SW SV    | F.72  |
| 9004940000 | H10,0/24 ZH EB SV   | F.72  |
| 9005000000 | STRIPAX             | F.48  |
| 9005140000 | H0,75/16T ZH HBL SV | F.74  |
| 9005150000 | H2,5/21 ZH GR SV    | F.74  |
| 9005160000 | H6,0/23T ZH GN SV   | F.74  |
| 9005170000 | H10,0/26T ZH BR SV  | F.74  |
| 9005180000 | H0,14/10 GR SV      | F.66  |
| 9005610000 | STRIPAX 16          | F.48  |
| 9005810000 | H0,5/14 OR BD GSP   | F.67  |
| 9005820000 | H0,75/14 W BD GSP   | F.67  |
| 9005830000 | H1,0/14 GE BD GSP   | F.67  |
| 9005840000 | H1,5/14 R BD GSP    | F.67  |
| 9005850000 | H2,5/14D BL BD GSP  | F.67  |
| 9005860000 | H0,5/14D W BD GSP   | F.69  |
| 9005870000 | H0,75/14D GR        | F.69  |
| 9005880000 | H1,0/14D R BD GSP   | F.69  |
| 9005890000 | H1,5/14D SW BD GSP  | F.69  |
| 9005900000 | H0,75/14T BL BD GSP | F.71  |
| 9005910000 | H2,5/14T GR BD GSP  | F.71  |
| 9005990000 | PZ 1,5              | F.65  |
| 9006020000 | SWIFTY              | F.54  |
| 9006060000 | SWIFTY SET          | F.54  |
| 9006120000 | CTI 6               | F.65  |
| 9006450000 | PZ 50               | F.53  |
| 9006590000 | H1,5/17,5X SW SV    | F.75  |
| 9006630000 | H1,5/19,5X SW SV    | F.75  |
| 9006670000 | H2,5/17,5X BL SV    | F.75  |
| 9006710000 | H2,5/21,5X BL SV    | F.75  |
| 9006750000 | H4,0/19,5X GR SV    | F.75  |
| 9006790000 | H6,0/23,0X GE SV    | F.75  |
| 9006830000 | H10,0/24,0X R SV    | F.75  |

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|------------|----------------------|------|
| 9006870000 | H16,0/25,5X BL SV    | F.75 |
| 9007440000 | DMS 3                | F.64 |
| 9007450000 | AKKU DMS 3           | F.64 |
| 9007460000 | LADEGERAET DMS 3     | F.64 |
| 9007470000 | DMS 3 SET 1          | F.64 |
| 9007480000 | DMS 3 SET 2          | F.64 |
| 9008320000 | SD 0,5x3,0x80        | F.57 |
| 9008330000 | SD 0,6x3,0x100       | F.57 |
| 9008340000 | SD 0,8x4,0x100       | F.57 |
| 9008350000 | SD 1,0x5,5x150       | F.57 |
| 9008370000 | SDI 0,4x2,5x75       | B.30 |
| 9008390000 | SDI 0,6x3,5x100      | D.96 |
| 9008400000 | SDI 0,8x4,0x100      | D.76 |
| 9008520000 | SDK PZ0              | F.57 |
| 9008530000 | SDK PZ1              | F.57 |
| 9008540000 | SDK PZ2              | F.57 |
| 9008550000 | SDK PZ3              | F.57 |
| 9008640000 | SDIZ 0,8X5,5 150/248 | D.76 |
| 9008850000 | SK WSD-S 1,5-10,0    | F.58 |
| 9008860000 | SKS 2,0-8,0          | F.58 |
| 9008870000 | SKS 2,0-8,0 MR       | F.58 |
| 9008880000 | TH S 9-40            | F.58 |
| 9009010000 | SD 1,2x6,5x150       | F.57 |
| 9009020000 | SD 0,8x4,5x125       | F.57 |
| 9009030000 | SD 0,4x2,5x75        | F.57 |
| 9009070000 | SK 10,0x125          | F.57 |
| 9009160000 | SD TH20              | F.57 |
| 9009730000 | SDIS 2,5-5,5/PH1/2   | F.55 |

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| 9010110000  | SD 0,6x3,5x200     | F.57 |
| 90111460000 | PZ 6/5             | F.50 |
| 9012500000  | PZ 4               | F.50 |
| 9012600000  | PZ 16              | F.52 |
| 9013600000  | PZ ZH 16           | F.52 |
| 9013650000  | PZ 6 HEX           | F.65 |
| 9014350000  | PZ 6 Roto          | F.51 |
| 9014400000  | HTI 15             | F.65 |
| 9014840000  | HTF ZRV            | C.94 |
| 9018510000  | H0,75/14 ZH W SV   | F.72 |
| 9018520000  | H0,75/14D ZH GR SV | F.73 |
| 9018530000  | H1,0/15 ZH GE SV   | F.72 |
| 9018540000  | H1,0/15D ZH R SV   | F.73 |
| 9018550000  | H0,75/14TS HBL     | F.76 |
| 9018560000  | H1,0/14S R         | F.76 |
| 9018580000  | H2,5/19T ZH GR SV  | F.74 |
| 9018590000  | H4,0/22T ZH OR SV  | F.74 |
| 9018650000  | H1,0/15S ZH GE SV  | F.72 |
| 9018690000  | H1,0/15S ZH GE     | F.72 |
| 9018860000  | H10/24S ZH EB      | F.72 |
| 9018870000  | H10/30S ZH EB      | F.72 |
| 9018880000  | H10,0/24DS ZH R    | F.73 |
| 9018890000  | H10/30DS ZH R      | F.73 |
| 9018910000  | H0,25/5            | F.77 |
| 9019000000  | H0,5/12D W         | F.68 |
| 9019010000  | H0,5/14D W         | F.68 |
| 9019020000  | H0,5/16D W         | F.68 |
| 9019030000  | H0,75/12D GR       | F.68 |
| 9019040000  | H0,75/14D GR       | F.68 |
| 9019050000  | H0,75/16D GR       | F.68 |
| 9019060000  | H0,75/18D GR       | F.68 |
| 9019070000  | H1,0/12D R         | F.68 |
| 9019080000  | H1,0/14D R         | F.68 |
| 9019100000  | H1,0/16D R         | F.68 |
| 9019110000  | H1,0/18D R         | F.68 |
| 9019120000  | H1,5/14D SW        | F.68 |
| 9019130000  | H1,5/16D SW        | F.68 |
| 9019140000  | H1,5/18D SW        | F.68 |
| 9019150000  | H1,5/24D SW        | F.68 |
| 9019160000  | H2,5/15D BL        | F.66 |
| 9019170000  | H2,5/19D BL        | F.66 |
| 9019180000  | H2,5/25D BL        | F.66 |
| 9019190000  | H4,0/18D GR        | F.66 |
| 9019200000  | H4,0/20D GR        | F.66 |
| 9019210000  | H4,0/26D GR        | F.66 |
| 9019220000  | H6,0/20D GE        | F.68 |
| 9019230000  | H6,0/26D GE        | F.68 |
| 9019240000  | H10,0/22D R        | F.68 |
| 9019250000  | H10,0/28D R        | F.68 |
| 9019260000  | H16,0/22D BL       | F.68 |
| 9019270000  | H16,0/28D BL       | F.68 |
| 9019280000  | H25,0/30D 16 GE    | F.68 |
| 9019300000  | H25,0/36D GE       | F.68 |
| 9019310000  | H35,0/30D 16 R     | F.68 |
| 9019320000  | H35,0/32D R        | F.68 |
| 9019330000  | H35,0/39D R        | F.68 |
| 9019340000  | H50/36D BL         | F.68 |
| 9019350000  | H50,0/41D BL       | F.68 |
| 9019400000  | H0,5/14D W SV      | F.68 |
| 9019410000  | H0,75/14D GR SV    | F.68 |
| 9019420000  | H1,0/14D R SV      | F.68 |
| 9019430000  | H1,5/14D SW SV     | F.68 |

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| 9020000000 | STRIPAX PLUS 2,5 | F.49 |
| 9021010000 | H0,25/10T GE     | F.70 |
| 9021020000 | H0,25/12T GE     | F.70 |

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|------------|---------------------|------|
| 9021030000 | H0,75/12T HBL       | F.70 |
| 9021040000 | H0,75/14 HBL        | F.70 |
| 9021050000 | H0,75/16T HBL       | F.70 |
| 9021060000 | H0,75/18T HBL       | F.70 |
| 9021070000 | H2,5/16T GR         | F.70 |
| 9021080000 | H2,5/19T GR         | F.70 |
| 9021090000 | H2,5/25T GR         | F.70 |
| 9021100000 | H4,0/18T OR         | F.70 |
| 9021110000 | H4,0/20T OR         | F.70 |
| 9021120000 | H4,0/26T OR         | F.70 |
| 9021130000 | H6,0,0/20T GN       | F.70 |
| 9021140000 | H6/26T GN           | F.70 |
| 9021150000 | H10,0/22T BR        | F.70 |
| 9021160000 | H10,0/28T BR        | F.70 |
| 9021170000 | H16,0/22T W         | F.70 |
| 9021180000 | H16,0/28T W         | F.70 |
| 9021190000 | H25,0/30T SW        | F.70 |
| 9021200000 | H25,0/36T SW        | F.70 |
| 9021210000 | H0,25/10T GE SV     | F.70 |
| 9021220000 | H0,25/12T GE SV     | F.70 |
| 9021230000 | H0,75/14T HBL SV    | F.70 |
| 9021240000 | H2,5/15T GR SV      | F.70 |
| 9021250000 | H4,0/18T OR SV      | F.70 |
| 9025240000 | H1,5/14S SW         | F.76 |
| 9025690000 | H1,5/12S R          | F.76 |
| 9025700000 | H0,75/14S W SV      | F.76 |
| 9025710000 | H1,0/14S GE SV      | F.76 |
| 9025720000 | H1,5/14S R SV       | F.76 |
| 9025740000 | H0,25/10 HBL        | F.66 |
| 9025750000 | H0,34/10 TK         | F.66 |
| 9025760000 | H0,25/12 HBL        | F.66 |
| 9025770000 | H0,34/12 TK         | F.66 |
| 9025780000 | H0,25/12 HBL SV     | F.66 |
| 9025790000 | H0,34/12 TK SV      | F.66 |
| 9025850000 | CRIMP-SET PZ 16     | B.53 |
| 9025860000 | H0,75/16 W          | F.66 |
| 9025870000 | H1,5/16 OR          | F.66 |
| 9025880000 | H50,0/22            | F.77 |
| 9025910000 | H0,75/18 W          | F.66 |
| 9025930000 | H1,0/18 GE          | F.66 |
| 9025950000 | H1,0/16 GE          | F.66 |
| 9025960000 | H0,75/14S W         | F.76 |
| 9025970000 | H1,0/14S GE         | F.76 |
| 9025980000 | H1,5/14S R          | F.76 |
| 9026010000 | H4,0/18 GR SV       | F.66 |
| 9026030000 | H0,34/10 TK SV      | F.66 |
| 9026050000 | H0,25/10 HBL SV     | F.66 |
| 9026060000 | H0,5/14 OR SV       | F.66 |
| 9026070000 | H0,75/14 W SV       | F.66 |
| 9026080000 | H1,0/14 GE SV       | F.66 |
| 9026090000 | H1,5/14 R SV        | F.66 |
| 9026100000 | H2,5/15 BL SV       | F.66 |
| 9028200000 | H70,0/37 GE         | F.66 |
| 9028210000 | H95,0/44 R          | F.66 |
| 9028220000 | H120,0/50 BL        | F.66 |
| 9028230000 | H150,0/54 GE        | F.66 |
| 9028240000 | H0,14/12 GR SV      | F.66 |
| 9028250000 | H0,14/10T BR SV     | F.70 |
| 9028260000 | H0,5/12 OR SV       | F.66 |
| 9028270000 | H0,5/16 OR SV       | F.66 |
| 9028280000 | H0,75/12 W SV       | F.66 |
| 9028290000 | H0,75/16 W SV       | F.66 |
| 9028300000 | H0,75/18 W SV       | F.66 |
| 9028310000 | H1,0/12 GE SV       | F.66 |
| 9028320000 | H1,0/16 GE SV       | F.66 |
| 9028330000 | H1,0/18 GE SV       | F.66 |
| 9028350000 | H1,5/16 R SV        | F.66 |
| 9028360000 | H1,5/14DS SW SV     | F.76 |
| 9028490000 | H2,5/12DS BL        | F.76 |
| 9028580000 | H0,75/14DS HBL      | F.76 |
| 9028680000 | CRIMP-SET PZ 6 ROTO | B.53 |

## 9030000000

|            |                     |      |
|------------|---------------------|------|
| 9036200000 | H2,5/12TS GR        | F.76 |
| 9036220000 | H2,5/16DS BL        | F.76 |
| 9036240000 | H120,0/32           | F.77 |
| 9036250000 | H150,0/32           | F.77 |
| 9036260000 | H185,0/32           | F.77 |
| 9036290000 | HOOKBLA 0,25-1,5 SW | F.78 |
| 9036300000 | HOOKBLA 1,0-2,5 SW  | F.78 |
| 9037160000 | SD 0,4x2,0x60       | F.57 |
| 9037200000 | H0,5/14 ZH OR       | F.72 |
| 9037210000 | H0,5/16 ZH OR       | F.72 |
| 9037220000 | H0,5/18 ZH OR       | F.72 |
| 9037230000 | H0,75/14 ZH W       | F.72 |
| 9037240000 | H0,75/16 ZH W       | F.72 |
| 9037250000 | H0,75/24 ZH W       | F.72 |
| 9037260000 | H1,0/15 ZH GE       | F.72 |
| 9037270000 | H1,0/19 ZH GE       | F.72 |
| 9037280000 | H1,0/25 ZH GE       | F.72 |
| 9037290000 | H1,5/16 ZH R        | F.72 |
| 9037300000 | H1,5/20 ZH R        | F.72 |
| 9037310000 | H1,5/26 ZH R        | F.72 |
| 9037320000 | H6,0/23 ZH SW       | F.72 |
| 9037330000 | H6,0/29 ZH SW       | F.72 |
| 9037340000 | H10,0/24 ZH EB      | F.72 |
| 9037350000 | H10,0/30 ZH EB      | F.72 |
| 9037360000 | H16,0/29 ZH GN      | F.72 |

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| 9200670000 | LID 1,5M4 R       | F.80 |
| 9200680000 | LID 2,5M5 R       | F.80 |
| 9200690000 | LID 6M5 R         | F.80 |
| 9200700000 | LID 1,5F4 RF      | F.80 |
| 9200710000 | LID 2,5F5 RF      | F.80 |
| 9200720000 | LID 6,0F5 RF      | F.80 |
| 9201040000 | HTF AFK 2.5       | C.95 |
| 9201610000 | WQV PEN 50N       | D.30 |
| 9201630000 | WQV PEN 95N/120N  | D.31 |
| 9202040000 | KT 45 R           | F.46 |
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| 9202510000 | WK 1/4" C6,3 E6,3 | F.61 |
| 9202820000 | H0,75/19S ZH W    | F.72 |
| 9202830000 | H0,75/19DS ZH GR  | F.73 |
| 9202840000 | H0,75/19TS ZH HBL | F.74 |
| 9202850000 | CTI 6 G           | F.65 |
| 9202870000 | H1,5/24 XS SW     | F.75 |
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| 9202900000 | H 0,5/16 S OR     | F.76 |
| 9202910000 | H0,5/16 DS W      | F.76 |
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| 9204190000 | AM 16             | F.47 |
| 9204240000 | H0,75/15S HBL     | F.76 |
| 9204250000 | ERME AMF 6/10     | F.47 |
| 9204260000 | ERME AM 16        | F.47 |
| 9204270000 | ERME KT 45 R      | F.46 |
| 9204280000 | ERME KT 55        | F.46 |
| 9205550000 | SDIS 2.0-5.5      | F.55 |

## 9420000000

|            |              |      |
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| 9426770000 | H2,5/14TS GR | F.76 |
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## 9450000000

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| 9451000000 | H35,0/30S | F.77 |
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## 9510000000

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| 9512190000 | WDU 70N/35    | D.13  |
| 9512200000 | WPE 70N/35    | D.30  |
| 9512210000 | WNT 70N/35    | D.84  |
| 9512240000 | WQV 70N/2     | D.13  |
| 9512250000 | WQV 70N/3     | D.13  |
| 9512260000 | WAD 20 GE WSD | D.176 |
| 9512420000 | WDU 70N/35 BL | D.13  |

## 9520000000

|            |             |      |
|------------|-------------|------|
| 9525840000 | WQV 70N-PEN | D.30 |
| 9528070000 | WDTR 2.5    | D.59 |
| 9528080000 | WDTR 2.5 BL | D.59 |
| 9528090000 | WDTR 2.5/WE | D.59 |

## 9530000000

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|------------|-------------------|-------|
| 9531290000 | WQV 70N/4         | D.13  |
| 9532440000 | KDKS 1/35 DB      | D.34  |
| 9532470000 | AP KDKS1 DB       | D.34  |
| 9537400000 | WDU 10 SL SW      | D.87  |
| 9537410000 | WDU 10 SL/EN SW   | D.89  |
| 9537430000 | WDU 6 SL/EN SW    | D.88  |
| 9537440000 | WDU 4 SL          | D.86  |
| 9537450000 | WDU 4 SL/EN       | D.88  |
| 9537460000 | WDU 6 SL          | D.86  |
| 9537470000 | WDU 6 SL/EN       | D.88  |
| 9537480000 | WDU 10 SL         | D.87  |
| 9537490000 | WDU 10 SL/EN      | D.89  |
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| 9537550000 | SIHA 1/G20        | D.177 |
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| 9537910000 | AP AKZ4 DB        | D.158 |
| 9538080000 | WTL 6 SL/EN       | D.69  |
| 9538090000 | WTD 6 SL          | D.91  |
| 9538100000 | WTD 6 SL/EN       | D.69  |
| 9538110000 | WAP WTL6 SL       | D.158 |

## 9540000000

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| 9540000000 | ZEW 35 | F.12 |
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## 9910000000

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| 9918130000 | CROSS-KEY UNIVERSAL   | F.63 |
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| 9918150000 | CROSS-KEY MASTER      | F.63 |
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| 9918410000 | WK SI 0,4x2,5         | F.62 |
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| 9918430000 | WK SI 0,6x3,5         | F.62 |
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| 9918490000 | WK IK PZ0    | F.62 |
| 9918500000 | WK IK PZ1    | F.62 |
| 9918510000 | WK IK PZ2    | F.62 |
| 9918520000 | WK S 0,4x2,5 | F.61 |
| 9918530000 | WK S 0,5x3,0 | F.61 |
| 9918540000 | WK S 0,6x3,5 | F.61 |
| 9918550000 | WK S 0,8x4,0 | F.61 |
| 9918560000 | WK S 1,0x5,5 | F.61 |
| 9918570000 | WK K PH0     | F.61 |
| 9918580000 | WK K PH1     | F.61 |
| 9918590000 | WK K PH2     | F.61 |
| 9918600000 | WK K PZ0     | F.61 |
| 9918610000 | WK K PZ1     | F.61 |
| 9918620000 | WK K PZ2     | F.61 |
| 9918700000 | TSLD 5       | F.45 |





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