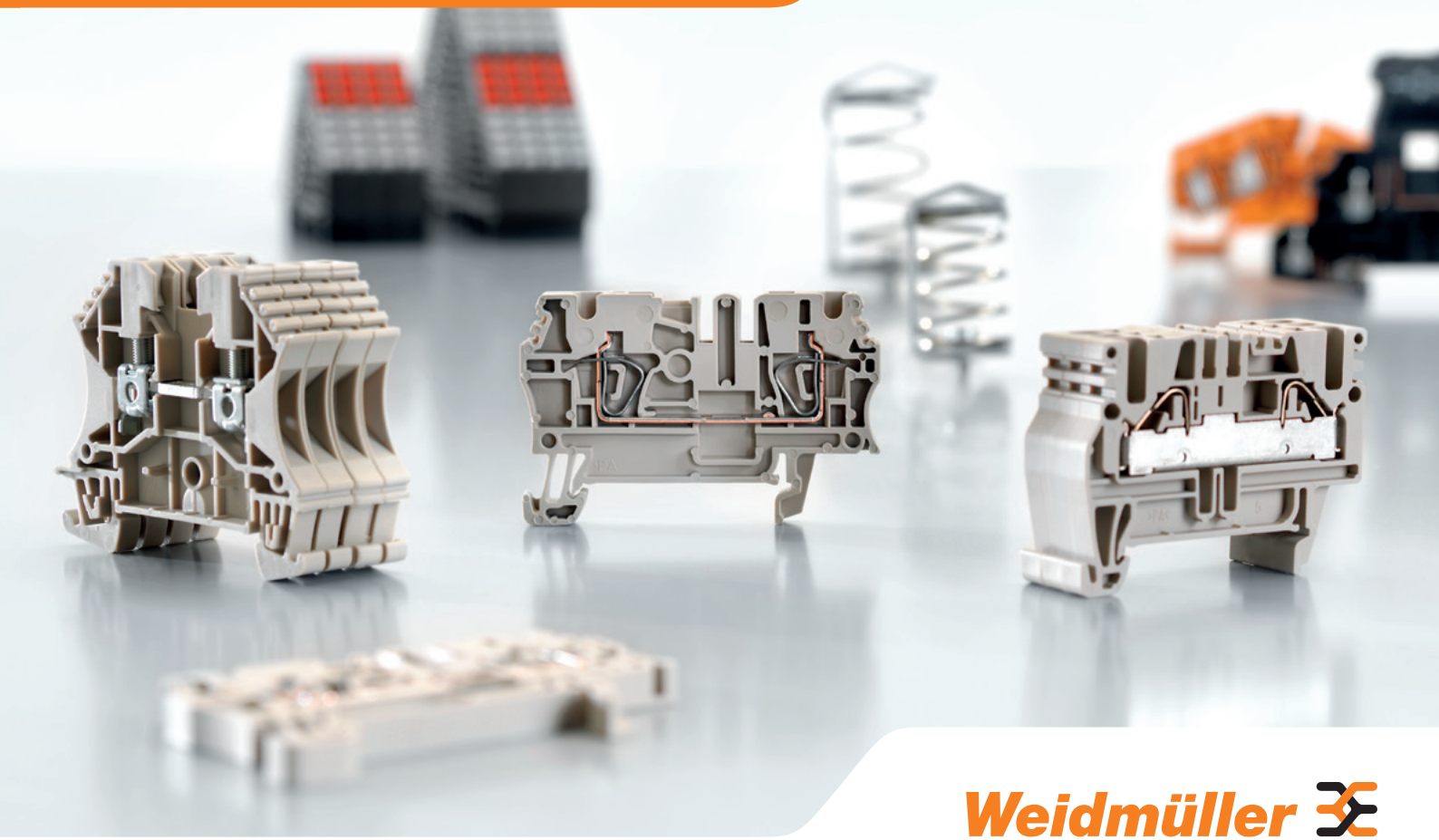
# Modular Terminal Blocks
## Catalogue 2012/2013

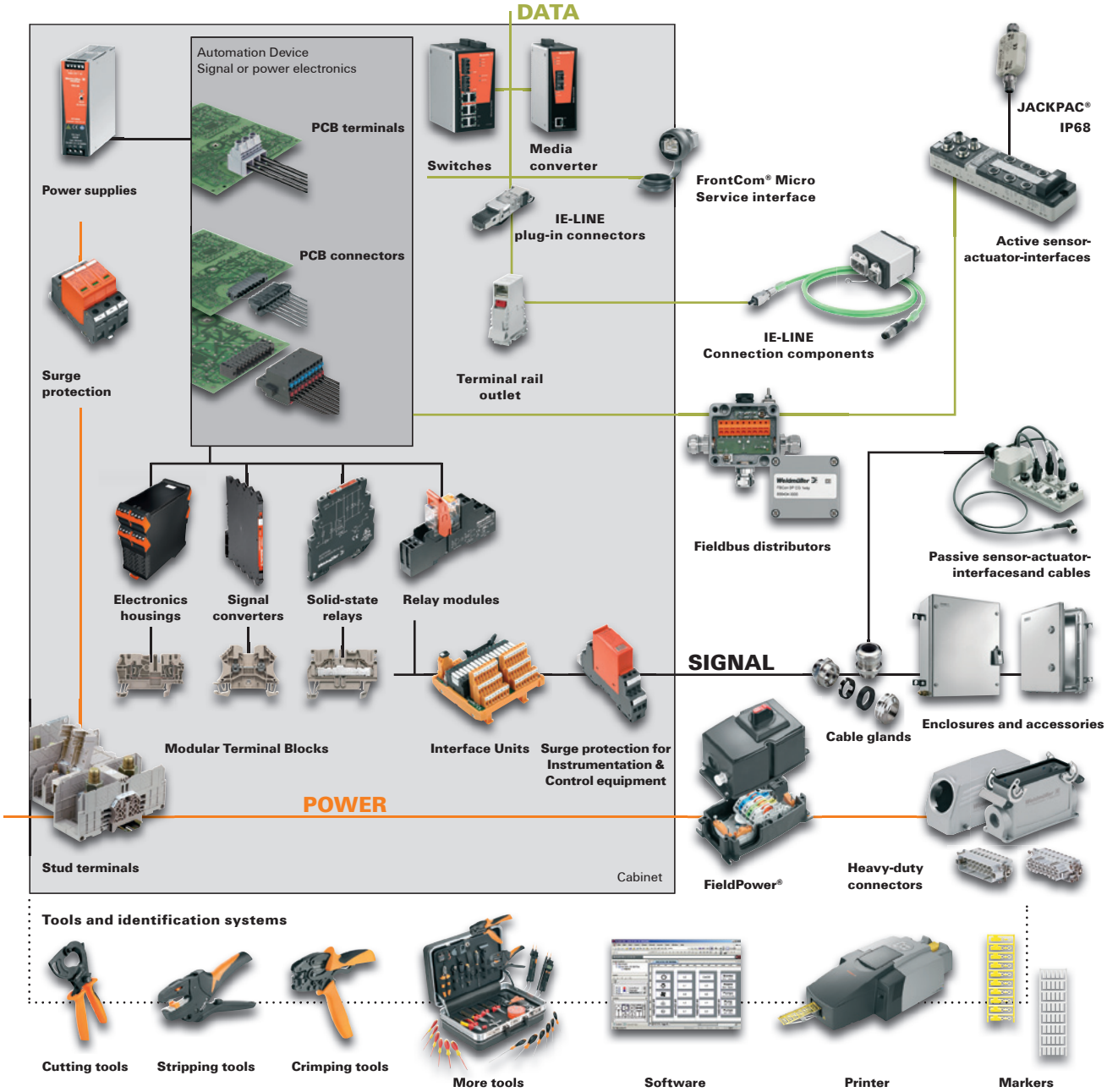
Connectivity



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**



# 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

**Appendix**

**Weidmüller Solutions & Service**

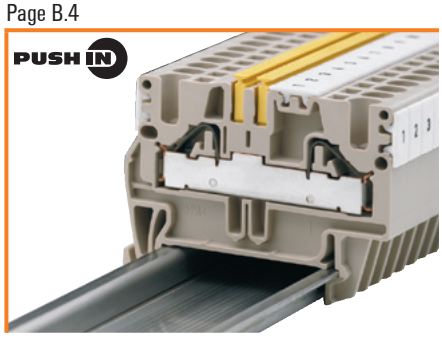
**Technical appendix**

**Index**

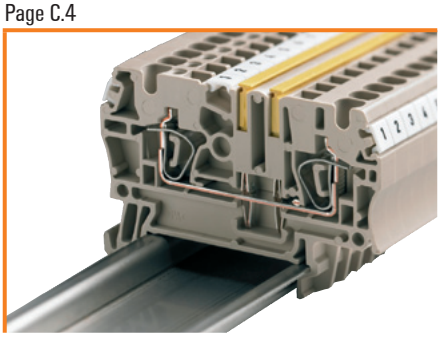
Search according to Type or order number
Addresses worldwide

# Modular Terminal Blocks

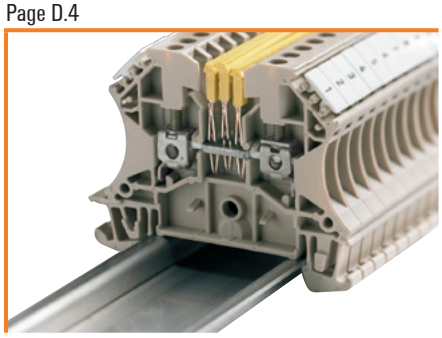
**P-Series**
Page B.4



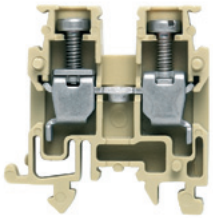

**Z-Series**
Page C.4



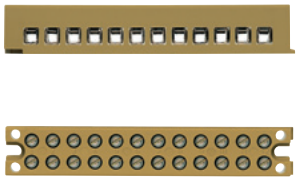
**W-Series**
Page D.4



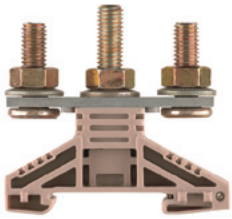
**Modular terminals TS 15**
Page D.130



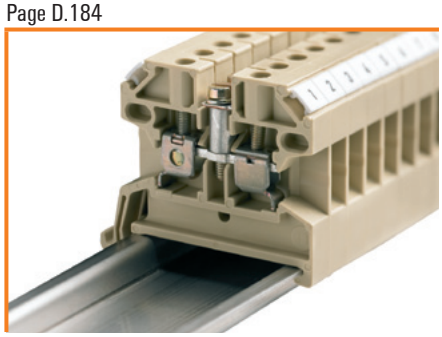
**Multipin terminal strips**
Page D.134



**Stud terminals**
Page D.144

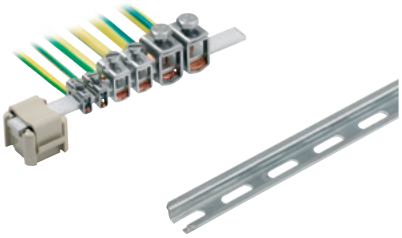


**SAK-Series**
Page D.184



**Shield connection terminals KLBÜ**
Page E.6

**Busbars/Terminal rails**
Page F.2



**Connector markers**
Page F.16

**Tools**
Page F.42

**Wire end ferrules**
Page F.66

**Insulated cable connectors**
Page F.78

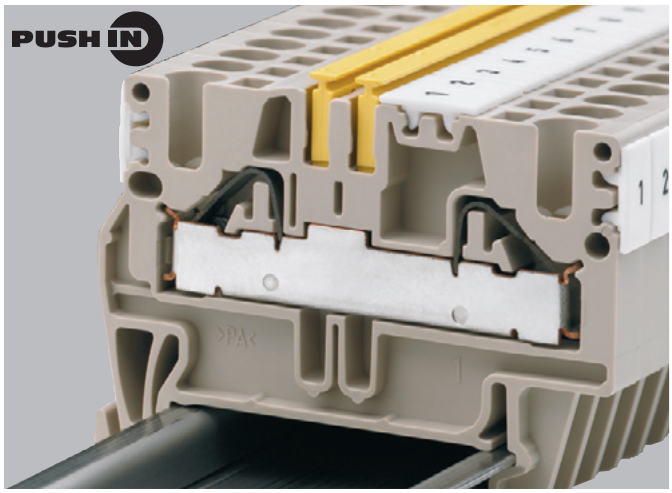
# Modular Terminal Blocks

**Modular Terminal Blocks** Overview A.2

# 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.

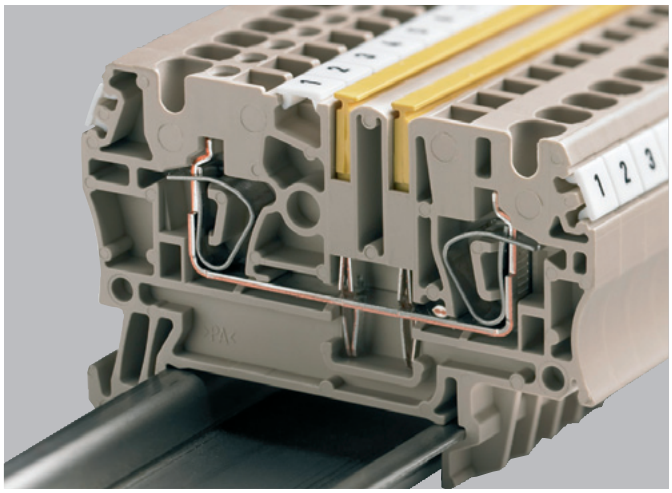
**Effective product range**
Good performance data in a compact connection. The P-Series is ideal for reducing the number of variations.

**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 mm².

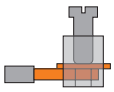


**Comprehensive product range**
Available in Standard and Roof-Style versions for connecting cross-sections from 0.05 to 35 mm².

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

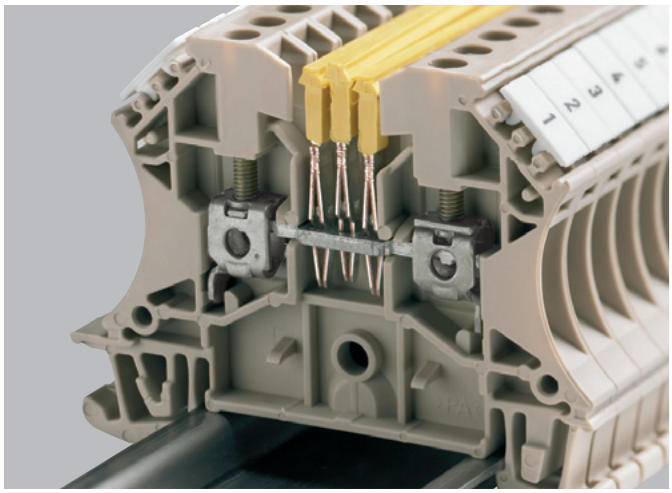
**Diverse cross-connection options**
The ZQV plug-in standard cross-connection enables many different options. For feeding, distributing and skipping potentials.

**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 mm². 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


| | | |
|---|---|---|
| **Terminals, P-Series** | Overview P-Series | B.2 |
| | Feed-through terminals | B.4 |
| | Double-level terminals | B.8 |
| | Initiator and motor connection terminals | B.10 |
| | PE terminals | B.11 |
| | Fuse terminals | B.16 |
| | Test-disconnect terminals | B.18 |
| | Actuator and installation terminals – overview | B.24 |
| | Actuator and installation terminals | B.26 |
| | Marshalling- and potential distribution terminal blocks – overview | B.36 |
| | Marshalling- and potential distribution terminal blocks | B.38 |
| | Accessories P-Series | B.44 |

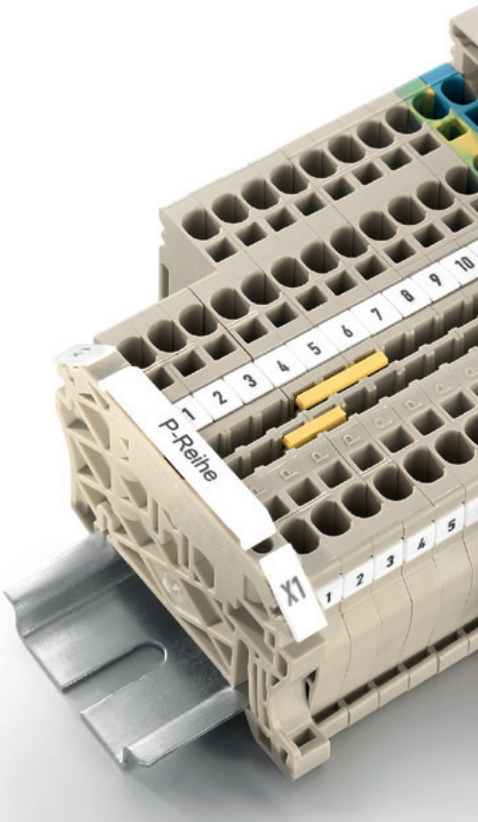
# Terminal blocks with PUSH IN wire connection

PUSH IN

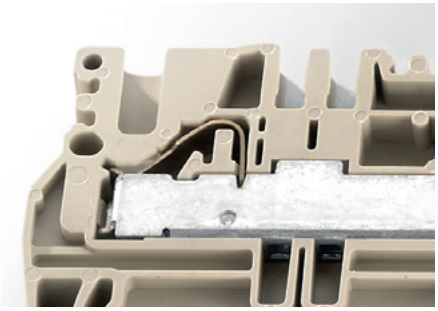
## Wiring is quick and safe

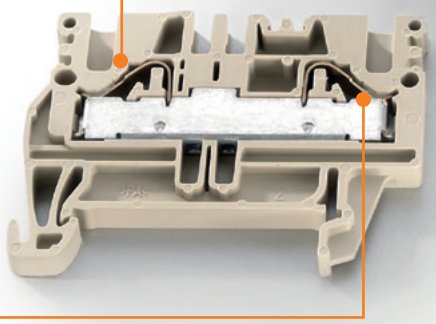
Increase your efficiency. The PUSH IN connection method and the associated reduction in the number of versions will help you.

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.

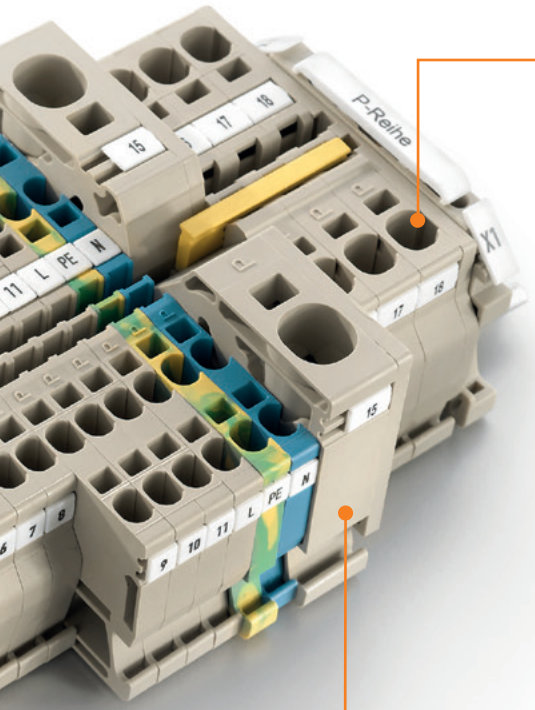



**Quick and safe**
Wiring time is significantly reduced with the direct insertion technique for solid-core and flexible stranded wires with ferrules thanks to the PUSH IN connection method – considerably quicker to connect and no need for additional tools.



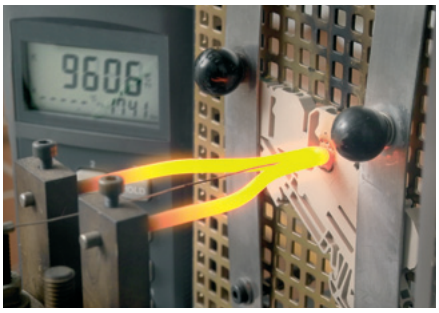


**Contact security**
The long-term contact force between wire and busbar is ensured with a stainless steel spring. The busbar is made of copper with a tin alloy, this ensures a very low voltage drop.




**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



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

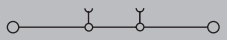
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## PDU 2.5/4 — 4 mm²

**2 connections**

PUSH IN

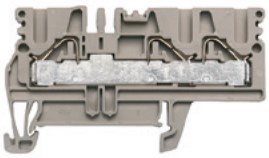
5.1 x 53 x 39
**/ 6**
**0.13...6**



## PDU 2.5/4 3AN — 4 mm²

**3 connections**

PUSH IN



5.1 x 67.5 x 39
**/ 6**
**0.13...6**

## Technical data

| Rated data | | PDU 2.5/4 | | | | PDU 2.5/4 3AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 32 | 30 (C) | 30 (C) | 29 | 32 | 30 (C) | 30 (C) | 29 |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A3 / V-0 | | | |
| Approvals | | | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 | | | | 0.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 0.5...4 / 0.5...4 | | | |
| Twin wire-end ferrule | mm² | 0.5...2.5 | | | | 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | | | 12 / 3.0 x 0.5 mm | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | PDU 2.5/4 | | | PDU 2.5/4 3AN | | |
|---|---|---|---|---|---|---|
| | Type | Qty. | Order No. | Type | Qty. | Order No. |
| Dark beige Wemid | PDU 2.5/4 | 100 | 1896110000 | PDU 2.5/4/3AN | 100 | 1896120000 |
| Blue Wemid | PDU 2.5/4 BL | 50 | 1896230000 | PDU 2.5/4/3AN BL | 50 | 1896240000 |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

## Accessories

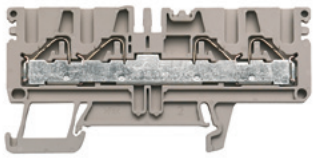
| Pluggable cross-connection | PDU 2.5/4 | | | | PDU 2.5/4 3AN | | | |
|---|---|---|---|---|---|---|---|---|
| | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | PAP 2.5/4 | 2.5 mm | 50 | 1896300000 | PAP 2.5/4/4AN | 2.5 mm | 50 | 1896320000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | PTA PDU2.5/4 | 5.1 mm | 25 | 1916180000 | PTA PDU2.5/4 | 5.1 mm | 25 | 1916180000 |
| With assembly peg | PTA ZA PDU2.5/4 | 5.1 mm | 25 | 1916190000 | PTA ZA PDU2.5/4 | 5.1 mm | 25 | 1916190000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | PRH 2.5/4/1 | 6.16 mm | 100 | 1916410000 | PRH 2.5/4/1 | 6.16 mm | 100 | 1916410000 |
| For conductors < 1.0 mm² / AWG 18 | PRH 2.5/4/2 | 6.16 mm | 100 | 1916400000 | PRH 2.5/4/2 | 6.16 mm | 100 | 1916400000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | PAD 2.5/4/4 | 5.1 mm | 80 | 1916150000 | PAD 2.5/4/4 | 5.1 mm | 80 | 1916150000 |

| Identification systems | (see assortment in catalogue 7) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | | | | DEK 5/5 / WS 10/5 | | | |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | | | | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | | | |

## PDU 2.5/4 4AN — 4 mm²

**4 connections**

PUSH IN



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 |

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

For 4 mm² 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 |

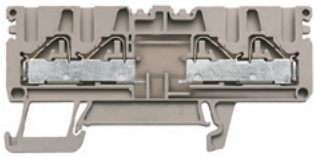
DEK 5/5 / WS 10/5

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

## PDU 2.5/4 2x2 — 4 mm²

**2 x 2 connections**

PUSH IN



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 |

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | **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 |

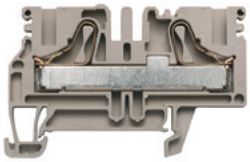
DEK 5/5 / WS 10/5

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

## PDU 6/10 — 10 mm²

**2 connections**

PUSH IN



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 6/10 | 50 | 1896140000 |
| PDU 6/10 BL | 25 | 1896270000 |

For 10 mm² 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 | 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 |

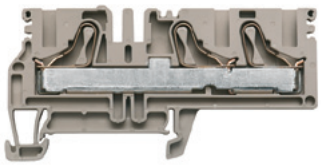
WS 10/8

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

## PDU 6/10 3AN — 10 mm²

3 connections

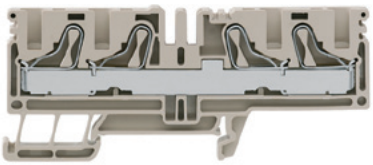
PUSH IN



## PDU 6/10 4AN — 10 mm²

NEW

PUSH IN



| | | PDU 6/10 3AN | PDU 6/10 4AN |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 8.1 x 82.5 x 41.5 | 8.1 x 97 x 41.5 |
| max. current / max. cond. cross-section | A/mm² | 57 / 10 | 57 / 10 |
| Max. clamping range | mm² | 1.5...10 | 1.5...10 |

## Technical data

IEC 60947-7-1 — Ex e II — II 2 G D

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 57 | 44 (C) | 46 (C) | 37 |
| Rated cross-section | mm² | 10 | AWG 14...8 | AWG 14...8 | 10 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | |
| Approvals | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 1.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 1.5...10 / 1.5...10 | | | |
| Twin wire-end ferrule | mm² | | | | |
| Stripping length / Blade size | mm/- | 14 / 0.6 x 3.5 mm | | | |
| **Note** | | | | | |

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 800 | 600 (C) | |
| Rated current | A | 57 | 47 (C) | |
| Rated cross-section | mm² | 10 | AWG 14...8 | |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 1.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 1.5...10 / 1.5...10 | | |
| Twin wire-end ferrule | mm² | | | |
| Stripping length / Blade size | mm/- | 14 / 0.6 x 3.5 mm | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDU 6/10/3AN | 50 | 1896150000 |
| Blue Wemid | PDU 6/10/3AN BL | 50 | 1896280000 |
| **Note** | For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000). | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDU 6/10/4AN | 50 | 1083040000 |
| Blue Wemid | PDU 6/10 4AN BL | 25 | 1165130000 |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6N/2 | | 60 | 1906210000 |
| 3-pole | ZQV 6N/3 | | 60 | 1906220000 |
| 4-pole | ZQV 6N/4 | | 60 | 1906230000 |
| 10-pole | | | | |
| 20-/24-pole | ZQV 6N/20 | | 20 | 1906240000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDU6/10/3AN | 2.5 mm | 20 | 1896340000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | |
| Standard | | | | |
| With assembly peg | | | | |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | |
| **Cover** | | | | |
| With lightning flash symbol | PAD 6/10/4 | 5.3 mm | 80 | 1916160000 |

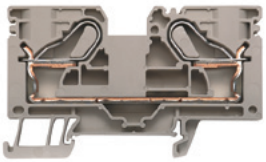
| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6N/2 | | 60 | 1906210000 |
| 3-pole | ZQV 6N/3 | | 60 | 1906220000 |
| 4-pole | ZQV 6N/4 | | 60 | 1906230000 |
| 10-pole | | | | |
| 20-/24-pole | ZQV 6N/20 | | 20 | 1906240000 |
| **End plate / Partition plate** | | | | |
| Dark beige Wemid | | | | |
| **End bracket** | | **Width** | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | |
| Standard | | | | |
| With assembly peg | | | | |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | |
| **Cover** | | | | |
| With lightning flash symbol | PAD 6/10/4 | 5.3 mm | 80 | 1916160000 |

| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | WS 10/8 | WS 10/8 | |
| **Note** | | | |

## PDU 16 — 16 mm²

**2 connections**

PUSH IN



12.1 x 80.5 x 48
**/ 16**
**2.5...16**

Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 800 | 600 (C) | 600 (C) | 550 |
| 76 | 75 (C) | 78 (C) | 59 |
| 16 | AWG 14...4 | AWG 14...4 | 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. |
|---|---|---|
| PDU 16 | 25 | 1896400000 |
| PDU 16 BL | 10 | 1896220000 |

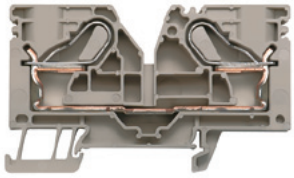
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 16/2 | 76 A | 25 | 1739690000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| PAP 16 | 2.7 mm | 10 | 1896290000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| | | | |
| | | | |
| | | | |
| SDIS SL 1.0X4.5X125 | | 1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

| |
|---|
| |
| WS 12/8 |
| |

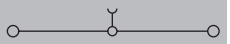
## PEI 16 — 16 mm²

**Supply terminal**

PUSH IN



15 x 80.5 x 48
**/ 16**
**2.5...16**



Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 800 | 600 (C) | 600 (C) | 550 |
| 76 | 75 (C) | 78 (C) | 66 |
| 16 | AWG 14...4 | AWG 14...4 | 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. |
|---|---|---|
| PEI 16 | 25 | 1918780000 |
| PEI 16 BL | 25 | 1918790000 |
| Terminal contains end plate. No separate end plate is necessary. | | |

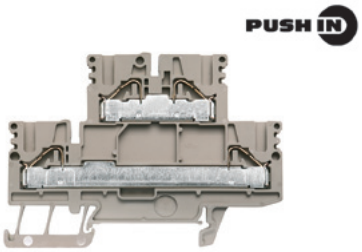
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 6N/3 | | 60 | 1906220000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| | | | |
| | | | |
| | | | |
| SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |
| | | | |
| | | | |
| | | | |
| | | | |
| PAD 16/4 | 7.3 mm | 80 | 1916170000 |
| | | | |
| | | | |

| |
|---|
| |
| WS 12/8 |
| |

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

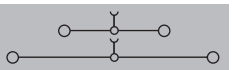
## PDK 2.5/4 — 2.5 mm²

**Double-level terminal**



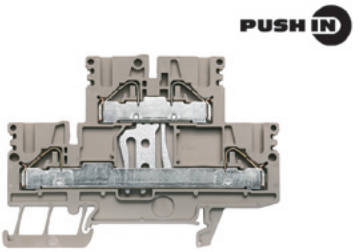
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

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

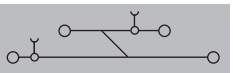


## PDK 2.5/4 V — 2.5 mm²

**Vertical cross-connected double-level terminal**



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



## Technical data

| | | PDK 2.5/4 | | | PDK 2.5/4 V | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| **Rated data** | | **IEC** | **UL** | **CSA** | **IEC** | **UL** | **CSA** |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 800 | 600 (C) | 600 (C) |
| Rated current | A | 24 | 30 (C) | 30 (C) | 24 | 30 (C) | 30 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...10 | AWG 26...10 | 2.5 | AWG 26...10 | AWG 26...10 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...6 | | | 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | 0.5...4 / 0.5...4 | | |
| Twin wire-end ferrule | mm² | 0.5...2.5 | | | 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | | 12 / 3.0 x 0.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | PDK 2.5/4 | | | PDK 2.5/4 V | | |
|---|---|---|---|---|---|---|
| | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| Dark beige Wemid | PDK 2.5/4 | 50 | **1918770000** | PDK 2.5/4V | 50 | **1918730000** |
| Blue Wemid | PDK 2.5/4 BL | 50 | **1918760000** | PDK 2.5/4V BL | 50 | **1918680000** |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

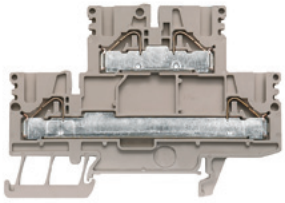
## Accessories

| Pluggable cross-connection | PDK 2.5/4 | | | | PDK 2.5/4 V | | | |
|---|---|---|---|---|---|---|---|---|
| | **Type** | **current** | **Qty.** | **Order No.** | **Type** | **current** | **Qty.** | **Order No.** |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | **1608860000** | ZQV 2.5/2 | 24 A | 60 | **1608860000** |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | **1608870000** | ZQV 2.5/3 | 24 A | 60 | **1608870000** |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | **1608880000** | ZQV 2.5/4 | 24 A | 60 | **1608880000** |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | **1608940000** | ZQV 2.5/10 | 24 A | 20 | **1608940000** |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | **1908960000** | ZQV 2.5/20 | 24 A | 20 | **1908960000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | PAP PDK 2.5/4 | 2.5 mm | 20 | **1919720000** | PAP PDK 2.5/4 | 2.5 mm | 20 | **1919720000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | **9008320000** | SDS 0.5X3.0X80 | | 1 | **9008320000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | PRH 2.5/4/1 | 6.16 mm | 100 | **1916410000** | PRH 2.5/4/1 | 6.16 mm | 100 | **1916410000** |
| For conductors < 1.0 mm² / AWG 18 | PRH 2.5/4/2 | 6.16 mm | 100 | **1916400000** | PRH 2.5/4/2 | 6.16 mm | 100 | **1916400000** |
| **Cover** | | | | | | | | |
| With lightning flash symbol | PAD 2.5/4/4 | 5.1 mm | 80 | **1916150000** | PAD 2.5/4/4 | 5.1 mm | 80 | **1916150000** |

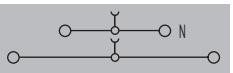
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / SNAPMARK I(1805880000) | DEK 5/5 / SNAPMARK I(1805880000) |
| **Note** | | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PDK 2.5/4 N-L — 2.5 mm²

PUSH IN



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 2.5/4N-L | 50 | 1918740000 |

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

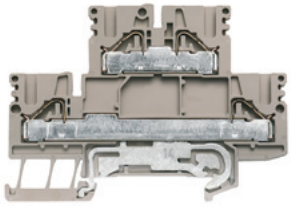
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | **Width** | | |
| PAP PDK 2.5/4 | 2.5 mm | 20 | 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 |

DEK 5/5 / SNAPMARK I(1805880000)

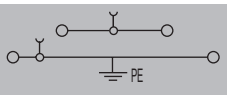
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## PDK 2.5/4 L-PE — 2.5 mm²

PUSH IN



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 2.5/4L-PE | 50 | 1918720000 |

For 4 mm² 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 |

DEK 5/5 / SNAPMARK I(1805880000)

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

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

| | | PMAK 4 | PMAK 4 800 V |
|---|---|---|---|
| | | 4 mm² | 4 mm² |
| | | NEW PUSH IN | NEW PUSH IN |
| Width/Length/Height of lowest version | mm | 5.1 x 103.86 x 79.05 | 6.1 x 107.5 x 82.6 |
| max. current / max. cond. cross-section | A/mm² | / 6 | / 6 |
| Max. clamping range | mm² | 0.5...6 | 0.5...6 |

## Technical data

| Rated data | | PMAK 4 | PMAK 4 800 V |
|---|---|---|---|
| | | IEC 60947-7-1 (-7-2) | IEC 60947-7-1 (-7-2) |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 / 300 (C) | 800 / 600 (C) |
| Rated current | A | 30 / 29 (C) | 32 / 29 (C) |
| Rated cross-section | mm² | 4 / AWG 26...10 | 4 / AWG 26...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / | 8 kV / |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | c UL us | c UL us |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...6 | 0.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 4...0.5 | 0.5...4 / 4...0.5 |
| Twin wire-end ferrule | mm² | | |
| Stripping length / Blade size | mm/- | 12 / 0.4 x 2.5 mm | 12 / 0.4 x 2.5 mm |
| **Note** | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | PMAK 4 | 50 | 1221340000 | PMAK 4 800V | 50 | 1221350000 |
| **Note** | | | | | | | |

## Accessories

| Pluggable cross-connection | | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | | | | |
| | 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | | | | |
| | 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | | | | |
| | 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | | | | |
| **End plate / Partition plate** | | | **Width** | | | | | | |
| | Dark beige Wemid | PAP PMAK 4 | 1 mm | 20 | 1221360000 | | | | |
| **End bracket** | | | | | | | **Width** | | |
| | Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDS 0.4X2.5X75 | | 1 | 9009030000 | SDS 0.4X2.5X75 | | 1 | 9009030000 |

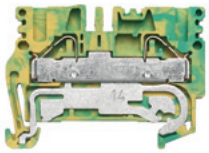
| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| | Marking tags | DEK 5/5 | DEK 5/5 |
| **Note** | | | |

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

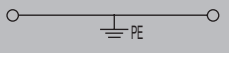
## PPE 2.5/4 — 4 mm²

2 connections

PUSH IN



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 53 x 39 |
| max. current / max. cond. cross-section | A/mm² | / 6 |
| Max. clamping range | mm² | 0.13...6 |




IEC 60947-7-2 — Ex e II — II 2 G D

### Technical data

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated voltage to adjoining terminal | V | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | |
| Rated short-time current | | 480 A (4 mm²) | | | |
| Pollution severity | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | |
| Approvals | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | |
| Twin wire-end ferrule | mm² | 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | | |
| **Note** | | | | | |

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | PPE 2.5/4 | 50 | 1896170000 |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

### Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | PAP 2.5/4 | 2.5 mm | 50 | 1896300000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | PRH 2.5/4/1 | 6.16 mm | 100 | 1916410000 |
| For conductors < 1.0 mm² / AWG 18 | PRH 2.5/4/2 | 6.16 mm | 100 | 1916400000 |
| **Cover** | | | | |
| With lightning flash symbol | PAD 2.5/4/4 | 5.1 mm | 80 | 1916150000 |

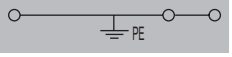
| Identification systems | (see assortment in catalogue 7) |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PPE 2.5/4 3AN — 4 mm²

3 connections

PUSH IN

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 67 x 39 |
| max. current / max. cond. cross-section | A/mm² | / 6 |
| Max. clamping range | mm² | 0.13...6 |




IEC 60947-7-2 — Ex e II — II 2 G D

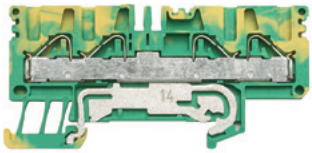
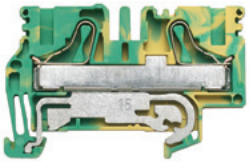
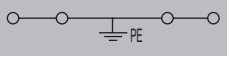
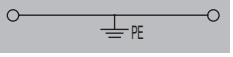
| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated voltage to adjoining terminal | V | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | |
| Rated short-time current | | 480 A (4 mm²) | | | |
| Pollution severity | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | |
| Approvals | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | |
| Twin wire-end ferrule | mm² | 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | | |
| **Note** | | | | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | PPE 2.5/4/3AN | 50 | 1896200000 |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | PAP 2.5/4/3AN | 2.5 mm | 50 | 1896480000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | PRH 2.5/4/1 | 6.16 mm | 100 | 1916410000 |
| For conductors < 1.0 mm² / AWG 18 | PRH 2.5/4/2 | 6.16 mm | 100 | 1916400000 |
| **Cover** | | | | |
| With lightning flash symbol | PAD 2.5/4/4 | 5.1 mm | 80 | 1916150000 |

| Identification systems | (see assortment in catalogue 7) |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

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

| | | PPE 2.5/4 4AN — 4 mm² | PPE 6/10 — 10 mm² |
|---|---|---|---|
| | | 4 connections | 2 connections |
| | | PUSH IN | PUSH IN |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 80 x 39 | 8.1 x 63.5 x 41.5 |
| max. current / max. cond. cross-section | A/mm² | / 6 | / 10 |
| Max. clamping range | mm² | 0.13...6 | 1.5...10 |
| | |  |  |

## Technical data

| Rated data | | PPE 2.5/4 4AN | | | | PPE 6/10 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-2 | | Ex e II | II 2 G D | IEC 60947-7-2 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | 10 | AWG 14...8 | AWG 14...8 | 10 |
| Rated voltage to adjoining terminal | V | 800 | | | | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | | 8 | | | |
| Rated short-time current | | 480 A (4 mm²) | | | | 1200 A (10 mm²) | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A4 / V-0 | | | |
| Approvals | | | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 | | | | 1.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 1.5...10 / 1.5...10 | | | |
| Twin wire-end ferrule | mm² | 0.5...2.5 | | | | | | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | | | 14 / 0.6 x 3.5 mm | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | PPE 2.5/4/4AN | 50 | 1896160000 | PPE 6/10 | 25 | 1896180000 |
| **Note** | | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | | For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000). | | |

## Accessories

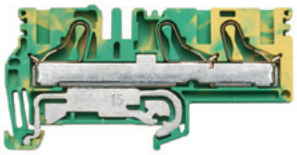
| | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **End plate / Partition plate** | Dark beige Wemid | PAP 2.5/4/4AN | 2.5 mm | 50 | 1896320000 | PAP PDU6/10 | 2.5 mm | 20 | 1896330000 |
| **End bracket** | Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | For conductors < 0.5 mm² / AWG 20 | PRH 2.5/4/1 | 6.16 mm | 100 | 1916410000 | | | | |
| | For conductors < 1.0 mm² / AWG 18 | PRH 2.5/4/2 | 6.16 mm | 100 | 1916400000 | | | | |
| **Cover** | With lightning flash symbol | PAD 2.5/4/4 | 5.1 mm | 80 | 1916150000 | PAD 6/10/4 | 5.3 mm | 80 | 1916160000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/5 / WS 10/5 | WS 10/8 |
| **Note** | | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | |

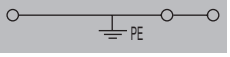
## PPE 6/10 3AN — 10 mm²

**3 connections**

PUSH IN



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 mm²) | | | |
| 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 | **1896190000** |

For 10 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203620000).

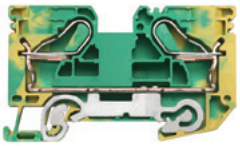
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| PAP PDU6/10/3AN | 2.5 mm | 20 | **1896340000** |
| | | | |
| ZEW 35 | 6 mm | 20 | **9540000000** |
| | | | |
| SDS 0.5X3.0X80 | | 1 | **9008320000** |
| | | | |
| | | | |
| | | | |
| | | | |
| PAD 6/10/4 | 5.3 mm | 80 | **1916160000** |
| | | |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

| |
|---|
| WS 10/8 |

## PPE 16 — 16 mm²

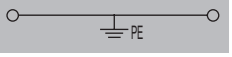
**2 connections**

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 | 12.1 x 81 x 48 |
| max. current / max. cond. cross-section | A/mm² | **/ 16** |
| Max. clamping range | mm² | **2.5...16** |




## Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated cross-section | mm² | 16 | AWG 14...4 | AWG 14...4 | 16 |
| Rated voltage to adjoining terminal | V | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | |
| Rated short-time current | | 1920 A (16 mm²) | | | |
| Pollution severity | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B6 / V-0 | | | |
| Approvals | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 2.5...16 | | | |
| Flexible / Flexible with ferrule | mm² | 2.5...16 / 2.5...16 | | | |
| Twin wire-end ferrule | mm² | | | | |
| Stripping length / Blade size | mm/- | 18 / 1.0 x 5.5 mm | | | |
| **Note** | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. |
|---|---|---|---|---|
| | green/yellow Wemid | PPE 16 | 10 | **1896210000** |
| **Note** | | | | |

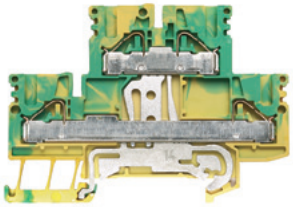
## Accessories

| Pluggable cross-connection | | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|
| | 2-pole | ZQV 16/2 | 76 A | 25 | **1739690000** |
| | | | | | |
| | | | | | |
| **End plate / Partition plate** | | | **Width** | | |
| | Dark beige Wemid | PAP 16 | 2.7 mm | 10 | **1896290000** |
| **End bracket** | | | | | |
| | Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | | |
| | Standard | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Cover** | | | | | |
| | With lightning flash symbol | PAD 16/4 | 7.3 mm | 80 | **1916170000** |
| | | | | | |
| | | | | | |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | WS 10/12 | |
| **Note** | | | |

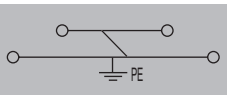
## PDK 2.5/4 PE — 4 mm²

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 | 5.1 x 82.5 x 58.5 |
| max. current / max. cond. cross-section | A/mm² | / 6 |
| Max. clamping range | mm² | 0.13...6 |




### Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

| Rated data | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|
| Rated cross-section mm² | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated voltage to adjoining terminal V | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal kV | 8 | | | |
| Rated short-time current | 480 A (4 mm²) | | | |
| Pollution severity | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | A3 / V-0 | | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | **Rated connection** | | | |
| Solid / stranded mm² | 0.5...6 | | | |
| Flexible / Flexible with ferrule mm² | 0.5...4 / 0.5...4 | | | |
| Twin wire-end ferrule mm² | 0.5...2.5 | | | |
| Stripping length / Blade size mm/- | | | | |
| **Note** | | | | |

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | PDK 2.5/4 PE | 50 | 1918710000 |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

### Accessories

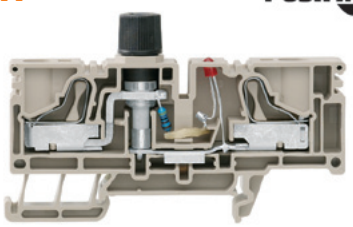
| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | PAP PDK 2.5/4 | 2.5 mm | 20 | 1919720000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | PRH 2.5/4/1 | 6.16 mm | 100 | 1916410000 |
| For conductors < 1.0 mm² / AWG 18 | PRH 2.5/4/2 | 6.16 mm | 100 | 1916400000 |
| **Cover** | | | | |
| With lightning flash symbol | PAD 2.5/4/4 | 5.1 mm | 80 | 1916150000 |

| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PSI 6/10 — 10 mm²

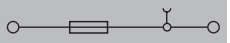
NEW

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 | 12.2 x 81 x 40.35 |
| max. current / max. cond. cross-section | A/mm² | **10 / 10** |
| Max. clamping range | mm² | **1.5...10** |



## Technical data

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 250 | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 10 | | |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | |
| Flammability class UL94 | | | V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 1.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 1.5...10 / 1.5...10 | | |
| Blade size | | 0.6 x 3.5 mm | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PSI 6/10 | 25 | **1083050000** |
| black | PSI 6/10 SW | 25 | **1165140000** |
| **Note** | Short-circuit protection aligned individually: 10 A and 4 W. | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 3-pole | ZQV 4/3 GE | 32 A | 60 | **1608960000** |
| 5-pole | ZQV 4/5 GE | 32 A | 20 | **1608980000** |
| 7-pole | ZQV 4/7 GE | 32 A | 20 | **1609000000** |
| 9-pole | ZQV 4/9 GE | 32 A | 20 | **1609020000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PTL/PSI 6/10 | 2.5 mm | 20 | **1165320000** |
| black | PAP PTL/PSI 6/10 SW | 2.5 mm | 20 | **1165330000** |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | **9008320000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | WS 10/8 |
| **Note** | | Every second pin on the cross-connection must be broken out. |

## 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 | |
| | $T_A$ max. | Nominal values | $T_A$ 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. |
|---|---|---|---|---|---|
| | 0.1 | (F) | G 20/0.10A/F | 10 | **0430300000** |
| 5 x 20 | 0.2 | (F) | G 20/0.20A/F | 10 | **0430400000** |
| breaking capacity 1500 A | 0.25 | (F) | G 20/0.25A/F | 10 | **0430500000** |
| (at 250 V, 50 Hz, cos φ 0.7) | 0.5 | (F) | G 20/0.50A/F | 10 | **0430600000** |
| | 0.63 | (F) | G 20/0.63A/F | 10 | **0439000000** |
| | 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** |

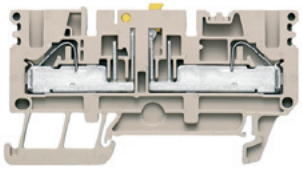
(M) = medium-blow (F) = fast-blow

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

## PTR 2.5/4 — 2.5 mm²

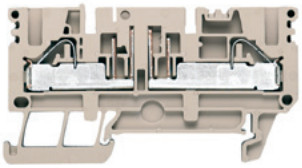
With isolator

PUSH IN



## PTR 2.5/4 O TNHE — 2.5 mm²

PUSH IN



| | | PTR 2.5/4 | PTR 2.5/4 O TNHE |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 71 x 39.5 | 5.1 x 71 x 39.5 |
| max. current / max. cond. cross-section | A/mm² | 22 / 6 | 22 / 6 |
| Max. clamping range | mm² | 0.13...6 | 0.13...6 |

## Technical data

| Rated data | | PTR 2.5/4 | PTR 2.5/4 O TNHE |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage of feed-through terminal | V | 500 / 600 (C) / 600 (C) | 500 |
| Rated current | A | 22 / 24 (C) / 24 (C) | 22 |
| Rated cross-section | mm² | 2.5 / AWG 26...10 / AWG 26...10 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...6 | 0.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | 0.5...4 / 0.5...4 |
| Twin wire-end ferrule | mm² | 0.5...2.5 | 0.5...2.5 |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | 12 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | PTR 2.5/4 Type | Qty. | Order No. | PTR 2.5/4 O TNHE Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | PTR 2.5/4 | 50 | 1933950000 | | | |
| Blue Wemid | PTR 2.5/4 BL | 50 | 1933970000 | | | |
| Without isolator, Dark beige Wemid | | | | PTR 2.5/4 O TNHE | 50 | 1933910000 |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

## Accessories

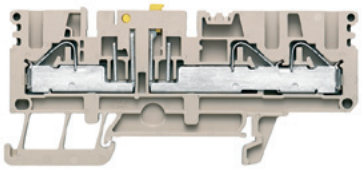
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | PAP PTR2.5/4 | 2.5 mm | 20 | 1934680000 | PAP PTR2.5/4 | 2.5 mm | 20 | 1934680000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Testing / Checking** | | | | | | | | |
| Test plug | PS 2.3 RT | 5.4 mm | 20 | 0180400000 | PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

## PTR 2.5/4 3AN — 2.5 mm²

**With isolator**

PUSH IN



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 |

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

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

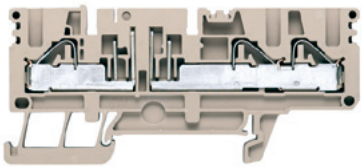
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | **Width** | | |
| PAP PTR2.5/4/3AN | 2.5 mm | 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

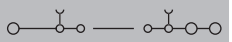
Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## PTR 2.5/4 3AN O TNHE — 2.5 mm²

PUSH IN



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 |

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

For 4 mm² 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 |

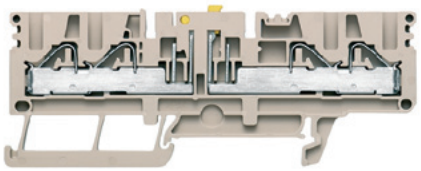
DEK 5/5 / WS 10/5

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

## PTR 2.5/4 4AN — 2.5 mm²

**With isolator**

PUSH IN



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 2.5/4/4AN | 50 | 1933940000 |
| PTR 2.5/4/4AN BL | 50 | 1934000000 |

For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000).

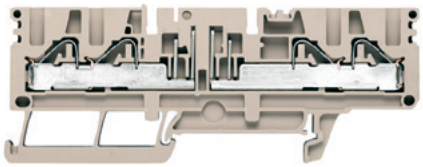
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | **Width** | | |
| PAP PTR2.5/4/4AN | 2.5 mm | 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.

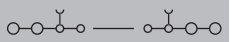
## PTR 2.5/4 4AN O TNHE — 2.5 mm²

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 | 5.1 x 99 x 39.5 |
| max. current / max. cond. cross-section | A/mm² | **22 / 6** |
| Max. clamping range | mm² | **0.13...6** |



## Technical data

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage of feed-through terminal | V | 500 | | |
| Rated current | A | 22 | | |
| Rated cross-section | mm² | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | |
| Twin wire-end ferrule | mm² | 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | | | |
| Blue Wemid | | | |
| Without isolator, Dark beige Wemid | PTR 2.5/4/4AN O TNHE | 50 | **1933890000** |
| **Note** | For 4 mm² conductors, use ferrules with a cross-section-optimised plastic collar (Order no. 9203630000). | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | **1608860000** |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | **1608870000** |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | **1608880000** |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | **1608940000** |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | **1908960000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PTR2.5/4/4AN | 2.5 mm | 20 | **1934700000** |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | **9008320000** |
| **Testing / Checking** | | | | |
| Test plug | PS 2.3 RT | 5.4 mm | 20 | **0180400000** |
| **Holder for cartridge fuse 5 x 20mm** | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | **7921560000** |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | **7921570000** |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | **7921600000** |
| **Module connector (max, 250 V)** | | | | |
| without fittings | BEST | 5.1 mm | 50 | **1833100000** |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | **1878570000** |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | **1878560000** |
| **Disconnect plug** | | | | |
| removable, as replacement for release lever | TNST | | 50 | **1833090000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| Marking tags | DEK 5/5 / WS 10/5 | |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | |

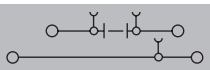
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## PDL 4/TR/DU 0 TNHE — 4 mm²

PUSH IN

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

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



### Technical data

IEC 60947-7-1

| Rated data | IEC | UL | CSA |
|---|---|---|---|
| Rated voltage of feed-through terminal (V) | 400 | 150 (C) | 300 (B) |
| Rated current (A) | 20 | 17 (C) | 6.3 (B) |
| Rated cross-section (mm²) | 4 | AWG 28...10 | AWG 28...10 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | |
| Approvals | | | |

| Clamped conductors (H05V/H07V) | Rated connection |
|---|---|
| Solid / stranded (mm²) | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule (mm²) | 0.5...4 / 0.5...4 |
| Twin wire-end ferrule (mm²) | 0.5...1.5 |
| Stripping length / Blade size (mm/-) | 12 / 3.0 x 0.5 mm |

**Note**

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | | | |
| Without isolator, Dark beige Wemid | PDL 4/TR/DU 0 TNHE | 50 | 1899210000 |

**Note**: ...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

| Type | current | Qty. | Order No. |
|---|---|---|---|
| **Pluggable cross-connection** | | | |
| 2-pole — ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole — ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole — ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole — ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole — ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | Width | | |
| Dark beige Wemid — PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | |
| Dark beige Wemid — ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | |
| Standard — SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Holder for cartridge fuse 5 x 20mm** | | | |
| 400 V AC/DC, without LED — SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED — SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED — SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | |
| without fittings — BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper — BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode — BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | |
| removable, as replacement for release lever — TNST | | 50 | 1833090000 |

| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |

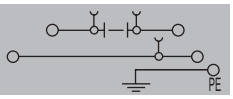
**Note**: Detailed information for working with twin ferrules can be found in the P Series Accessories section.

## PDL 4/TR/DU/PE 0 TNHE — 4 mm²

PUSH IN

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

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




### Technical data

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

| Rated data | IEC | UL | CSA |
|---|---|---|---|
| Rated voltage of feed-through terminal (V) | 400 | 300 (D) | 300 (B) |
| Rated current (A) | 20 | 10 (D) | 6.3 (B) |
| Rated cross-section (mm²) | 4 | AWG 28...10 | AWG 28...10 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | |
| Approvals | | | |

| Clamped conductors (H05V/H07V) | Rated connection |
|---|---|
| Solid / stranded (mm²) | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule (mm²) | 0.5...4 / 0.5...4 |
| Twin wire-end ferrule (mm²) | 0.5...1.5 |
| Stripping length / Blade size (mm/-) | 12 / 3.0 x 0.5 mm |

**Note**

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | | | |
| Without isolator, Dark beige Wemid | PDL 4/TR/DU/PE 0 TNHE | 50 | 1899220000 |

**Note**: ...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

| Type | current | Qty. | Order No. |
|---|---|---|---|
| **Pluggable cross-connection** | | | |
| 2-pole — ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole — ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole — ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole — ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole — ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | Width | | |
| Dark beige Wemid — PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | |
| Dark beige Wemid — ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | |
| Standard — SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Holder for cartridge fuse 5 x 20mm** | | | |
| 400 V AC/DC, without LED — SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED — SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED — SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | |
| without fittings — BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper — BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode — BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | |
| removable, as replacement for release lever — TNST | | 50 | 1833090000 |

| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |

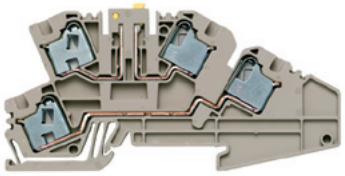
**Note**: Detailed information for working with twin ferrules can be found in the P Series Accessories section.

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

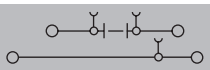
## PDL 4/TR/DU — 4 mm²

With isolator

PUSH IN



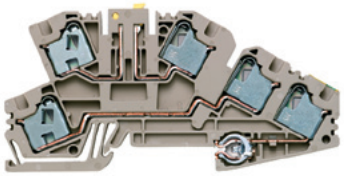
| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 100 x 49.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 |
| Max. clamping range | mm² | 0.08...4 |



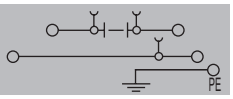
## PDL 4/TR/DU/PE — 4 mm²

With isolator

PUSH IN



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 100 x 49.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 |
| Max. clamping range | mm² | 0.08...4 |




## Technical data

| Rated data | | PDL 4/TR/DU | PDL 4/TR/DU/PE |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 (-7-2) |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage of feed-through terminal | V | 400 / 150 (C) / 300 (B) | 400 / 300 (D) / 300 (B) |
| Rated current | A | 20 / 17 (C) / 20 (B) | 20 / 10 (D) / 20 (B) |
| Rated cross-section | mm² | 4 / AWG 28...10 / AWG 28...10 | 4 / AWG 28...10 / AWG 28...10 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 4 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | 0.5...4 / 0.5...4 |
| Twin wire-end ferrule | mm² | 0.5...1.5 | 0.5...1.5 |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | 12 / 3.0 x 0.5 mm |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDL 4/TR/DU | 50 | 1899190000 |
| Without isolator, Dark beige Wemid | | | |
| **Note** | Without isolator: PDL 4 TR/DU 0 TNHE<br>Order no.: 1899210000 | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDL 4/TR/DU/PE | 50 | 1899200000 |
| Without isolator, Dark beige Wemid | | | |
| **Note** | Without isolator: PDL 4 TR/DU/PE 0 TNHE<br>Order no.: 1899220000 | | |

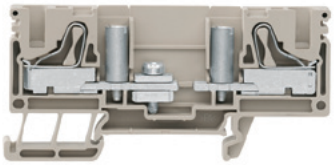
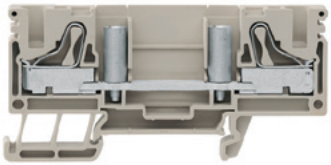
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 |

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 |

| | | |
|---|---|---|
| **Identification systems** (see assortment in catalogue 7) | | |
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | Detailed information for working with twin ferrules can be found in the P Series Accessories section. | Detailed information for working with twin ferrules can be found in the P Series Accessories section. |

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

| | | PTL 6/10 | PTD 6/10 |
|---|---|---|---|
| | | 10 mm² | 10 mm² |
| | | NEW PUSH IN | NEW PUSH IN |
| | |  |  |
| Width/Length/Height of lowest version | mm | 8.1 x 82 x 40.35 | 8.1 x 82 x 40.35 |
| max. current / max. cond. cross-section | A/mm² | / 10 | / 10 |
| Max. clamping range | mm² | 1.5...10 | 1.5...10 |

## Technical data

| Rated data | | PTL 6/10 | PTD 6/10 |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 |
| Rated voltage of feed-through terminal | V | IEC 800 / UL 600 (C) / CSA | IEC 800 / UL 600 (C) / CSA |
| Rated current | A | 57 / 45 (C) | 57 / 45 (C) |
| Rated cross-section | mm² | 10 / AWG 16...16 | 10 / AWG 16...16 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | A5 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 1.5...6 | 1.5...6 |
| Flexible / Flexible with ferrule | mm² | 1.5...10 / 1.5...10 | 1.5...10 / 1.5...10 |
| Twin wire-end ferrule | mm² | | |
| Stripping length / Blade size | mm/- | 14 / 0.6 x 3.5 mm | 14 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | PTL 6/10/STB | 50 | 1084780000 | PTD 6/10/STB | 50 | 1084790000 |
| **Note** | | | | | | | |

## Accessories

| End plate / Partition plate | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | PAP PTL/PSI 6/10 | 2.5 mm | 20 | 1165320000 | PAP PTL/PSI 6/10 | 2.5 mm | 20 | 1165320000 |
| | black | PAP PTL/PSI 6/10 SW | 2.5 mm | 20 | 1165330000 | PAP PTL/PSI 6/10 SW | 2.5 mm | 20 | 1165330000 |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Miscellaneous accessories** | | | | | | | | | |
| | Short-circuit plug, 2-pole | QS 2/8/4 | 12 mm | 20 | 0270960000 | QS 2/8/4 | 12 mm | 20 | 0270960000 |
| **Threaded bushing** | | | | | | | | | |
| | Standard | GWHUE M3 WTL6 | | 50 | 1255010000 | GWHUE M3 WTL6 | | 50 | 1255010000 |
| **Screwable cross-connection** | | | current | | | | current | | |
| | 2-pole | WQV 6/2 | 57 A | 50 | 1052360000 | WQV 6/2 | 57 A | 50 | 1052360000 |
| | 3-pole | WQV 6/3 | 57 A | 50 | 1054760000 | WQV 6/3 | 57 A | 50 | 1054760000 |
| | 4-pole | WQV 6/4 | 57 A | 50 | 1054860000 | WQV 6/4 | 57 A | 50 | 1054860000 |
| | 10-pole | WQV 6/10 | 57 A | 20 | 1052260000 | WQV 6/10 | 57 A | 20 | 1052260000 |
| **Testing / Checking** | | | Width | | | | Width | | |
| | Socket - blue | STB 21.6/45 BL | 6.1 mm | 50 | 1936290000 | STB 21.6/45 BL | 6.1 mm | 50 | 1936290000 |
| | Socket - yellow | STB 21.6/45 GE | 6.1 mm | 50 | 1936240000 | STB 21.6/45 GE | 6.1 mm | 50 | 1936240000 |
| | Socket - green | STB 21.6/45 GN | 6.1 mm | 50 | 1936250000 | STB 21.6/45 GN | 6.1 mm | 50 | 1936250000 |
| | Socket - magenta | STB 21.6/45 VI | 6.1 mm | 50 | 1936260000 | STB 21.6/45 VI | 6.1 mm | 50 | 1936260000 |
| | Socket | STB 14/D6/4/M3 SAK10 | | 500 | 2012420000 | STB 14/D6/4/M3 SAK10 | | 500 | 2012420000 |
| | Socket - blue | STB 36.8/IH/BL WTL6/1 | 6 mm | 50 | 1847790000 | STB 36.8/IH/BL WTL6/1 | 6 mm | 50 | 1847790000 |
| | Socket - yellow | STB 36.8/IH/GE WTL6/1 | 6 mm | 50 | 1847760000 | STB 36.8/IH/GE WTL6/1 | 6 mm | 50 | 1847760000 |
| | Socket - green | STB 36.8/IH/GN WTL6/1 | 6 mm | 50 | 1847770000 | STB 36.8/IH/GN WTL6/1 | 6 mm | 50 | 1847770000 |
| | Socket - magenta | STB 36.8/IH/VI WTL6/1 | 6 mm | 50 | 1847780000 | STB 36.8/IH/VI WTL6/1 | 6 mm | 50 | 1847780000 |
| | Socket | STB 36.8/IH/DB WTL6/1 | 6 mm | 50 | 1847740000 | STB 36.8/IH/DB WTL6/1 | 6 mm | 50 | 1847740000 |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | DEK 5/8 | | | | DEK 5/8 | | | |
| **Note** | | | | | | | | | |

# Distribution terminal blocks for simple maintenance

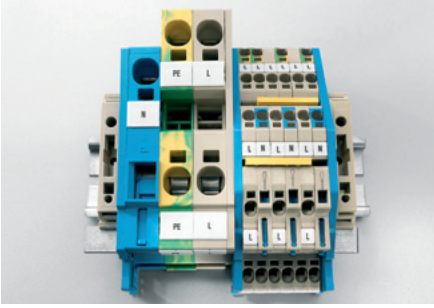
PUSH IN

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

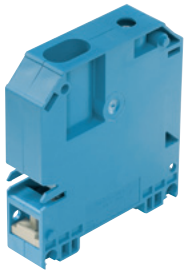
This addition to Weidmüller's comprehensive line of "PUSH IN" terminal block products speeds up your installation while also providing better power specifications in a smaller size.

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

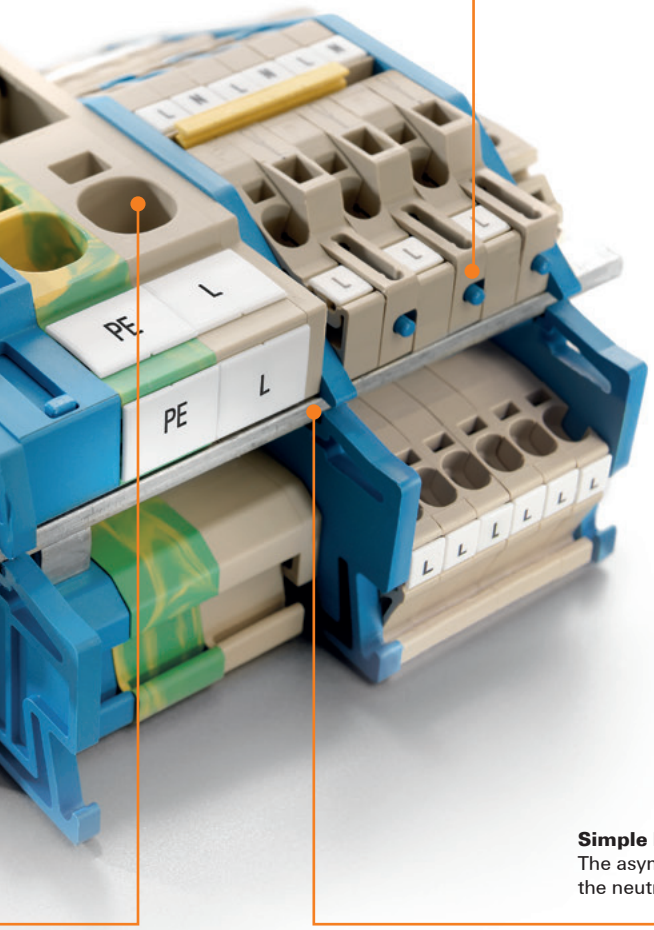
**Quick and safe**
A universal wire connection range from 2.5 to 16 mm². Solid and flexible conductors with wire-end ferrules can be connected using this connection system.



**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.



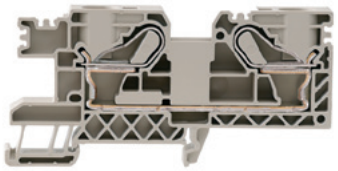

**Simple handling**
The asymmetric design of the terminal enables the neutral-wire busbar to be bypassed.

## Feed-through terminals

**PDU 16S** | **16 mm²**

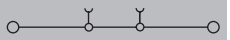
*NEW*

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 | 12.1 x 96.5 x 48 |
| max. current / max. cond. cross-section | A/mm² | **/ 16** |
| Max. clamping range | mm² | **2.5...16** |



## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 800 | | |
| Rated current | A | 76 | | |
| Rated cross-section | mm² | 16 | | |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | B6 / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 2.5...16 |
| Flexible / Flexible with ferrule | mm² | 2.5...16 / 2.5...16 |
| Twin wire-end ferrule | mm² | |
| Stripping length / Blade size | mm/- | 18 / 1.0 x 5.5 mm |

**Note**

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDU 16S | 25 | **1139580000** |

**Note**

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 16/2 | 76 A | 25 | **1739690000** |
| | | | | |
| | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDU16S | 2.7 mm | 10 | **1139910000** |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Cover** | | | | |
| With lightning flash symbol | PAD 16/4 | 7.3 mm | 80 | **1916170000** |
| | | | | |
| | | | | |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | WS 12/8 |

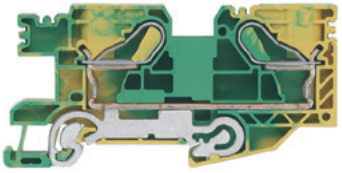
**Note**

## PE terminals

**PPE 16S** | **16 mm²**

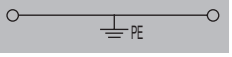
*NEW*

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 | 12.1 x 96.5 x 48 |
| max. current / max. cond. cross-section | A/mm² | **/ 16** |
| Max. clamping range | mm² | **2.5...16** |




## Technical data

IEC 60947-7-2

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated cross-section | mm² | 16 | | |
| Rated voltage to adjoining terminal | V | 800 | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | |
| Rated short-time current | | | 1920 A (16 mm²) | |
| Pollution severity | | | 3 | |
| Flammability class UL94 | | | V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 2.5...16 |
| Flexible / Flexible with ferrule | mm² | 2.5...16 / 2.5...16 |
| Blade size | | 1.0 x 5.5 mm |

**Note**

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | PPE 16S | 10 | **1139570000** |

**Note**

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 16/2 | 76 A | 25 | **1739690000** |
| | | | | |
| | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDU16S | 2.7 mm | 10 | **1139910000** |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Cover** | | | | |
| With lightning flash symbol | PAD 16/4 | 7.3 mm | 80 | **1916170000** |
| | | | | |
| | | | | |

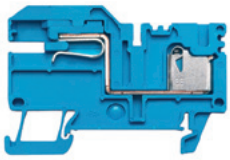
| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | WS 10/12 |

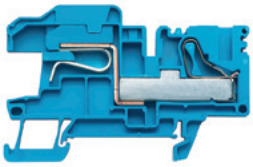
**Note**

## 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.

| | | PNT 2.5/4 — 4 mm² | PNT 6/10 — 10 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 63.5 x 48.5 | 8.1 x 72.5 x 46.5 |
| max. current / max. cond. cross-section | A/mm² | / 6 | / 10 |
| Max. clamping range | mm² | 0.08...6 | 1.5...10 |





### Technical data

| Rated data | | PNT 2.5/4 | PNT 6/10 |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 250 | 250 |
| Rated current | A | 32 | 41 |
| Rated cross-section | mm² | 4 | 10 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A4 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...6 | 1.5...6 |
| Flexible / Flexible with ferrule | mm² | 2.5...4 / 0.5...4 | 1.5...10 / 1.5...10 |
| Twin wire-end ferrule | mm² | ...1.5 | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | 14 / 0.6 x 3.5 mm |
| **Note** | | | |

### Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Blue Wemid | PNT 2.5/4 | 50 | 1896360000 | PNT 6/10 | 25 | 1896370000 |
| **Note** | | | | | | | |

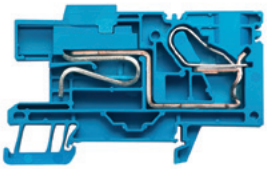
### Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 6N/2 | | 60 | 1906210000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 6N/3 | | 60 | 1906220000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 6N/4 | | 60 | 1906230000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | | | | |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 6N/20 | | 20 | 1906240000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | **Width** | | | | **Width** | | |
| Blue Wemid | PHP PNT 2.5/4 | 3 mm | 20 | 1896390000 | PHP PNT 6/10 | 3 mm | 10 | 1896100000 |
| For a vertical installation position | PHP PNT 2.5/4 SO | 3 mm | 20 | 1916790000 | PHP PNT 6/10 SO | 3 mm | 10 | 1919710000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 | SDS 0.5X3.0X80 | | 1 | 9008320000 |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25.5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0.5 - 6 / 4 mm² | ZF 4 S BL | 6.1 mm | 50 | 1814660000 | ZF 4 S BL | 6.1 mm | 50 | 1814660000 |
| Rigid / flexible 6 - 16 mm² | ZB 16K BL | 10 mm | 50 | 0502880000 | ZB 16K BL | 10 mm | 50 | 0502880000 |
| Flexible 16 - 35 mm² | ZB 35/M6X16 | 14 mm | 20 | 0266500000 | ZB 35/M6X16 | 14 mm | 20 | 0266500000 |

| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| | Marking tags | DEK 5/5 / WS 10/5 | WS 10/8 |
| **Note** | | | |

## PNT 16 — 16 mm²

PUSH IN



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

NT

| 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 |

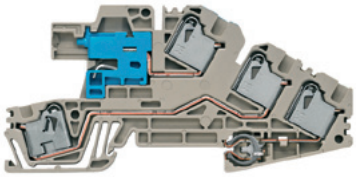
| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | **Width** | | |
| PHP PNT16 | 3 mm | 10 | 1896380000 |
| PHP PNT16 SO | 3 mm | 10 | 1919690000 |
| | | | |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| SDIS SL 1.0X4.5X125 | | 1 | 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 |

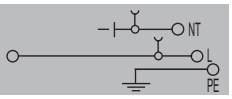
| |
|---|
| |
| WS 10/12 |
| |

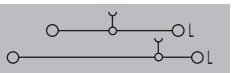
## Distribution terminals for 10 x 3 mm

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

| | | PDL 4 S/NT/L/PE 4 mm² | PDL 4 S/L/L 4 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 100 x 48.5 | 5.1 x 100 x 48.5 |
| max. current / max. cond. cross-section | A/mm² | 36 / 4 | 36 / 4 |
| Max. clamping range | mm² | 0.08...4 | 0.08...4 |








## Technical data

| | | PDL 4 S/NT/L/PE | PDL 4 S/L/L |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 (-7-2) | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 | 400 |
| Rated current | A | 32 | 32 |
| Rated cross-section | mm² | 4 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | 0.5...4 / 0.5...4 |
| Twin wire-end ferrule | mm² | 0.5...1.5 | 0.5...1.5 |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | 12 / 3.0 x 0.5 mm |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | PDL 4 S/NT/L/PE | 50 | 1837060000 | PDL 4 S/L/L | 50 | 1837030000 |
| **Note** | | | | | | |

## Accessories

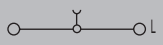
| | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | PAP PDL4S | 1.5 mm | 20 | 1837070000 | PAP PDL4S | 1.5 mm | 20 | 1837070000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | PHP PDL | 3 mm | 20 | 1837090000 | PHP PDL | 3 mm | 20 | 1837090000 |
| For a vertical installation position | PHP PDL SO | 3 mm | 20 | 1837080000 | PHP PDL SO | 3 mm | 20 | 1837080000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS 0.4X2.5X75 | | 1 | 9008370000 | SDIS 0.4X2.5X75 | | 1 | 9008370000 |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25.5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0.5 - 6 / 4 mm² | ZF 4 S BL | 6.1 mm | 50 | 1814660000 | ZF 4 S BL | 6.1 mm | 50 | 1814660000 |
| Rigid / flexible 6 - 16 mm² | ZB 16 ZKSC | 10 mm | 50 | 0316600000 | ZB 16 ZKSC | 10 mm | 50 | 0316600000 |
| Flexible 16 - 35 mm² | ZB 35/M6X16 | 14 mm | 20 | 0266500000 | ZB 35/M6X16 | 14 mm | 20 | 0266500000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 | DEK 5/5 |
| **Note** | | | |

## PDL 4 S/L — 4 mm²

PUSH IN

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 |

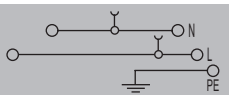
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| | **Width** | | |
| PAP PDL4S | 1.5 mm | 20 | 1837070000 |
| | | | |
| PHP PDL | 3 mm | 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 |

DEK 5/5

## PDL 4 S/N/L/PE — 4 mm²

PUSH IN

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 |

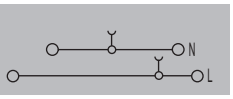
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| | **Width** | | |
| PAP PDL4S | 1.5 mm | 20 | 1837070000 |
| | | | |
| PHP PDL | 3 mm | 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 |

DEK 5/5

## PDL 4 S/N/L — 4 mm²

PUSH IN

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 |

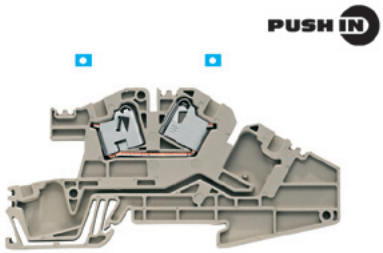
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| | **Width** | | |
| PAP PDL4S | 1.5 mm | 20 | 1837070000 |
| | | | |
| PHP PDL | 3 mm | 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 |

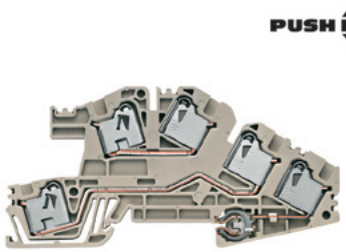
DEK 5/5

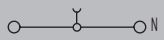
## Distribution terminals for 10 x 3 mm

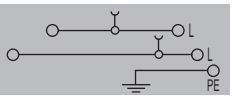
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | PDL 4 S/N 4 mm² | PDL 4 S/L/L/PE 4 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 100 x 48.5 | 5.1 x 100 x 48.5 |
| max. current / max. cond. cross-section | A/mm² | 36 / 4 | 36 / 4 |
| Max. clamping range | mm² | 0.08...4 | 0.08...4 |








## Technical data

| | | PDL 4 S/N | PDL 4 S/L/L/PE |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 (-7-2) |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 | 400 |
| Rated current | A | 32 | 32 |
| Rated cross-section | mm² | 4 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | 0.5...4 / 0.5...4 |
| Twin wire-end ferrule | mm² | 0.5...1.5 | 0.5...1.5 |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | 12 / 3.0 x 0.5 mm |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | PDL 4 S/N | 50 | 1847620000 | PDL 4 S/L/L/PE | 50 | 1837040000 |
| **Note** | | | | | | |

## Accessories

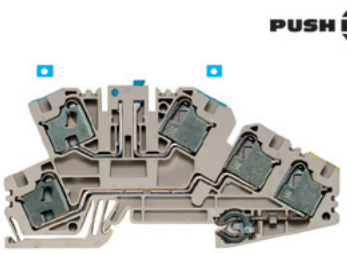
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | PAP PDL4S | 1.5 mm | 20 | 1837070000 | PAP PDL4S | 1.5 mm | 20 | 1837070000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | PHP PDL | 3 mm | 20 | 1837090000 | PHP PDL | 3 mm | 20 | 1837090000 |
| For a vertical installation position | PHP PDL SO | 3 mm | 20 | 1837080000 | PHP PDL SO | 3 mm | 20 | 1837080000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS 0.4X2.5X75 | | 1 | 9008370000 | SDIS 0.4X2.5X75 | | 1 | 9008370000 |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25.5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0.5 - 6 / 4 mm² | ZF 4 S BL | 6.1 mm | 50 | 1814660000 | ZF 4 S BL | 6.1 mm | 50 | 1814660000 |
| Rigid / flexible 6 - 16 mm² | ZB 16 ZKSC | 10 mm | 50 | 0316600000 | ZB 16 ZKSC | 10 mm | 50 | 0316600000 |
| Flexible 16 - 35 mm² | ZB 35/M6X16 | 14 mm | 20 | 0266500000 | ZB 35/M6X16 | 14 mm | 20 | 0266500000 |

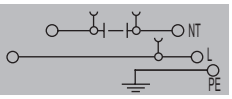
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 | DEK 5/5 |
| **Note** | | |

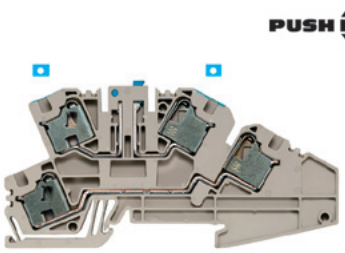
## Modular distribution terminals

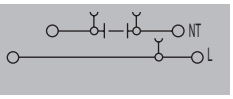
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | PDL 4 NT/L/PE 4 mm² | PDL 4 NT/L 4 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 100 x 49.1 | 5.1 x 100 x 49.1 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.08...4 | 0.08...4 |








## Technical data

| Rated data | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 400 | 300 (D) | 300 (B) | 400 | 150 (C) | 300 (B) |
| Rated current | A | 20 | 10 (D) | 20 (B) | 20 | 17 (C) | 20 (B) |
| Rated cross-section | mm² | 4 | AWG 28...10 | AWG 28...10 | 4 | AWG 28...10 | AWG 28...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | 0.5...4 / 0.5...4 | | |
| Twin wire-end ferrule | mm² | 0.5...1.5 | | | 0.5...1.5 | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | | 12 / 3.0 x 0.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | PDL 4/NT/L/PE | 50 | 1882620000 | PDL 4/NT/L | 50 | 1882600000 |
| **Note** | | | | | | | |

## Accessories

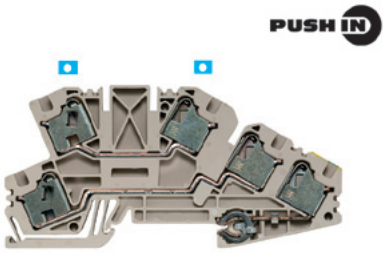
| Pluggable cross-connection | | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| | 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| | 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| | 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| **End plate / Partition plate** | | | **Width** | | | | **Width** | | |
| | Dark beige Wemid | PAP PDL4 | 1.5 mm | 20 | 1883210000 | PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDIS 0.4X2.5X75 | | 1 | 9008370000 | SDIS 0.4X2.5X75 | | 1 | 9008370000 |

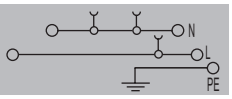
| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| | Marking tags | DEK 5/5 | DEK 5/5 |
| **Note** | | | |

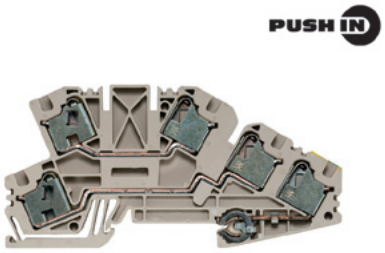
## Modular distribution terminals

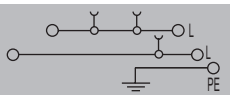
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | PDL 4 N/L/PE 4 mm² | PDL 4 L/L/PE 4 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 100 x 49.1 | 5.1 x 100 x 49.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.08...4 | 0.08...4 |




## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 400 | 300 (D) | 300 (B) |
| Rated current | A | 32 | 10 (D) | 20 (B) |
| Rated cross-section | mm² | 4 | AWG 28...10 | AWG 28...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | |
| Twin wire-end ferrule | mm² | 0.5...1.5 | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | |
| **Note** | | | | |

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 400 | 300 (D) | 300 (B) |
| Rated current | A | 32 | 10 (D) | 20 (B) |
| Rated cross-section | mm² | 4 | AWG 28...10 | AWG 28...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | |
| Twin wire-end ferrule | mm² | 0.5...1.5 | | |
| Stripping length / Blade size | mm/- | 12 / 3.0 x 0.5 mm | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDL 4/N/L/PE | 50 | 1899180000 |
| **Note** | | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | PDL 4/L/L/PE | 50 | 1882610000 |
| **Note** | | | |

## Accessories

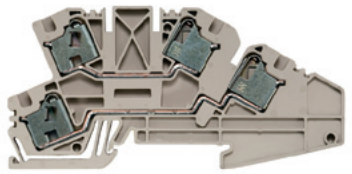
| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | |
| Standard | SDIS 0.4X2.5X75 | | 1 | 9008370000 |

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | PAP PDL4 | 1.5 mm | 20 | 1883210000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Screwdriver** | | | | |
| Standard | SDIS 0.4X2.5X75 | | 1 | 9008370000 |

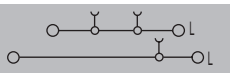
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 | DEK 5/5 |
| **Note** | | | |

## PDL 4 L/L — 4 mm²

PUSH IN



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

PUSH IN

product design award

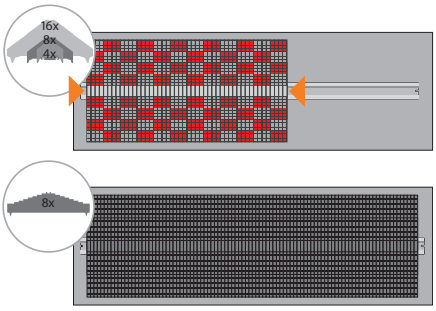
2012

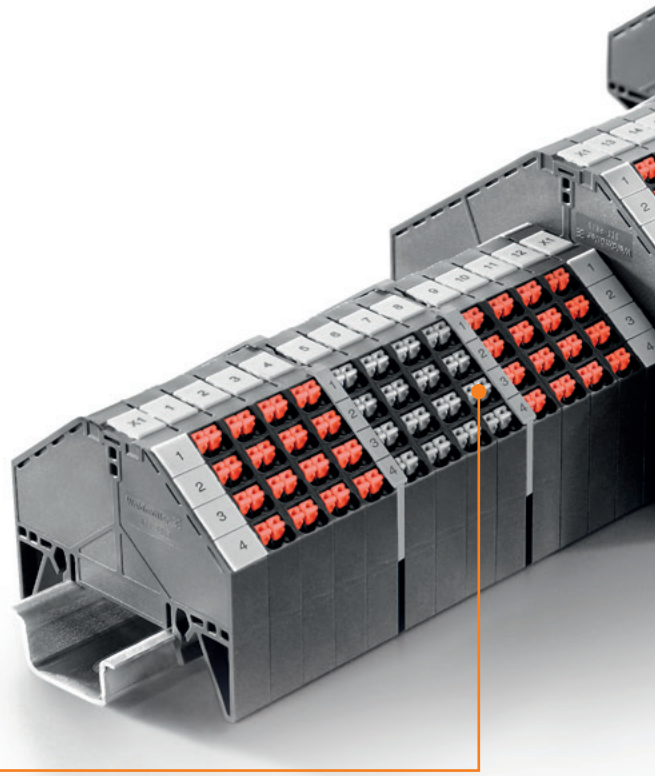
**The affordable and space-saving method for signal distribution and routing**

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.

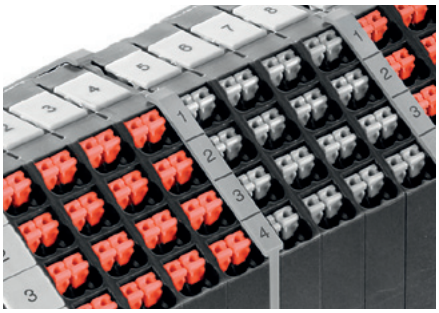
These challenges can be simply dealt with using Weidmuller's new marshalling and distribution terminals. The PRV, with its PUSH IN wire connection, is the most compact marshalling terminal worldwide.

**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.

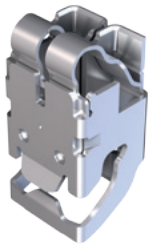


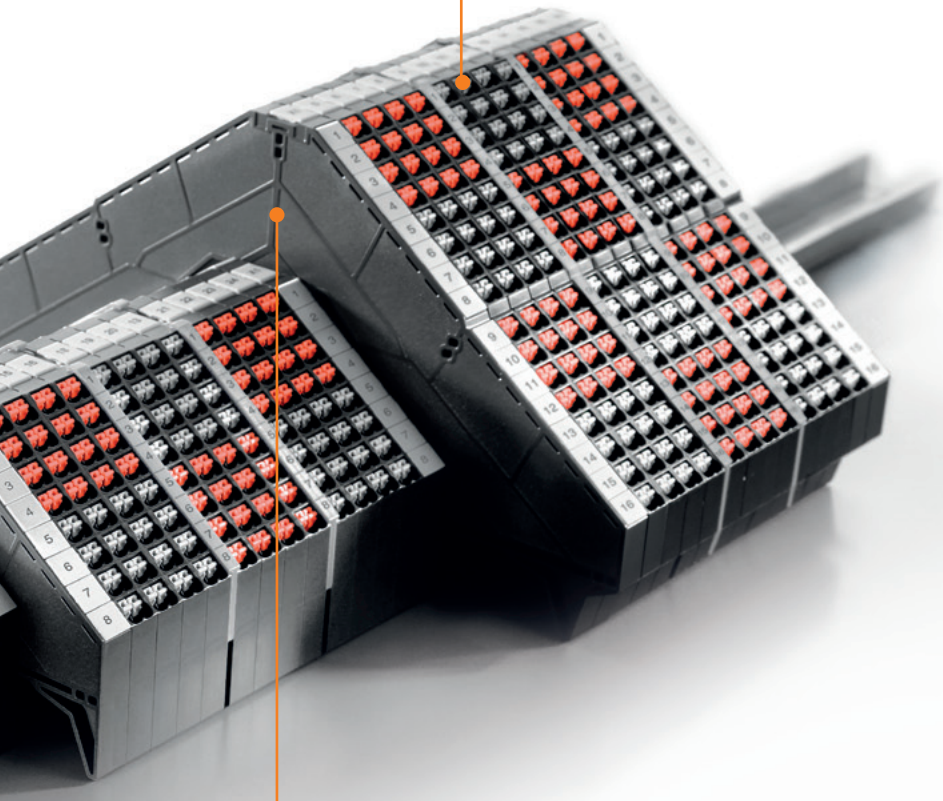



**Optimal orientation**
Colour coding on the terminals provides for easy assignment of signals and and clarity during extension work or maintenance.



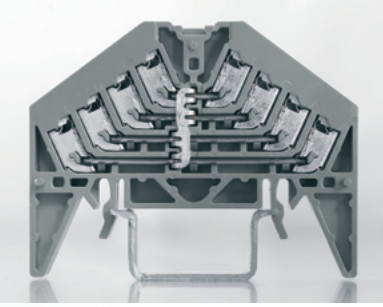
**Compact and redundant**
The PUSH IN double connection offers redundant connection, taking up minimal space.





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

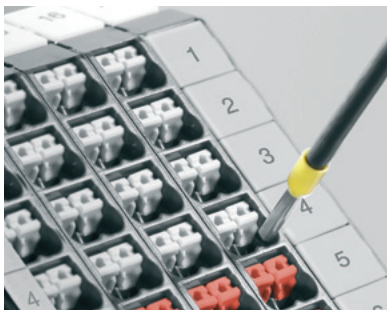
**PPV power distribution terminal**
For simple and safe potential distribution, the four-level and eight-level marshalling terminals are also available as potential distribution terminals.



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.



## PRV

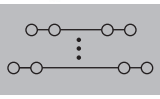
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### PRV 4 RT — 1.5 mm²

NEW

PUSH IN

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 9.2 x 70 x |
| max. current / max. cond. cross-section | A/mm² | **13 / 1.5** |
| Max. clamping range | mm² | **0.2...1.5** |

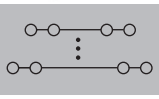


### PRV 4 WS — 1.5 mm²

NEW

PUSH IN

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 9.2 x 70 x |
| max. current / max. cond. cross-section | A/mm² | **13 / 1.5** |
| Max. clamping range | mm² | **0.2...1.5** |



## Technical data

| Rated data | | PRV 4 RT | | | PRV 4 WS | | |
|---|---|---|---|---|---|---|---|
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 250 | 300 (D) | 300 (D) | 250 | 300 (D) | 300 (D) |
| Rated current | A | 10 | 10 (D) | 10 (D) | 10 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 1.5 | AWG 26...16 | AWG 26...16 | 1.5 | AWG 26...16 | AWG 26...16 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | | / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.2...1.5 / 0.2...1.5 | | | 0.2...1.5 / 0.2...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.2...1.5 / 0.2...1.5 | | | 0.2...1.5 / 0.2...1.5 | | |
| Twin wire-end ferrule | mm² | | | | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

IEC 60947-7-1, DIN EN 60079

## Ordering data

| Version | PRV 4 RT Type | Qty. | Order No. | PRV 4 WS Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Black for TS 35x15 | PRV 4 SW 35X15 RT | 20 | **1173810000** | PRV 4 SW 35X15 WS | 20 | **1173820000** |
| Blue for TS 35x15 | PRV 4 BL 35X15 RT | 20 | **1267890000** | PRV 4 BL 35X15 WS | 20 | **1173920000** |
| Black for TS 35x7.5 | PRV 4 SW 35X7.5 RT | 20 | **1173830000** | PRV 4 SW 35X7.5 WS | 20 | **1173840000** |
| Blue for TS 35x7.5 | PRV 4 BL 35X7.5 RT | 20 | **1267900000** | PRV 4 BL 35X7.5 WS | 20 | **1173930000** |
| **Note** | RT = red actuators | | | WS = white actuators | | |

## Accessories

| End plate | PRV 4 RT Type | Width | Qty. | Order No. | PRV 4 WS Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| black | PAP PRV/PPV4 SW | 3 mm | 10 | **1173750000** | PAP PRV/PPV4 SW | 3 mm | 10 | **1173750000** |
| blue | PAP PRV/PPV4 BL | 3 mm | 10 | **1268010000** | PAP PRV/PPV4 BL | 3 mm | 10 | **1268010000** |
| grey | PAP PRV/PPV4 GR | 3 mm | 10 | **1211450000** | PAP PRV/PPV4 GR | 3 mm | 10 | **1211450000** |
| **Marker holder** | | | | | | | | |
| Black for TS 35x15 | BZT PRV4 SW 35X15 | 10.2 mm | 20 | **1173590000** | BZT PRV4 SW 35X15 | 10.2 mm | 20 | **1173590000** |
| Blue for TS 35x15 | BZT PRV4 BL 35X15 | 10.2 mm | 20 | **1267980000** | BZT PRV4 BL 35X15 | 10.2 mm | 20 | **1267980000** |
| Black for TS 35x7.5 | BZT PRV4 SW 35X7.5 | 10.2 mm | 20 | **1173600000** | BZT PRV4 SW 35X7.5 | 10.2 mm | 20 | **1173600000** |
| Blue for TS 35x7.5 | BZT PRV4 BL 35X7.5 | 10.2 mm | 20 | **1267990000** | BZT PRV4 BL 35X7.5 | 10.2 mm | 20 | **1267990000** |
| **Partition plate** | | | | | | | | |
| Unprinted | TW PRV4 | 2 mm | 10 | **1173700000** | TW PRV4 | 2 mm | 10 | **1173700000** |
| Printed 0...3 or 0...7 or 0...15 | TW PRV4 0-3 | 2 mm | 10 | **1230060000** | TW PRV4 0-3 | 2 mm | 10 | **1230060000** |
| Printed 1...4 or 1...8 or 1...16 | TW PRV4 1-4 | 2 mm | 10 | **1230050000** | TW PRV4 1-4 | 2 mm | 10 | **1230050000** |
| Printed A...D or A...H or A...P | TW PRV4 A-D | 2 mm | 10 | **1230070000** | TW PRV4 A-D | 2 mm | 10 | **1230070000** |
| **End bracket** | | | | | | | | |
| black | ZEW 35/2 SW | 8 mm | 20 | **1162610000** | ZEW 35/2 SW | 8 mm | 20 | **1162610000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Pluggable cross-connection** | | **current** | | | | **current** | | |
| 2-pole | SRC-I QV P | | 10 | **8870840000** | SRC-I QV P | | 10 | **8870840000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | WS 7.8/9.2 | | | | WS 7.8/9.2 | | | |
| **Note** | | | | | | | | |

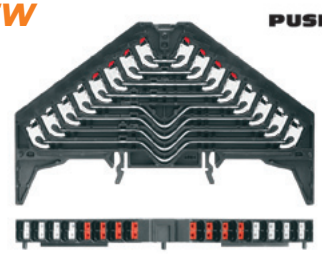
## PRV

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

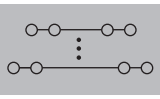
### PRV 8 RT/WS — 1.5 mm²

NEW

PUSH IN



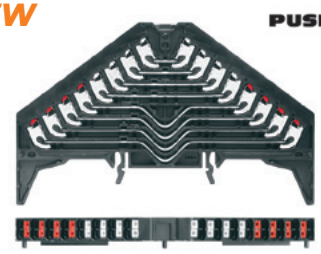
| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 9.2 x 120 x |
| max. current / max. cond. cross-section | A/mm² | **10 / 1.5** |
| Max. clamping range | mm² | **0.2...1.5** |



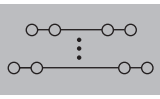
### PRV 8 WS/RT — 1.5 mm²

NEW

PUSH IN



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



## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) |
| Rated current | A | 8 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 1.5 | AWG 26...16 | AWG 26...16 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.2...1.5 / 0.2...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.2...1.5 / 0.2...1.5 | | |
| Twin wire-end ferrule | mm² | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | |

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) |
| Rated current | A | 8 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 1.5 | AWG 26...16 | AWG 26...16 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.2...1.5 / 0.2...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.2...1.5 / 0.2...1.5 | | |
| Twin wire-end ferrule | mm² | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Black for TS 35x15 | PRV 8 SW 35X15 RT/WS | 20 | 1173740000 |
| Blue for TS 35x15 | PRV 8 BL 35X15 RT/WS | 20 | 1267830000 |
| Black for TS 35x7.5 | PRV 8 SW 35X7.5 RT/WS | 20 | 1173790000 |
| Blue for TS 35x7.5 | PRV 8 BL 35X7.5 RT/WS | 20 | 1267840000 |
| **Note** | RT = red actuators<br>WS = white actuators | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Black for TS 35x15 | PRV 8 SW 35X15 WS/RT | 20 | 1173780000 |
| Blue for TS 35x15 | PRV 8 BL 35X15 WS/RT | 20 | 1173900000 |
| Black for TS 35x7.5 | PRV 8 SW 35X7.5 WS/RT | 20 | 1173800000 |
| Blue for TS 35x7.5 | PRV 8 BL 35X7.5 WS/RT | 20 | 1173910000 |
| **Note** | RT = red actuators<br>WS = white actuators | | |

## Accessories

| End plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| black | PAP PRV/PPV8 SW | 3 mm | 10 | 1173720000 |
| blue | PAP PRV/PPV8 BL | 3 mm | 10 | 1268000000 |
| grey | PAP PRV/PPV8 GR | 3 mm | 10 | 1211460000 |
| **Marker holder** | | | | |
| Black for TS 35x15 | BZT PRV8 SW 35X15 | 10.2 mm | 20 | 1173570000 |
| Blue for TS 35x15 | BZT PRV8 BL 35X15 | 10.2 mm | 20 | 1267950000 |
| Black for TS 35x7.5 | BZT PRV8 SW 35X7.5 | 10.2 mm | 20 | 1173580000 |
| Blue for TS 35x7.5 | BZT PRV8 BL 35X7.5 | 10.2 mm | 20 | 1267970000 |
| **Partition plate** | | | | |
| Unprinted | TW PRV8 | 2 mm | 10 | 1173670000 |
| Printed 0...3 or 0...7 or 0...15 | TW PRV8 0-7 | 2 mm | 10 | 1230090000 |
| Printed 1...4 or 1...8 or 1...16 | TW PRV8 1-8 | 2 mm | 10 | 1230080000 |
| Printed A...D or A...H or A...P | TW PRV8 A-H | 2 mm | 10 | 1230110000 |
| **End bracket** | | | | |
| black | ZEW 35/2 SW | 8 mm | 20 | 1162610000 |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Pluggable cross-connection** | | current | | |
| 2-pole | SRC-I QV P | | 10 | 8870840000 |

| End plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| black | PAP PRV/PPV8 SW | 3 mm | 10 | 1173720000 |
| blue | PAP PRV/PPV8 BL | 3 mm | 10 | 1268000000 |
| grey | PAP PRV/PPV8 GR | 3 mm | 10 | 1211460000 |
| **Marker holder** | | | | |
| Black for TS 35x15 | BZT PRV8 SW 35X15 | 10.2 mm | 20 | 1173570000 |
| Blue for TS 35x15 | BZT PRV8 BL 35X15 | 10.2 mm | 20 | 1267950000 |
| Black for TS 35x7.5 | BZT PRV8 SW 35X7.5 | 10.2 mm | 20 | 1173580000 |
| Blue for TS 35x7.5 | BZT PRV8 BL 35X7.5 | 10.2 mm | 20 | 1267970000 |
| **Partition plate** | | | | |
| Unprinted | TW PRV8 | 2 mm | 10 | 1173670000 |
| Printed 0...3 or 0...7 or 0...15 | TW PRV8 0-7 | 2 mm | 10 | 1230090000 |
| Printed 1...4 or 1...8 or 1...16 | TW PRV8 1-8 | 2 mm | 10 | 1230080000 |
| Printed A...D or A...H or A...P | TW PRV8 A-H | 2 mm | 10 | 1230110000 |
| **End bracket** | | | | |
| black | ZEW 35/2 SW | 8 mm | 20 | 1162610000 |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Pluggable cross-connection** | | current | | |
| 2-pole | SRC-I QV P | | 10 | 8870840000 |

| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | WS 7.8/9.2 | | |
| **Note** | | | |

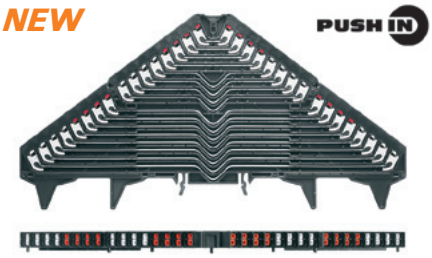
| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | WS 7.8/9.2 | | |
| **Note** | | | |

## PRV

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

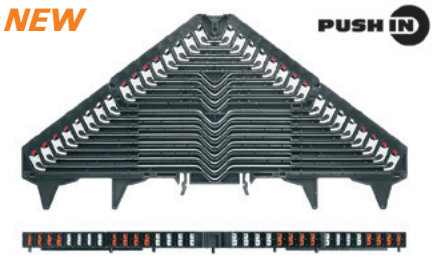
### PRV 16 RT/WS — 1.5 mm²

NEW




### PRV 16 WS/RT — 1.5 mm²

NEW




| | | PRV 16 RT/WS | PRV 16 WS/RT |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 9.2 x 225 x | 9.2 x 225 x |
| max. current / max. cond. cross-section | A/mm² | 11 / 1.5 | 11 / 1.5 |
| Max. clamping range | mm² | 0.2...1.5 | 0.2...1.5 |

## Technical data

| | | PRV 16 RT/WS | PRV 16 WS/RT |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1, DIN EN 60079 | IEC 60947-7-1, DIN EN 60079 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 250 / 300 (D) / 300 (D) | 250 / 300 (D) / 300 (D) |
| Rated current | A | 6 / 1 (D) / 1 (D) | 6 / 1 (D) / 1 (D) |
| Rated cross-section | mm² | 1.5 / AWG 26...16 / AWG 26...16 | 1.5 / AWG 26...16 / AWG 26...16 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 4 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection | Rated connection |
| Solid / stranded | mm² | 0.2...1.5 / 0.2...1.5 | 0.2...1.5 / 0.2...1.5 |
| Flexible / Flexible with ferrule | mm² | 0.2...1.5 / 0.2...1.5 | 0.2...1.5 / 0.2...1.5 |
| Twin wire-end ferrule | mm² | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | PRV 16 RT/WS Type | Qty. | Order No. | PRV 16 WS/RT Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Black for TS 35x15 | PRV 16 SW 35X15 RT/WS | 20 | 1173620000 | PRV 16 SW 35X15 WS/RT | 20 | 1173650000 |
| Blue for TS 35x15 | PRV 16 BL 35X15 RT/WS | 20 | 1267790000 | PRV 16 BL 35X15 WS/RT | 20 | 1267800000 |
| Black for TS 35x7.5 | PRV 16 SW 35X7.5 RT/WS | 20 | 1173680000 | PRV 16 SW 35X7.5 WS/RT | 20 | 1173710000 |
| Blue for TS 35x7.5 | PRV 16 BL 35X7.5 RT/WS | 20 | 1267810000 | PRV 16 BL 35X7.5 WS/RT | 20 | 1267820000 |
| **Note** | RT = red actuators<br>WS = white actuators | | | RT = red actuators<br>WS = white actuators | | |

## Accessories

| | PRV 16 RT/WS Type | Width | Qty. | Order No. | PRV 16 WS/RT Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **End plate** | | | | | | | | |
| black | | | | | | | | |
| blue | | | | | | | | |
| grey | | | | | | | | |
| **Marker holder** | | | | | | | | |
| Black for TS 35x15 | BZT PRV16 SW 35X15 | 10.2 mm | 20 | 1173540000 | BZT PRV16 SW 35X15 | 10.2 mm | 20 | 1173540000 |
| Blue for TS 35x15 | BZT PRV16 BL 35X15 | 10.2 mm | 20 | 1267930000 | BZT PRV16 BL 35X15 | 10.2 mm | 20 | 1267930000 |
| Black for TS 35x7.5 | BZT PRV16 SW 35X7.5 | 10.2 mm | 20 | 1173550000 | BZT PRV16 SW 35X7.5 | 10.2 mm | 20 | 1173550000 |
| Blue for TS 35x7.5 | BZT PRV16 BL 35X7.5 | 10.2 mm | 20 | 1267940000 | BZT PRV16 BL 35X7.5 | 10.2 mm | 20 | 1267940000 |
| **Partition plate** | | | | | | | | |
| Unprinted | TW PRV16 | 2 mm | 10 | 1173630000 | TW PRV16 | 2 mm | 10 | 1173630000 |
| Printed 0...3 or 0...7 or 0...15 | TW PRV16 0-15 | 2 mm | 10 | 1230130000 | TW PRV16 0-15 | 2 mm | 10 | 1230130000 |
| Printed 1...4 or 1...8 or 1...16 | TW PRV16 1-16 | 2 mm | 10 | 1230120000 | TW PRV16 1-16 | 2 mm | 10 | 1230120000 |
| Printed A...D or A...H or A...P | TW PRV16 A-P | 2 mm | 10 | 1230140000 | TW PRV16 A-P | 2 mm | 10 | 1230140000 |
| **End bracket** | | | | | | | | |
| black | WEW 35/1 SW | 12 mm | 50 | 1162600000 | WEW 35/1 SW | 12 mm | 50 | 1162600000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Pluggable cross-connection** | | current | | | | current | | |
| 2-pole | SRC-I QV P | | 10 | 8870840000 | SRC-I QV P | | 10 | 8870840000 |

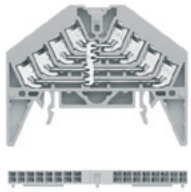
| | | PRV 16 RT/WS | PRV 16 WS/RT |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | WS 7.8/9.2 | WS 7.8/9.2 |
| **Note** | | | |

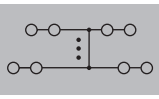
## PPV

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

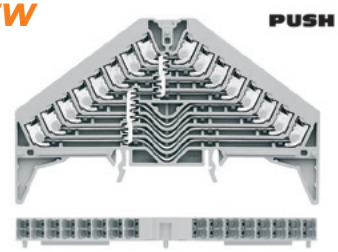
| | | PPV 4 — 1.5 mm² | PPV 8 — 1.5 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 9.2 x 70 x | 9.2 x 120 x |
| max. current / max. cond. cross-section | A/mm² | / 1.5 | / 1.5 |
| Max. clamping range | mm² | 0.2...1.5 | 0.2...1.5 |

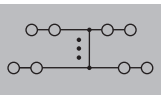
NEW — PUSH IN





NEW — PUSH IN





### Technical data

IEC 60947-7-1, DIN EN 60079

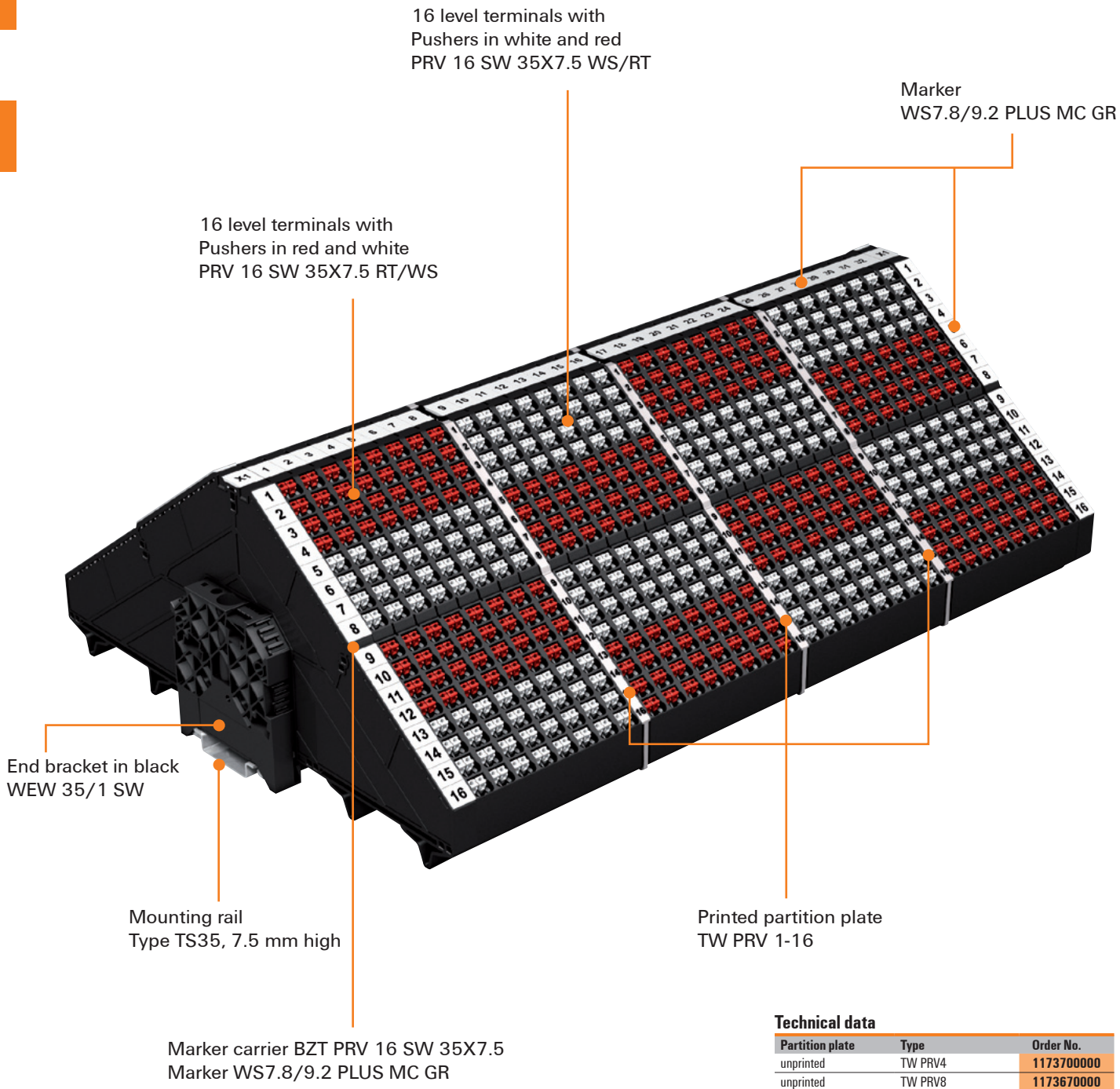
| Rated data | | PPV 4 IEC | PPV 4 UL | PPV 4 CSA | PPV 8 IEC | PPV 8 UL | PPV 8 CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) | 250 | 300 (D) | 300 (D) |
| Rated current | A | 17.5 | 10 (D) | 10 (D) | 17.5 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 1.5 | AWG 26...16 | AWG 26...16 | 1.5 | AWG 26...16 | AWG 26...16 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | | / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.2...1.5 / 0.2...1.5 | | | 0.2...1.5 / 0.2...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.2...1.5 / 0.2...1.5 | | | 0.2...1.5 / 0.2...1.5 | | |
| Twin wire-end ferrule | mm² | | | | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

### Ordering data

| Version | PPV 4 Type | Qty. | Order No. | PPV 8 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Blue for TS 35x15 | PPV 4 BL 35X15 DGR | 20 | 1267910000 | PPV 8 BL 35X15 DGR | 20 | 1267870000 |
| Grey for TS 35x15 | PPV 4 GR 35X15 DGR | 20 | 1173880000 | PPV 8 GR 35X15 DGR | 20 | 1173850000 |
| Blue for TS 35x7.5 | PPV 4 BL 35X7.5 DGR | 20 | 1267920000 | PPV 8 BL 35X7.5 DGR | 20 | 1267880000 |
| Grey for TS 35x7.5 | PPV 4 GR 35X7.5 DGR | 20 | 1173890000 | PPV 8 GR 35X7.5 DGR | 20 | 1173870000 |
| **Note** | DRG = dark grey actuators | | | DRG = dark grey actuators | | |

### Accessories

| End plate | PPV 4 Type | Width | Qty. | Order No. | PPV 8 Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| black | PAP PRV/PPV4 SW | 3 mm | 10 | 1173750000 | PAP PRV/PPV8 SW | 3 mm | 10 | 1173720000 |
| blue | PAP PRV/PPV4 BL | 3 mm | 10 | 1268010000 | PAP PRV/PPV8 BL | 3 mm | 10 | 1268000000 |
| grey | PAP PRV/PPV4 GR | 3 mm | 10 | 1211450000 | PAP PRV/PPV8 GR | 3 mm | 10 | 1211460000 |
| **Marker holder** | | | | | | | | |
| Black for TS 35x15 | BZT PRV4 SW 35X15 | 10.2 mm | 20 | 1173590000 | BZT PRV8 SW 35X15 | 10.2 mm | 20 | 1173570000 |
| Blue for TS 35x15 | BZT PRV4 BL 35X15 | 10.2 mm | 20 | 1267980000 | BZT PRV8 BL 35X15 | 10.2 mm | 20 | 1267950000 |
| Black for TS 35x7.5 | BZT PRV4 SW 35X7.5 | 10.2 mm | 20 | 1173600000 | BZT PRV8 SW 35X7.5 | 10.2 mm | 20 | 1173580000 |
| Blue for TS 35x7.5 | BZT PRV4 BL 35X7.5 | 10.2 mm | 20 | 1267990000 | BZT PRV8 BL 35X7.5 | 10.2 mm | 20 | 1267970000 |
| **Partition plate** | | | | | | | | |
| Unprinted | TW PRV4 | 2 mm | 10 | 1173700000 | TW PRV8 | 2 mm | 10 | 1173670000 |
| Printed 0...3 or 0...7 or 0...15 | TW PRV4 0-3 | 2 mm | 10 | 1230060000 | TW PRV8 0-7 | 2 mm | 10 | 1230090000 |
| Printed 1...4 or 1...8 or 1...16 | TW PRV4 1-4 | 2 mm | 10 | 1230050000 | TW PRV8 1-8 | 2 mm | 10 | 1230080000 |
| Printed A...D or A...H or A...P | TW PRV4 A-D | 2 mm | 10 | 1230070000 | TW PRV8 A-H | 2 mm | 10 | 1230110000 |
| **End bracket** | | | | | | | | |
| black | ZEW 35/2 SW | 8 mm | 20 | 1162610000 | ZEW 35/2 SW | 8 mm | 20 | 1162610000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Pluggable cross-connection** | | current | | | | current | | |
| 2-pole | SRC-I QV P | | 10 | 8870840000 | SRC-I QV P | | 10 | 8870840000 |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | |
| Marking tags | WS 7.8/9.2 | | | | WS 7.8/9.2 | | | |
| **Note** | | | | | | | | |




## 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 |

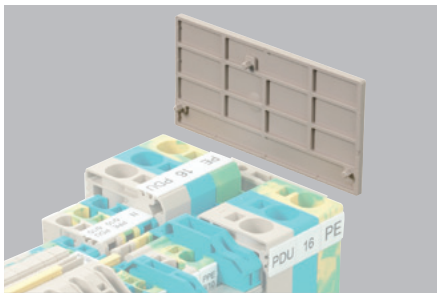
# Extra functions

## Introduction

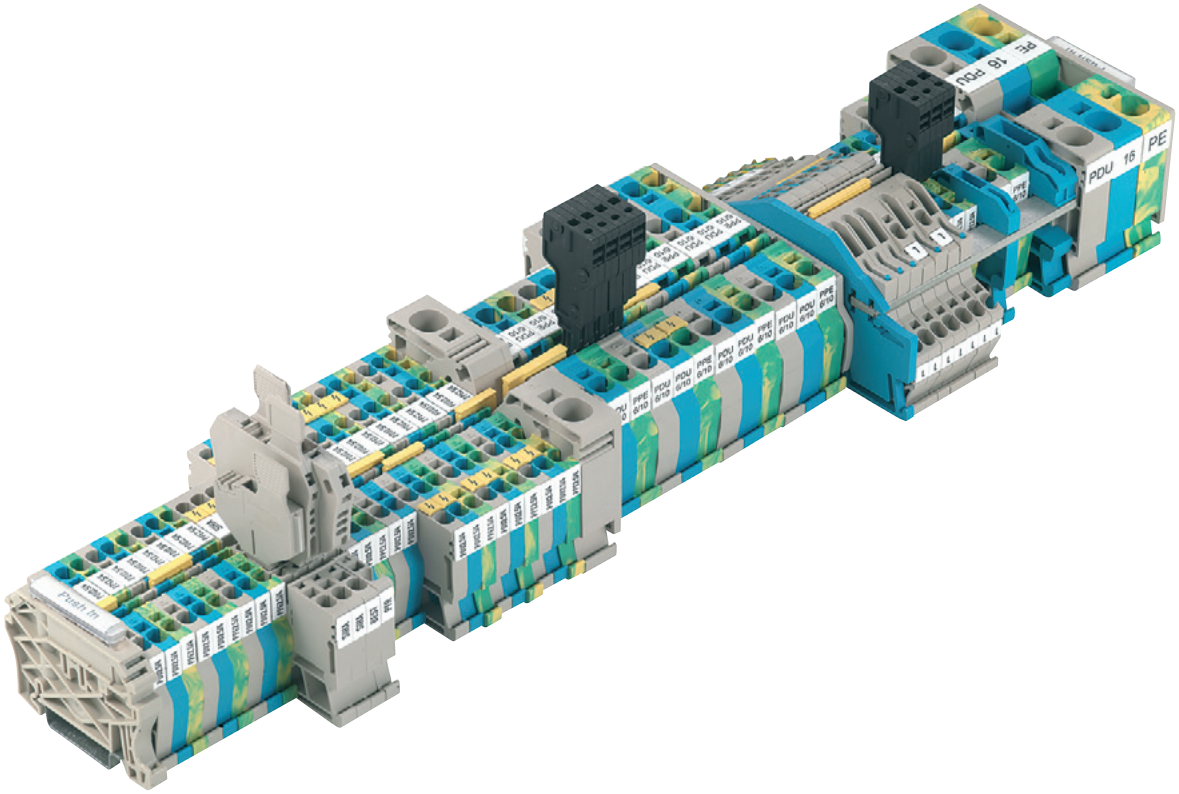
The accessories for our other ranges of modular terminals can also be used with the P-Series in order to reduce the number of variations. The use of accessories enables users to adapt and mould the terminals, to perfectly match the needs of their application.
All Weidmüller accessories are built to the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

## Retaining and end plates

Page B.46

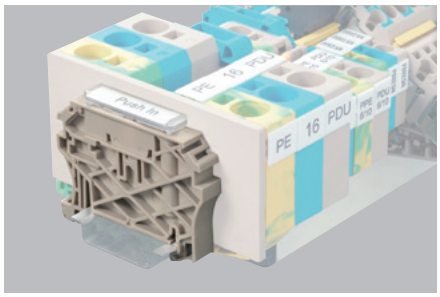



End plates cover the open side of the terminals. This ensures touch protection for fingers and hands. Retaining plates, which for the P-Series also function as end plates, must be positioned every 200 mm when using the 10 x 3 busbar.



### Fastening

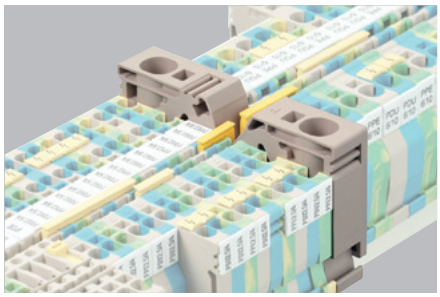
Chapter F




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

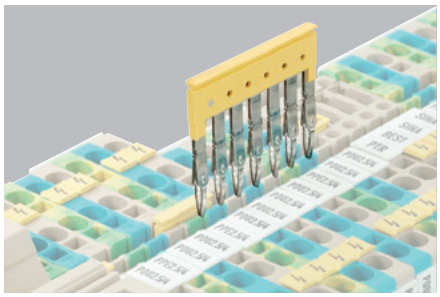
Page B.47



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 mm² conductor carries the incoming supply, which is distributed to the neighbouring terminals with cross-sections from 0.5 to 10 mm².

### Electrical distribution

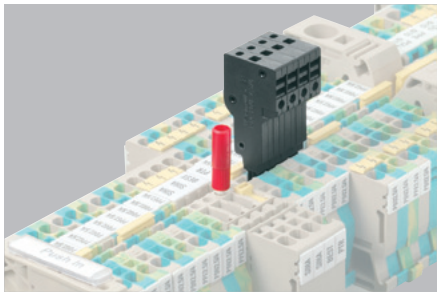
Page B.48



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

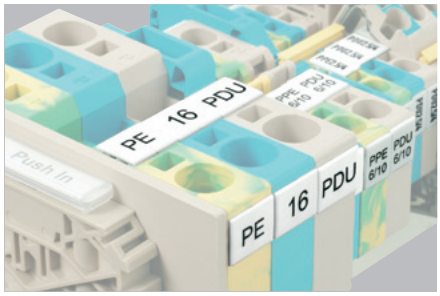
Page B.50



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

Page B.50



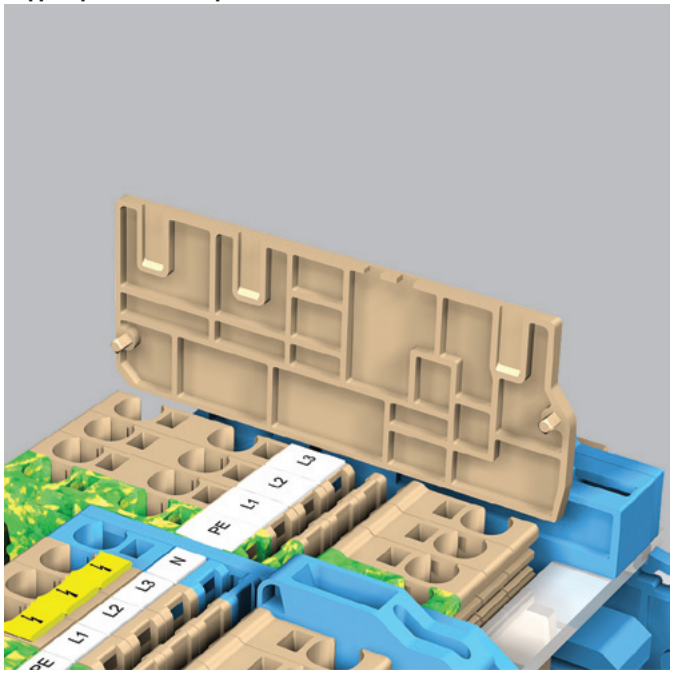

Weidmüller's identification systems in **chapter F** are used to mark PUSH IN technology terminals. Individual terminals, groups of terminals and cables or conductors can be marked. Marker strips are available for every size of terminal, which means that several terminals can be marked together.

### Connecting

Page B.53

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: |
|---|---|---|---|---|
| **Width 3 mm** | | | | |
| PAP PRV/PPV8 SW | black | 10 | 1173720000 | PRV 8 |
| PAP PRV/PPV8 GR | grey | 10 | 1211460000 | PPV 8 |
| **Width 3 mm** | | | | |
| 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 | |
| **Width 3 mm** | | | | |
| 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 |
| **Width 3 mm** | | | | |
| 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 |
| **Width 3 mm** | | | | |
| 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 |
| **Width 2.7 mm** | | | | |
| PAP PDU16S | dark beige | 10 | 1139910000 | PDU 16S |
| | | | | PPE 16S |
| **Width 1 mm** | | | | |
| PAP PMAK 4 | dark beige | 20 | 1221360000 | PMAK 4 |
| **Width 3 mm** | | | | |
| PAP 16 | dark beige | 10 | 1896290000 | PDU 16 |
| | | | | PDU 16 BL |
| | | | | PPE 16 |
| **Width 3 mm** | | | | |
| 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 |
| **Width 3 mm** | | | | |
| PAP PDU6/10/3AN | dark beige | 20 | 1896340000 | PDU 6/10 3AN |
| | | | | PDU 6/10 3AN BL |
| **Width 3 mm** | | | | |
| PAP PTR2.5/4 | dark beige | 20 | 1934680000 | PTR2.5/4 |
| | | | | PTR 2.5/4 O TNHE |
| **Width 3 mm** | | | | |
| PAP PTR2.5/4/3AN | dark beige | 20 | 1934690000 | PTR 2.5/4 3AN |
| | | | | PTR 2.5/4 3AN O TNHE |
| **Width 3 mm** | | | | |
| PAP PTR2.5/4/4AN | dark beige | 20 | 1934700000 | PTR 2.5/4 4AN |
| | | | | PTR 2.5/4 4AN O TNHE |
| **Width 3 mm** | | | | |
| 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 |
| **Width 3 mm** | | | | |
| 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 O TNHE |
| | | | | PDL 4/TR/DU/PE O TNHE |
| **Width 3 mm** | | | | |
| PAP PDL4S | dark beige | 20 | 1837070000 | PDL4 S/NT/L/PE |
| | | | | PDL4 S/L/L |
| | | | | PDL 4 S/L |
| | | | | PDL4 S/N/L/PE |
| | | | | PDL 4 S/N/L |
| | | | | PDL 4 S/N |
| | | | | PDL4 S/L/L/PE |
| **Width 3 mm** | | | | |
| PHP PNT 2.5/4 | blue | 20 | 1896390000 | PNT 2.5/4 |
| PHP PNT 2.5/4 SO* | blue | 20 | 1916790000 | |
| **Width 3 mm** | | | | |
| PHP PNT 6/10 | blue | 10 | 1896100000 | PNT 6/10 |
| PHP PNT 6/10 SO* | blue | 10 | 1919710000 | |
| **Width 3 mm** | | | | |
| PHP PNT16 | blue | 10 | 1896380000 | PNT 16 |
| PHP PNT16 SO* | blue | 10 | 1919690000 | |
| **Width 3 mm** | | | | |
| 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

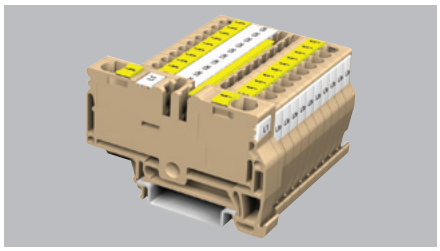
### Feeding with standard terminals

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

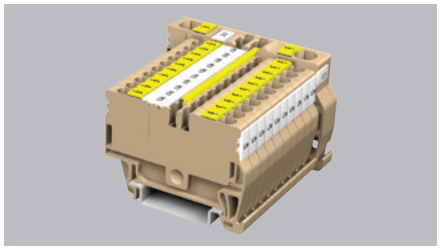
### Feed options and cross-connections to be used

| 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 | PDK 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/... | | • |

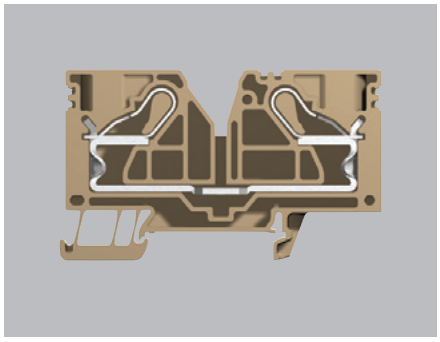
### Left-hand feed



### Right-hand feed



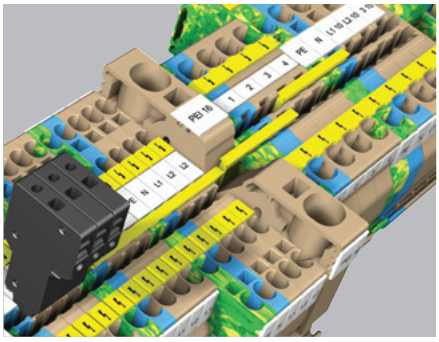
### Feed terminal PEI 16



A supply cable with a cross-section of up to 25 mm² 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.

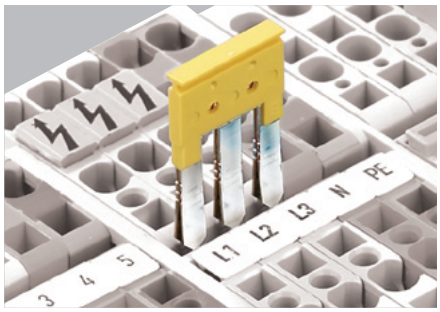
### Output possible on left and right



### 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)

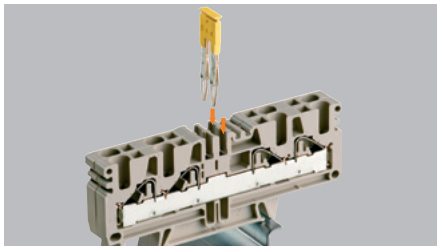
These versions come with complete shock protection.

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

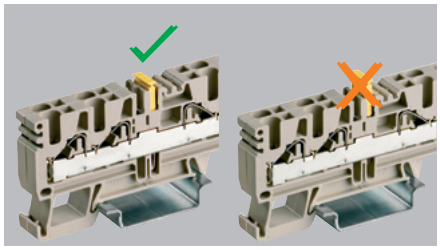
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

## Fitting and changing cross-connections

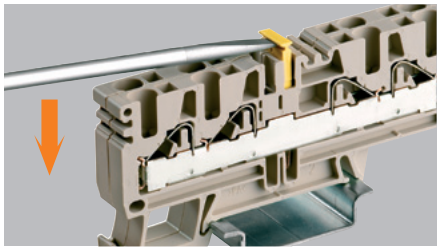


The fitting and changing of cross-connections is a trouble-free and fast operation:

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

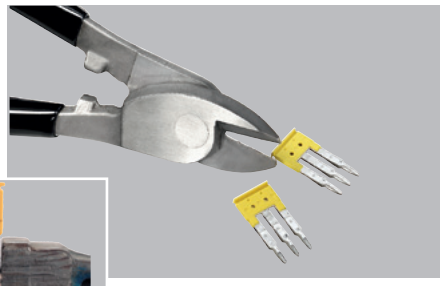


... and press it fully home. (The cross-connection may not project from the channel.)



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

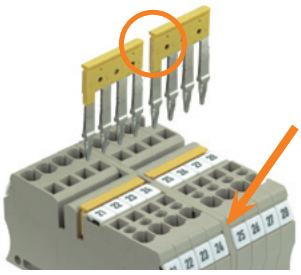
## Shortening cross-connections



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.

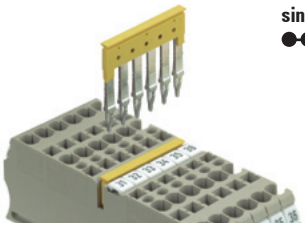
**Caution:**
Contact elements must not be deformed!

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).

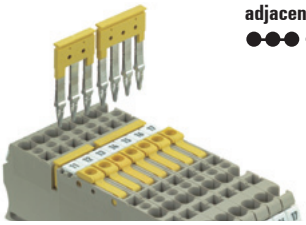


## Possible combinations

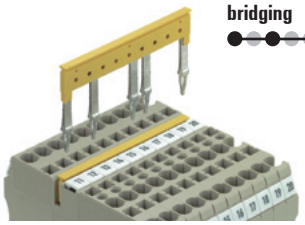
### In one cross-connection channel



single

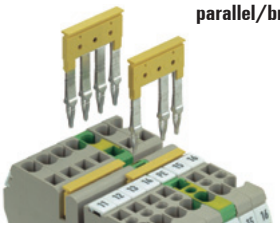


adjacent

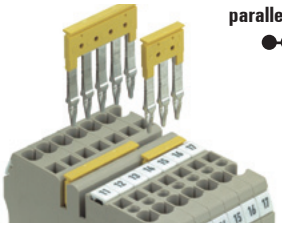


bridging

### In two cross-connection channels



parallel/bridging



parallel lengthening / chain bridge

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

| Terminal type<br>Standard terminals | Cross-connection | single | adjacent | bridging | parallel bridging | chain bridge parallel/lengthening |
|---|---|---|---|---|---|---|
| **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

| Technical data | |
|---|---|
| Rated current | A |

| Ordering data | | | |
|---|---|---|---|
| | | Type | Qty. | Order No. |
| 2-pole | | ZQV 2.5/2 | 60 | 1608860000 |
| 3-pole | | ZQV 2.5/3 | 60 | 1608870000 |
| 4-pole | | ZQV 2.5/4 | 60 | 1608880000 |
| 5-pole | | ZQV 2.5/5 | 20 | 1608890000 |
| 6-pole | | ZQV 2.5/6 | 20 | 1608900000 |
| 7-pole | | ZQV 2.5/7 | 20 | 1608910000 |
| 8-pole | | ZQV 2.5/8 | 20 | 1608920000 |
| 9-pole | | ZQV 2.5/9 | 20 | 1608930000 |
| 10-pole | | ZQV 2.5/10 | 20 | 1608940000 |
| 20-pole | | ZQV 2.5/20 | 20 | 1908960000 |

24 / 24

**For terminal:**

PDL 4 ...
PDL 4S ...
PDU 2.5/4 ...
PDIC 2.5/4

### ZQV 6 N

57

| Type | Qty. | Order No. |
|---|---|---|
| ZQV 6N/2 | 60 | 1906210000 |
| ZQV 6N/3 | 60 | 1906220000 |
| ZQV 6N/4 | 60 | 1906230000 |
| ZQV 6N/20 | 20 | 1906240000 |

**For terminal:**

PDU 6/10
PDU 6/10 3AN
PNT 6/10

### ZQV 16/2

76 / 76

| Type | Qty. | Order No. |
|---|---|---|
| ZQV 16/2 | 25 | 1739690000 |

**For terminal:**

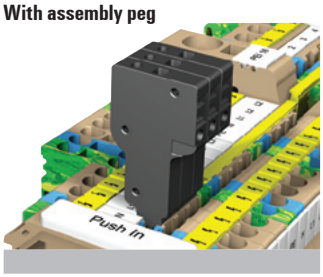
PDU 16

## 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 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

## PTA

**With assembly peg**




| | | |
|---|---|---|
| **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 | mm² | 1.5 |
| **Clamped conductors (H05V/H07V)** | | |
| solid / stranded | mm² | 0.5...1.5 |
| flexible / flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 |

| **Ordering data** | | |
|---|---|---|
| | | 1-pole |
| | | With snap-in pegs |

| Type | Qty. | Order No. |
|---|---|---|
| PTA PDU2.5/4 | 25 | 1916180000 |
| PTA ZA PDU2.5/4 | 25 | 1916190000 |

**For terminal:**

PDU 2.5/4

## 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

## PRH 2.5/4

**Reducing sleeves**

| **Technical data** | |
|---|---|
| Product type | Reducing sleeve |
| **Ordering data** | |
| For conductor 0.5 mm², grey | |
| For conductor 1 mm², dark grey | |

| 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.

## PAD

| **Technical data** | |
|---|---|
| Product type | end plate and intermediate plate |
| **Ordering data** | |
| Terminal width, 5.1 mm | |
| Terminal width, 8 mm | |
| Terminal width, 12 mm | |

| Type | Qty. | Order No. |
|---|---|---|
| PAD 2.5/4/4 | 80 | 1916150000 |
| PAD 6/10/4 | 80 | 1916160000 |
| PAD 16/4 | 80 | 1916170000 |

**For terminal:**

PDU 2.5/4 ...
PTR 2.5/4 ...
PDK 2.5/4 ...
PDU 6/10 ...
PDU 16 ...

## 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.

## BZT 1/BZT 2

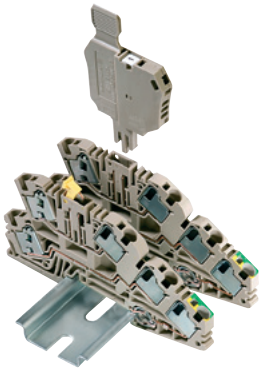
| **Technical data** | |
|---|---|
| Product type | Marker holder |
| **Ordering data** | |
| One-sided, without peg | |
| One-sided, with peg | |
| Two-sided without pin | |
| Two-sided, with pin | |

| 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



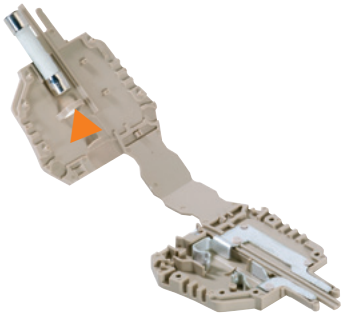
**For 5 x 20 G-fuse cartridges**
The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

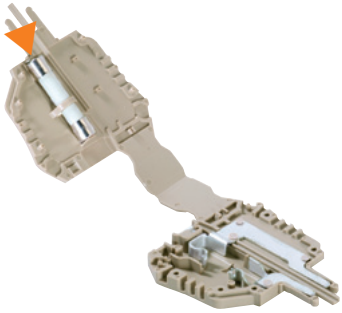
Better: order the PDL 4... OTNHE and insert the SIHA immediately.

- Simple handling without tools
- Housing made of Wemid (V0)
- Rated current 6.3 A
- Even fits on 5 mm wide terminals when fitted in offset arrangement

**1.** Open fuse holder with fingers or screwdriver.



**2.** Press out old fuse.



**3.** Position new fuse.

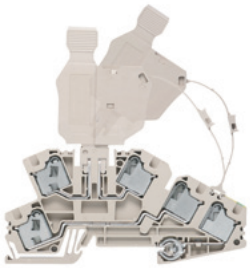
**4.** Press fuse holder together again with fingers or screwdriver.

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

## 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** | | | |
| PTR 2.5/4... | | | |
| PDL 4 TR/... | | | |

## SIHA STRAP



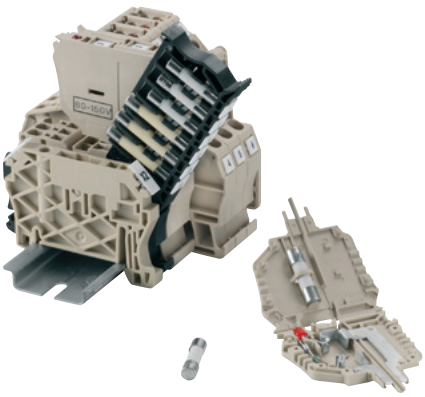
| | Qty. | Order No. |
|---|---|---|
| with strap | | |
| SIHA STRAP | | |
| | 20 | **9537680000** |

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

**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 |
| **PTR 2.5/4...** | Single | 4.0 W | 6.3 A | 1.6 W | 6.3 A |
| | Group | 1.6 W | 6.3 A | | |
| **PDL 4 TR/...** | Single | 1.6 W | 6.3 A | 1.6 W | 6.3 A |
| **und SIHA 3** | Group | 1.6 W | 6.3 A | | |

## 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 |

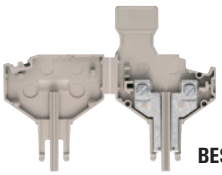
## Component isolating plugs

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



BEST

### 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 mm² | PZ 6 Roto | 1 |
| Stripping tool for up to 6 mm² | 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 mm² | PZ 16 | 1 |
| Stripping tool for up to 6 mm² | 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 |

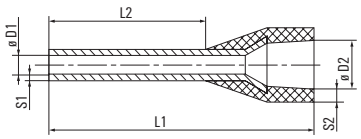
### Technical data

| | |
|---|---|
| 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 mm2 (AWG 26-300MCM)
Material: E-Cu, tin galvanised
Dimensional tolerance acc. to DIN 46228 sect. 4

### Weidmüller colour code

**packed loose**

### Ordering data

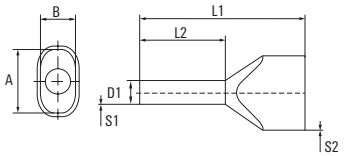
| Type | ø mm² | AWG | L1 | L2 | D1 | D2 | S1 | S2 | Stripping length | Colour | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H0.25/12 | 0.25 | 24 | 12.0 | 8.0 | 0.8 | 1.8 | 0.15 | 0.25 | 10.0 | light blue | 500 | 9025760000 |
| H0.34/12 | 0.34 | 22 | 12.0 | 8.0 | 0.8 | 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 mm² | 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 |



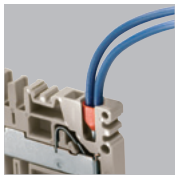

- EPolypropylene conical cable entry
- Heat-resistant up to 105 °C
- Cable entry made from non-flammable material on request

For conductors each at 2 x 0.5 – 2 x 16 mm2 (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

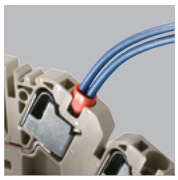
| Type | ø mm² | AWG | L1 | L2 | D1 | D2 | S1 | S2 | Stripping length | Colour | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H0.5/15 | 0.50 | 20 | 15.0 | 8.0 | 1.4 | | 0.15 | 0.3 | 11.0 | orange | 500 | 9037200000 |
| H0.5/16.5 | 0.50 | 20 | 16.0 | 10.0 | 1.4 | | 0.15 | 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**

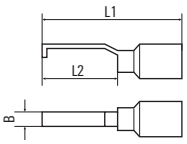


### Ordering data

| Type | ø mm² | 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 | ø mm² | 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

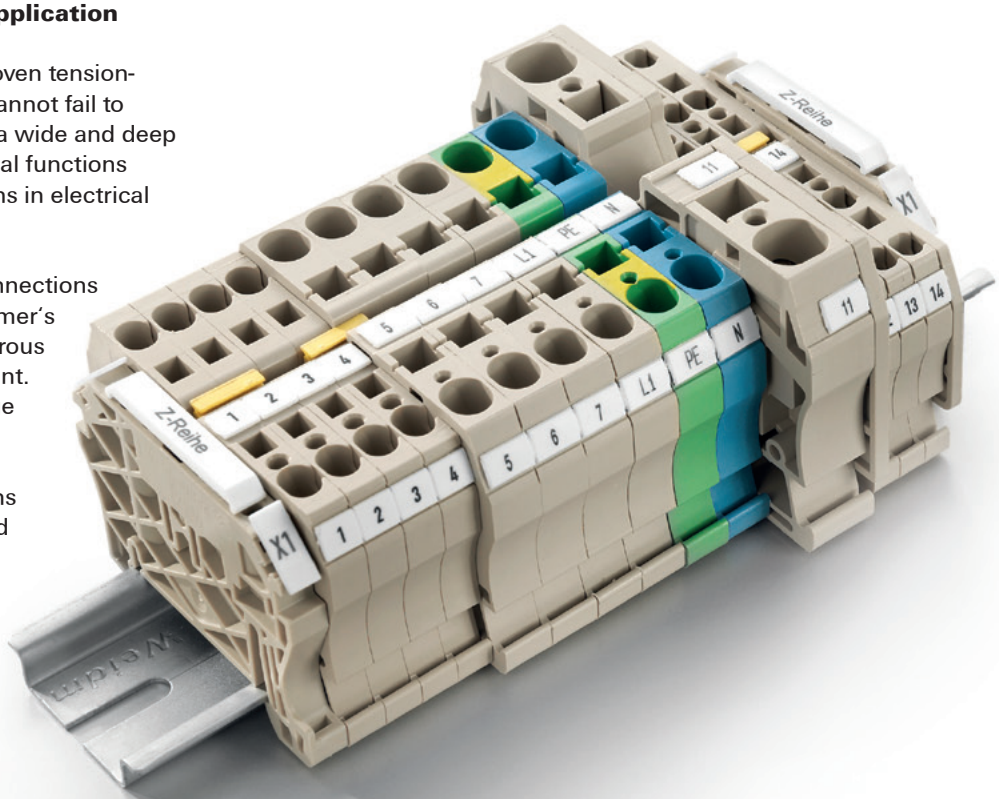

| | | |
|---|---|---|
| **Terminals, Z-Series** | Overview Z-Series | C.2 |
| | Feed-through terminals | C.4 |
| | Double- / Multi-level terminals | C.20 |
| | Motor-connect terminal blocks | C.34 |
| | PE terminals | C.36 |
| | Fuse terminals | C.54 |
| | Test-disconnect terminals | C.66 |
| | Earth 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 |

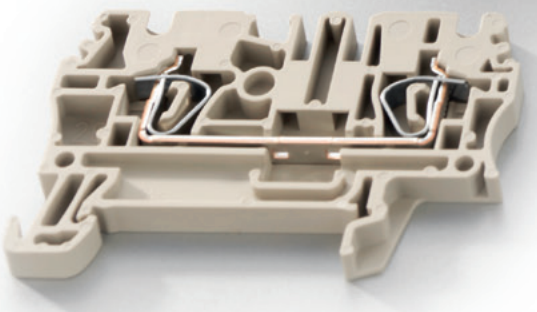
# A broad line of terminal block products with tension-clamp wire connection

### A proven solution for every application

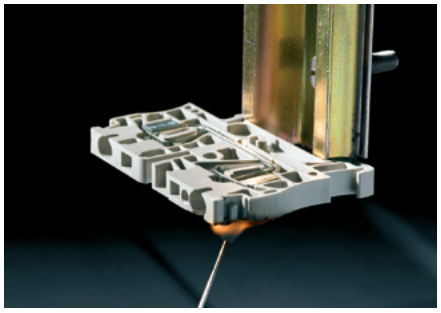
The terminal blocks with their proven tension-clamp wire connection system, cannot fail to impress, with their small design, a wide and deep product range and many additional functions and accessories for all applications in electrical cabinet construction.

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.

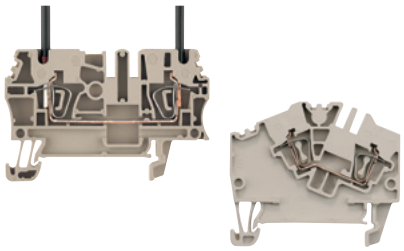


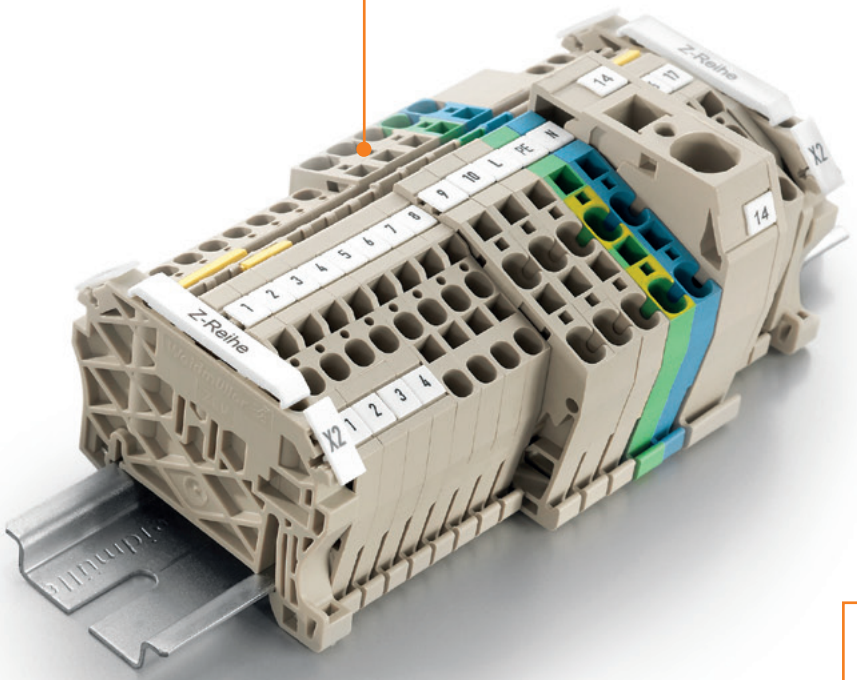
**Wemid insulating material**
- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- High UL94 flammability class V0
- Contains no halogen or phosphorous

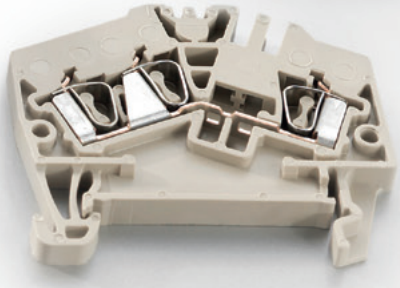


**Designs**
Z-Standard with wire cross sections from 0.05 to 35 mm² and TOP entry wire insertion parallel to the screwdriver actuators. Z-Roof with wire cross sections from 0.13 to 16 mm², dimensions reduced by up to 36 % and oblique operation direction.

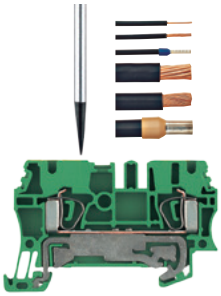


**Safe, thanks to the clarity**
Easy to use thanks to the large clamping space for the wire connections from 0.08 to 35 mm², only one wire can be connected in each clamping unit.

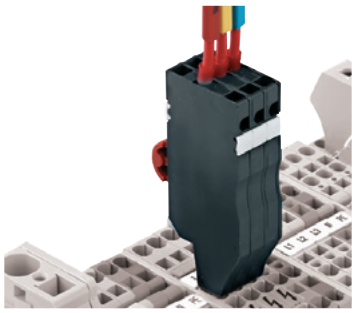


**Simple operation**
The practical connection aligns the wire insertion direction and the screwdriver operating points, creating a TOP connection system for which no special tools are needed and which comes with an integrated test point.



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

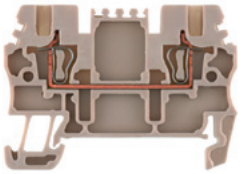
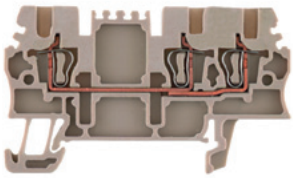


**Contact security**
The products have maintenance-free connections for a life-long secure contact. They are 100 % shock and vibration proof.

## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZDU 1.5 — 1.5 mm² | ZDU 1.5/3 AN — 1.5 mm² |
|---|---|---|---|
| | | Two connections | Three connections |
| | |  |  |
| Width/Length/Height of lowest version | mm | 3.5 x 51.5 x 37 | 3.5 x 63.5 x 37 |
| max. current / max. cond. cross-section | A/mm² | **17.5 / 1.5** | **17.5 / 1.5** |
| Max. clamping range | mm² | **0.05...1.5** | **0.05...1.5** |

## Technical data

| Rated data | | ZDU 1.5 | ZDU 1.5/3 AN |
|---|---|---|---|
| | | IEC 60947-7-1 — Ex e II — II 2 G D | IEC 60947-7-1 — Ex e II — II 2 G D |
| | | IEC / UL / CSA / EN 60079-7 | IEC / UL / CSA / EN 60079-7 |
| Rated voltage | V | 500 / 300 (C) / 300 (C) / 550 | 500 / 300 (C) / 300 (C) / 550 |
| Rated current | A | 17.5 / 15 (C) / 20 (C) / 15 | 17.5 / 15 (C) / 20 (C) / 15 |
| Rated cross-section | mm² | 1.5 / AWG 26...14 / AWG 26...14 / 1.5 | 1.5 / AWG 26...14 / AWG 26...14 / 1.5 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B1 / V-0 | B1 / V-0 |
| Approvals | | KEMA 01ATEX2106 U | KEMA 01ATEX2106 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...1.5 | 0.5...1.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.4 x 2.0 mm | 10 / 0.4 x 2.0 mm |
| **Note** | | | |

## Ordering data

| Version | ZDU 1.5 — Type | Qty. | Order No. | ZDU 1.5/3AN — Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 1.5 | 100 | **1775480000** | ZDU 1.5/3AN | 100 | **1775530000** |
| Blue Wemid | ZDU 1.5 BL | 100 | **1775490000** | ZDU 1.5/3AN BL | 100 | **1775540000** |
| **Note** | | | | | | |

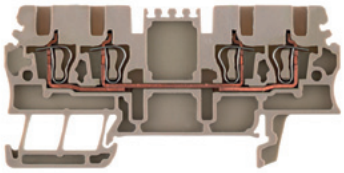
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 1.5/2 | 17.5 A | 60 | **1776120000** | ZQV 1.5/2 | 17.5 A | 60 | **1776120000** |
| 3-pole | ZQV 1.5/3 | 17.5 A | 60 | **1776130000** | ZQV 1.5/3 | 17.5 A | 60 | **1776130000** |
| 4-pole | ZQV 1.5/4 | 17.5 A | 60 | **1776140000** | ZQV 1.5/4 | 17.5 A | 60 | **1776140000** |
| 10-pole | ZQV 1.5/10 | 17.5 A | 20 | **1776200000** | ZQV 1.5/10 | 17.5 A | 20 | **1776200000** |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDU1.5/2AN | 2 mm | 20 | **1776030000** | ZAP/TW ZDU1.5/3AN | 2 mm | 20 | **1776060000** |
| Blue Wemid | ZAP/TW ZDU1.5/2AN BL | 2 mm | 20 | **1776040000** | ZAP/TW ZDU1.5/3AN BL | 2 mm | 20 | **1776070000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 5 | 3.5 mm | 25 | **1776210000** | ZTA 5 | 3.5 mm | 25 | **1776210000** |
| With assembly peg | ZTA 5/ZA | 3.5 mm | 25 | **1776220000** | ZTA 5/ZA | 3.5 mm | 25 | **1776220000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.4X2.0X60 | | 1 | **9037160000** | SDS 0.4X2.0X60 | | 1 | **9037160000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5S/1 | 4.55 mm | 500 | **1781950000** | ZRH 1.5S/1 | 4.55 mm | 500 | **1781950000** |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5S/2 | 4.55 mm | 500 | **1781960000** | ZRH 1.5S/2 | 4.55 mm | 500 | **1781960000** |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 7/4 | 4.3 mm | 20 | **1781940000** | 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 | DEK 5/3,5 / WS 12/3,5 |
| **Note** | | |

## ZDU 1.5/4 AN — 1.5 mm²

**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 |

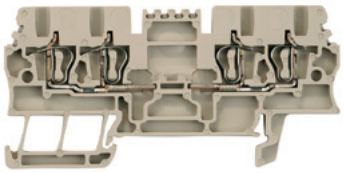
| Type | Qty. | Order No. |
|---|---|---|
| ZDU 1.5/4AN | 100 | 1775580000 |
| ZDU 1.5/4AN BL | 100 | 1775600000 |

| 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 |

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

## ZDU 1.5 2x2AN — 1.5 mm²

**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 |

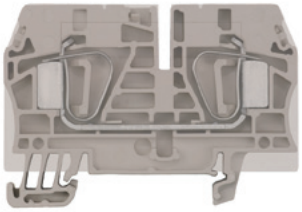
| Type | Qty. | Order No. |
|---|---|---|
| ZDU 1.5/2X2AN | 100 | 1826970000 |
| ZDU 1.5/2X2AN BL | 100 | 1826990000 |

| 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 |

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

## ZEI 6 — 6 mm²

**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. |
|---|---|---|
| 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 | | |
| 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 8 / WS 12/6

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

## Standard form

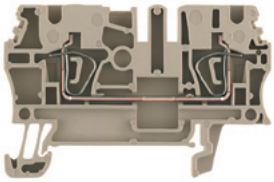
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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/mm² |
| Max. clamping range | mm² |

## ZDU 2.5 — 2.5 mm²

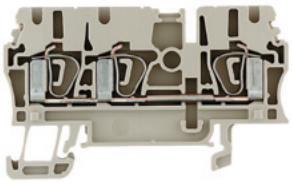
**Two connections**



| | |
|---|---|
| 5.1 x 59.5 x 39.5 | |
| **31 / 4** | |
| **0.05...4** | |

## ZDU 2.5/3AN — 2.5 mm²

**Three connections**



| | |
|---|---|
| 5.1 x 64.5 x 39.5 | |
| **31 / 4** | |
| **0.05...4** | |

## Technical data

| Rated data | | ZDU 2.5 | | | | ZDU 2.5/3AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 24 | 25 (C) | 27 (C) | 21 | 24 | 25 (C) | 27 (C) | 21 |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A3 / V-0 | | | |
| Approvals | | KEMA 97ATEX2521 U | | | | KEMA 97ATEX2521 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 | | | | 0.5...4 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | | 0.5...4 / 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | ZDU 2.5 Type | Qty. | Order No. | ZDU 2.5/3AN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 2.5 | 100 | 1608510000 | ZDU 2.5/3AN | 100 | 1608540000 |
| Blue Wemid | ZDU 2.5 BL | 100 | 1608520000 | ZDU 2.5/3AN BL | 100 | 1608550000 |
| **Note** | The rated voltage is reduced to 400 V when using the cross-connection. | | | The rated voltage is reduced to 400 V when using the cross-connection. | | |

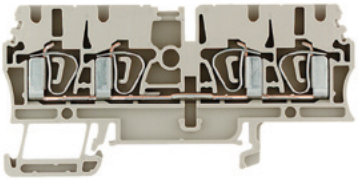
## Accessories

| Pluggable cross-connection | ZDU 2.5 Type | current | Qty. | Order No. | ZDU 2.5/3AN Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW 1 | 2 mm | 50 | 1608740000 | ZAP/TW 2 DB | 2 mm | 50 | 1608770000 |
| Blue Wemid | ZAP/TW 1 BL | 2 mm | 50 | 1608750000 | ZAP/TW 2 BL | 2 mm | 50 | 1608780000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 1 | 5.1 mm | 25 | 1609040000 | ZTA 1 | 5.1 mm | 25 | 1609040000 |
| With assembly peg | ZTA 1/ZA | 5.1 mm | 25 | 1609050000 | ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 2.5/1 WS | 5.55 mm | 1000 | 1614300000 | ZRH 2.5/1 WS | 5.55 mm | 1000 | 1614300000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 2.5/2 GR/V0 | 5.55 mm | 1000 | 1614290000 | ZRH 2.5/2 GR/V0 | 5.55 mm | 1000 | 1614290000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 1/4 | 8 mm | 20 | 1609110000 | ZAD 1/4 | 8 mm | 20 | 1609110000 |

| Identification systems (see assortment in catalogue 7) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | | | | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | | | | | |

## ZDU 2.5/4AN — 2.5 mm²

**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 |

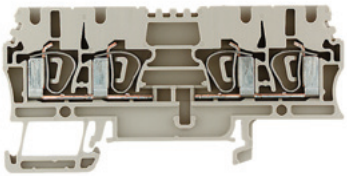
| Type | Qty. | Order No. |
|---|---|---|
| ZDU 2.5/4AN | 100 | 1608570000 |
| ZDU 2.5/4AN BL | 100 | 1608580000 |

| 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 |

DEK 5/5 / WS 10/5

## ZDU 2.5/2x2AN — 2.5 mm²

**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 2.5/2X2AN | 100 | 1608600000 |
| ZDU 2.5/2X2AN BL | 100 | 1608610000 |

| 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 |

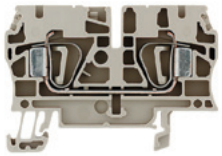
DEK 5/5 / WS 10/5

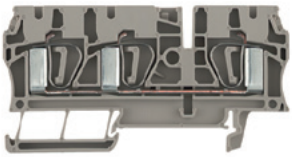
## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZDU 4 — 4 mm² | ZDU 4/3 AN — 4 mm² |
|---|---|---|---|
| | | Two connections | Three connections |
| Width/Length/Height of lowest version | mm | 6.1 x 62 x 43.5 | 6.1 x 83.5 x 43.5 |
| max. current / max. cond. cross-section | A/mm² | 41 / 6 | 41 / 6 |
| Max. clamping range | mm² | 0.13...6 | 0.13...6 |





## Technical data

| Rated data | | ZDU 4 | | | | ZDU 4/3 AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 32 | 33 (C) | 35 (C) | 28 | 32 | 33 (C) | 35 (C) | 28 |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | | A4 / V-0 | | | |
| Approvals | | KEMA 97ATEX2521 U | | | | KEMA 00ATEX2107 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 / 0.5...6 | | | | 0.5...6 / 0.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...6 / 0.5...4 | | | | 0.5...6 / 0.5...4 | | | |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | | | | 12 / 0.6 x 3.5 mm | | | |
| **Note** | | When using twin ferrules, the rated voltage is 690 V. | | | | When using twin ferrules, the rated voltage is 690 V. | | | |

## Ordering data

| Version | ZDU 4 — Type | Qty. | Order No. | ZDU 4/3 AN — Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 4 | 100 | 1632050000 | ZDU 4/3AN | 50 | 7904180000 |
| Blue Wemid | ZDU 4 BL | 100 | 1632060000 | ZDU 4/3AN BL | 50 | 7904190000 |
| **Note** | | | | | | |

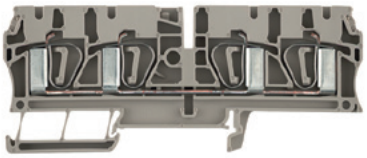
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 4/2 GE | 32 A | 60 | 1608950000 | ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| 3-pole | ZQV 4/3 GE | 32 A | 60 | 1608960000 | ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| 4-pole | ZQV 4/4 GE | 32 A | 60 | 1608970000 | ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| 10-pole | ZQV 4/10 GE | 32 A | 20 | 1609030000 | ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| 20-/24-pole | ZQV 4/20 GE | 32 A | 20 | 1909010000 | ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW 4 | 2 mm | 50 | 1632090000 | ZAP/TW 4/3AN | 2 mm | 20 | 7904100000 |
| Blue Wemid | ZAP/TW 4 BL | 2 mm | 50 | 1632100000 | ZAP/TW 4/3AN BL | 2 mm | 20 | 7904110000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 | ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| With assembly peg | ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 | ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 4/1 WS | 7.4 mm | 1000 | 1636640000 | ZRH 4/1 WS | 7.4 mm | 1000 | 1636640000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 4/2 | 7.4 mm | 1000 | 1636650000 | ZRH 4/2 | 7.4 mm | 1000 | 1636650000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 2/4 | 8.94 mm | 20 | 1609080000 | ZAD 2/4 | 8.94 mm | 20 | 1609080000 |

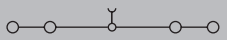
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/6 / WS 10/6 | DEK 5/6 / WS 12/6 |
| **Note** | | |

## ZDU 4/4 AN — 4 mm²

**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.

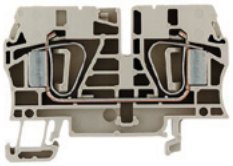
| Type | Qty. | Order No. |
|---|---|---|
| ZDU 4/4AN | 50 | 7904290000 |
| ZDU 4/4AN BL | 50 | 7904300000 |

| 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/TW4/4AN | 2 mm | 20 | 7904210000 |
| ZAP/TW4/4AN BL | 2 mm | 20 | 7904220000 |
| 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 |

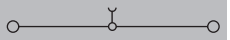
DEK 5/6 / WS 12/6

## ZDU 6 — 6 mm²

**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.

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

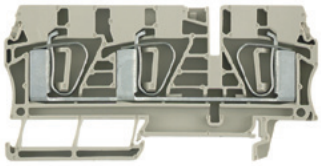
1000 V DC rated voltage tested.

| 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/TW 5 | 2 mm | 50 | 1608830000 |
| ZAP/TW 5 BL | 2 mm | 50 | 1608840000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |
| ZAD 3/4 | 10 mm | 20 | 1609120000 |

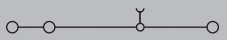
DEK 5/8 / WS 12/6

## ZDU 6/3 AN — 6 mm²

**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 6/3AN | 50 | 7907410000 |
| ZDU 6/3AN BL | 50 | 7907420000 |

| 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/TW6/3AN | 2 mm | 20 | 7907370000 |
| ZAP/TW6/3AN BL | 2 mm | 20 | 7907380000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |
| ZAD 3/4 | 10 mm | 20 | 1609120000 |

DEK 5/8 / WS 12/6

## Standard form

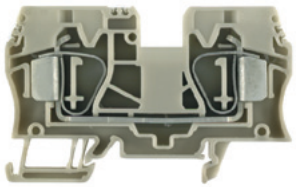
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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/mm² |
| Max. clamping range | mm² |

## ZDU 10 — 10 mm²

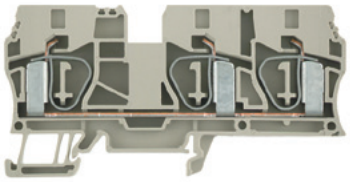
**Two connections**



| | |
|---|---|
| 10.1 x 73.5 x 50.5 | |
| **72 / 16** | |
| **1.31...16** | |

## ZDU 10/3AN — 10 mm²

**Three connections**



| | |
|---|---|
| 10.1 x 99 x 50.5 | |
| **57 / 16** | |
| **1.31...16** | |

## Technical data

| Rated data | | ZDU 10 | | | | ZDU 10/3AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | Ex e II II 2 G D | IEC 60947-7-1 | | | Ex e II II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 57 | 60 (C) | 55 (C) | 50 | 57 | 60 (C) | 55 (C) | 50 |
| Rated cross-section | mm² | 10 | AWG 16...6 | AWG 16...6 | 10 | 10 | AWG 16...6 | AWG 16...6 | 10 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A6 / V-0 | | | | A6 / V-0 | | | |
| Approvals | | KEMA 99ATEX5514 U | | | | KEMA 00ATEX2107 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 1.5...16 / 1.5...16 | | | | 1.5...16 / 1.5...16 | | | |
| Flexible / Flexible with ferrule | mm² | 1.5...10 / 1.5...10 | | | | 1.5...10 / 1.5...10 | | | |
| Stripping length / Blade size | mm/- | 18 / 1.0 x 5.5 mm | | | | 18 / 1.0 x 5.5 mm | | | |
| **Note** | | Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. | | | | Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. | | | |

## Ordering data

| Version | ZDU 10 Type | Qty. | Order No. | ZDU 10/3AN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 10 | 25 | 1746750000 | ZDU 10/3AN | 20 | 1767690000 |
| Blue Wemid | ZDU 10 BL | 25 | 1746760000 | ZDU 10/3AN BL | 20 | 1767700000 |
| **Note** | | | | | | |

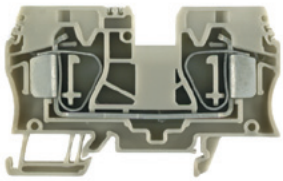
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 10/2 | 17.5 A | 25 | 1739680000 | ZQV 10/2 | 17.5 A | 25 | 1739680000 |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDU10 | 2.7 mm | 20 | 1748660000 | ZAP/TW 10/16 | 3 mm | 20 | 1749580000 |
| Blue Wemid | ZAP/TW ZDU10 BL | 2.7 mm | 20 | 1764110000 | ZAP/TW 10/16 BL | 3 mm | 20 | 1768520000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | | | | | | | | |
| With assembly peg | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | 1274680000 | SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | | | | | |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 4/5 | 12.48 mm | 20 | 1746730000 | ZAD 4/5 | 12.48 mm | 20 | 1746730000 |

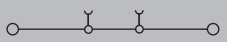
| Identification systems (see assortment in catalogue 7) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Marking tags | DEK 5/5 / WS 12/5 | | | | DEK 5/5 / WS 12/5 | | | |
| **Note** | | | | | | | | |

## ZDU 16 — 16 mm²

**Two connections**



12.1 x 82.5 x 51.5
**98 / 25**
**1.5...25**



IEC 60947-7-1 — Ex e II — II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 1000 | 600 (C) | 600 (C) | 550 |
| 76 | 65 (C) | 65 (C) | 66 |
| 16 | AWG 14...4 | AWG 14...4 | 16 |
| 8 kV / 3 | | | |
| A7 / V-0 | | | |

KEMA 99ATEX5514 U

| Rated connection |
|---|
| 1.5...16 / 1.5...25 |
| 1.5...16 / 1.5...16 |
| 18 / 1.0 x 5.5 mm |

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

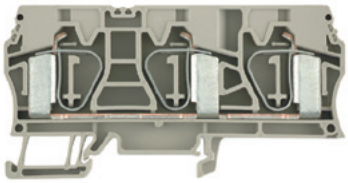
| Type | Qty. | Order No. |
|---|---|---|
| ZDU 16 | 25 | 1745230000 |
| ZDU 16 BL | 25 | 1745240000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 16/2 | 76 A | 25 | 1739690000 |
| | Width | | |
| ZAP/TW ZDU16 | 3 mm | 20 | 1745150000 |
| ZAP/TW ZDU16 BL | 3 mm | 20 | 1764100000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |
| ZAD 5/5 | 14.15 mm | 20 | 1745210000 |

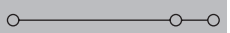
DEK 5/5 / WS 15/5

## ZDU 16/3 AN — 16 mm²

**Three connections**



12.1 x 99 x 51.5
**76 / 25**
**1.5...25**



IEC 60947-7-1 — Ex e II — II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 800 | 600 (C) | 600 (C) | 550 |
| 76 | 65 (C) | 65 (C) | 66 |
| 16 | AWG 14...4 | AWG 14...4 | 16 |
| 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 |

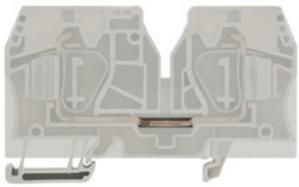
| Type | Qty. | Order No. |
|---|---|---|
| ZDU 16/3AN | 20 | 1768320000 |
| ZDU 16/3AN BL | 20 | 1768330000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | Width | | |
| ZAP/TW 10/16 | 3 mm | 20 | 1749580000 |
| ZAP/TW 10/16 BL | 3 mm | 20 | 1768520000 |
| 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

## ZEI 16 — 16 mm²

**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 | | |

| Rated connection |
|---|
| 1.5...16 / 1.5...25 |
| 1.5...16 / 1.5...16 |
| 18 / 1.0 x 5.5 mm |

| 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

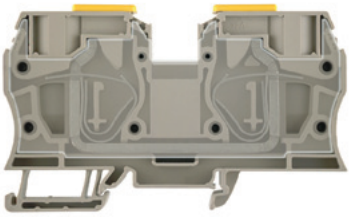
## Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

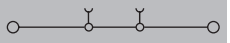
## ZDU 35 — 35 mm²

**Two connections**



| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

| | |
|---|---|
| 16 x 100.5 x 59.5 | |
| **125 / 35** | |
| **2.5...35** | |



## Technical data

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 125 | 120 (C) | 120 (C) | 109 |
| Rated cross-section | mm² | 35 | AWG 12...2 | AWG 12...2 | 35 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A8 / V-0 | | | |
| Approvals | | KEMA 00ATEX2107 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 2.5...16 / 2.5...35 | | | |
| Flexible / Flexible with ferrule | mm² | 2.5...35 / 2.5...35 | | | |
| Stripping length / Blade size | mm/- | 25 / 1.0 x 5.5 mm | | | |

IEC 60947-7-1 — Ex e II — II 2 G D

**Note**

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

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | ZDU 35 | 10 | **1739620000** |
| Blue Wemid | ZDU 35 BL | 10 | **1739630000** |

**Note**

Integrated end plate.

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 35/2 | 105 A | 10 | **1739700000** |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| 20-/24-pole | | | | |
| **End plate / Partition plate** | | | | |
| Dark beige Wemid | | | | |
| Blue Wemid | | | | |
| **End bracket** | | **Width** | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | |
| Standard | | | | |
| With assembly peg | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | |
| **Cover** | | | | |
| With lightning flash symbol | ZAD 6/5 | 18.74 mm | 20 | **1752620000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 15/5 | |

**Note**

## Roof-style

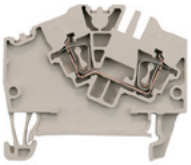
The compact terminal range for conductor cross-sections 0.13 to 16 mm².

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

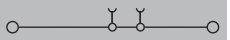
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZDU 2.5-2 — 2.5 mm²

**Two connections**

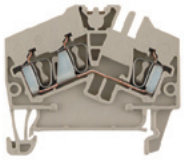


5.1 x 50.5 x 44
**24 / 4**
**0.13...4**

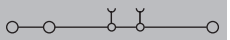


## ZDU 2.5-2/3AN — 2.5 mm²

**Three connections**



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



## Technical data

| Rated data | | ZDU 2.5-2 | | | | ZDU 2.5-2/3AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 24 | 24 (C) | 24 (C) | 21 | 24 | 20 (C) | 23 (C) | 21 |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 2.5 | AWG 26...12 | AWG 26...14 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | | A2 / V-0 | | | |
| Approvals | | KEMA 97ATEX4677 U | | | | KEMA 97ATEX4677 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 | | | | 0.5...4 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | | 0.5...2.5 / 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

## Ordering data

| Version | ZDU 2.5-2 Type | Qty. | Order No. | ZDU 2.5-2/3AN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 2.5-2 | 100 | 1772060000 | ZDU 2.5-2/3AN | 100 | 1706010000 |
| Blue Wemid | ZDU 2.5-2 BL | 100 | 1772070000 | ZDU 2.5-2/3AN BL | 100 | 1706040000 |
| **Note** | The rated voltage is reduced to 400 V when using the cross-connection. | | | The rated voltage is reduced to 400 V when using the cross-connection. | | |

## Accessories

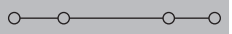
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW7 | 2.5 mm | 50 | 1706110000 | ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| Blue Wemid | ZAP/TW7 BL | 2.5 mm | 50 | 1706120000 | ZAP/TW7 BL | 2.5 mm | 50 | 1706120000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 4 | 5.1 mm | 25 | 1688110000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 1/4-2 GE | 8 mm | 20 | 1764560000 | ZAD 1/4-2 GE | 8 mm | 20 | 1764560000 |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 14/5 | DEK 5/5 / WS 14/5 |
| **Note** | The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000). | The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000). |

## ZDU 2.5-2/4AN — 2.5 mm²

**Four 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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty. | Order No. |
|---|---|---|
| ZDU 2.5-2/4AN | 100 | 1706060000 |
| ZDU 2.5-2/4AN BL | 100 | 1706070000 |

The wire cross section is decreased to 1.5 mm² when using the ZQB 2.5 for single core and finely stranded wires.

| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | 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 |
| | | | |
| | | | |

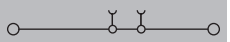
DEK 5/5 / WS 14/5

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

## ZDU 4-2 — 4 mm²

**Two connections**

6.1 x 61.5 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 4-2/2AN | 100 | 1770370000 |
| ZDU 4-2/2AN BL | 100 | 1770840000 |

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 |
| | | | |
| | | | |

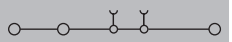
DEK 5/6 / WS 12/6

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

## ZDU 4-2/3AN — 4 mm²

**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 | 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 4-2/3AN | 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).

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

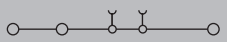
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZDU 4-2/3AN LSC — 4 mm²

**Three connections**

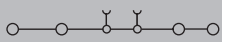
6.1 x 61.5 x 46
**38 / 6**
**0.13...6**



## ZDU 4-2/4AN — 4 mm²

**Four connections**

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



## Technical data

| Rated data | | ZDU 4-2/3AN LSC | | | | ZDU 4-2/4AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | Ex e II II 2 G D | IEC 60947-7-1 | | | Ex e II II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | | | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 32 | | | 28 | 32 | 33 (C) | 35 (C) | 28 |
| Rated cross-section | mm² | 4 | | | 4 | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A3 / V-0 | | | |
| Approvals | | KEMA 97ATEX4677 U | | | | KEMA 97ATEX4677 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 | | | | 0.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 0.5...4 / 0.5...4 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze frame. | | | | | | | |

## Ordering data

| Version | ZDU 4-2/3AN LSC Type | Qty. | Order No. | ZDU 4-2/4AN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 4-2/3AN LSC | 100 | 1790520000 | ZDU 4-2/4AN | 100 | 1806980000 |
| Blue Wemid | | | | ZDU 4-2/4AN BL | 100 | 1806990000 |
| **Note** | The rated voltage is reduced to 400 V when using the cross-connection. | | | The rated voltage is reduced to 400 V when using the cross-connection. | | |

## Accessories

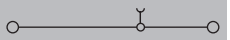
| Pluggable cross-connection | ZDU 4-2/3AN LSC Type | current | Qty. | Order No. | ZDU 4-2/4AN Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 4/2 GE | 32 A | 60 | 1608950000 | ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| 3-pole | ZQV 4/3 GE | 32 A | 60 | 1608960000 | ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| 4-pole | ZQV 4/4 GE | 32 A | 60 | 1608970000 | ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| 10-pole | ZQV 4/10 GE | 32 A | 20 | 1609030000 | ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| 20-/24-pole | ZQV 4/20 GE | 32 A | 20 | 1909010000 | ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP ZDU4-2 | 2 mm | 50 | 1770400000 | ZAP ZDU4-2/4AN | 2 mm | 50 | 1807010000 |
| Blue Wemid | ZAP ZDU4-2 BL | 2 mm | 50 | 1770880000 | ZAP ZDU4-2/4AN BL | 2 mm | 50 | 1807020000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 6/ZA | 6.1 mm | 25 | 1780660000 | ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | | | | | |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 1/4 | 8 mm | 20 | 1609110000 | ZAD 1/4 | 8 mm | 20 | 1609110000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/6 / WS 12/6 | DEK 5/6 / WS 12/6 |
| **Note** | | The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000). | |

## ZDU 6-2/2AN — 6 mm²

**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 |

| Type | Qty. | Order No. |
|---|---|---|
| ZDU 6-2/2AN | 50 | 1771380000 |
| ZDU 6-2/2AN BL | 50 | 1771390000 |

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

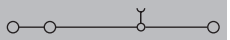
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| | Width | | |
| ZAP ZDU6-2 | 2 mm | 50 | 1771440000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SDIS SL 0.8X4.0X100 | | 1 | 1274670000 |

DEK 5/8

## ZDU 6-2/3AN — 6 mm²

**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 |

| Type | Qty. | Order No. |
|---|---|---|
| ZDU 6-2/3AN | 50 | 1771410000 |
| ZDU 6-2/3AN BL | 50 | 1771420000 |

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

| 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 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SDIS SL 0.8X4.0X100 | | 1 | 1274670000 |

DEK 5/8

## ZEI 16-2 /1 AN — 16 mm²

**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. |
|---|---|---|
| ZEI 16-2/1AN | 20 | 1772940000 |
| ZEI 16-2/1AN BL | 20 | 1772950000 |

Integrated end plate.

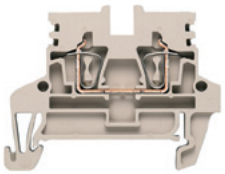
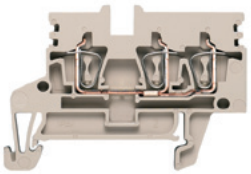
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| | Width | | |
| ZAP/Z...16-2/1AN | 2.5 mm | 10 | 1772970000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |

DEK 8

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

## Compact style

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

| | | ZDU 2.5N — 2.5 mm² | ZDU 2.5N/3AN — 2.5 mm² |
|---|---|---|---|
| | | 2 connections | 3 connections |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 50.5 x 39 | 5.1 x 56.5 x 39 |
| max. current / max. cond. cross-section | A/mm² | 24 / 4 | 24 / 4 |
| Max. clamping range | mm² | 0.05...4 | 0.05...4 |

## Technical data

| | | ZDU 2.5N | ZDU 2.5N/3AN |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 — II 2 G D | IEC 60947-7-1 — II 2 G D |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 800 / 300 (C) / 300 (C) | 800 / 300 (C) / 300 (C) |
| Rated current | A | 24 / 20 (C) / 24 (C) | 24 / 20 (C) / 24 (C) |
| Rated cross-section | mm² | 2.5 / AWG 30...12 / AWG 30...12 | 2.5 / AWG 30...12 / AWG 30...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...2.5 | 0.5...4 / 1.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |

## Ordering data

| Version | ZDU 2.5N — Type | Qty. | Order No. | ZDU 2.5N/3AN — Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 2.5N | 50 | 1933700000 | ZDU 2.5N/3AN | 50 | 1933720000 |
| Blue Wemid | ZDU 2.5N BL | 50 | 1933710000 | ZDU 2.5N/3AN BL | 50 | 1933730000 |
| **Note** | | | | | | |

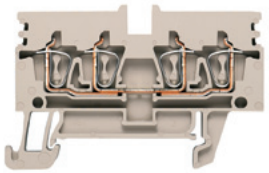
## Accessories

| | | ZDU 2.5N Type | current | Qty. | Order No. | ZDU 2.5N/3AN Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | | |
| 2-pole | | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | | **Width** | | | | **Width** | | |
| Dark beige Wemid | | ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 | ZAP/TW ZDU/ZPE 2.5N/3AN | 2 mm | 50 | 1933800000 |
| **End bracket** | | | | | | | | | |
| Dark beige Wemid | | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | | |
| Standard | | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| With assembly peg | | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Screwdriver** | | | | | | | | | |
| Standard | | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Cover** | | | | | | | | | |
| With lightning flash symbol | | ZAD 9/4 | 6 mm | 20 | 1934160000 | ZAD 9/4 | 6 mm | 20 | 1934160000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500). | 2.5 mm² 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 mm²

**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 mm² 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 | 1933740000 |
| ZDU 2.5N/4AN BL | 50 | 1933750000 |

| 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/4AN | 2 mm | 50 | 1933810000 |
| | | | |
| 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 |

DEK 5/5 / WS 10/5

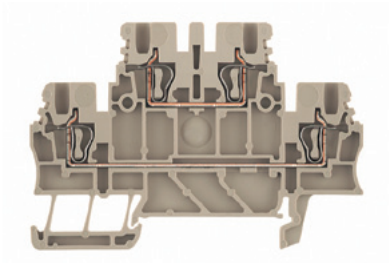
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500).

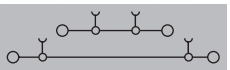
## Standard form

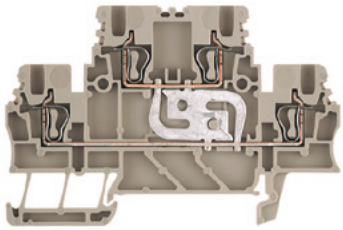
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZDK 1.5 — 1.5 mm² | ZDK 1.5V — 1.5 mm² |
|---|---|---|---|
| | | Double-level terminal | Vertically cross-connected double-level terminal |
| Width/Length/Height of lowest version | mm | 3.5 x 75.5 x 50 | 3.5 x 75.5 x 50 |
| max. current / max. cond. cross-section | A/mm² | **17.5 / 1.5** | **17.5 / 1.5** |
| Max. clamping range | mm² | **0.05...1.5** | **0.05...1.5** |







## Technical data

| Rated data | | ZDK 1.5 | ZDK 1.5V |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 500 / 300 (D) / 600 (C) | 500 / 300 (D) / 600 (C) |
| Rated current | A | 17.5 / 10 (D) / 10 (C) | 17.5 / 10 (D) / 10 (C) |
| Rated cross-section | mm² | 1.5 / AWG 28...16 / AWG 28...16 | 1.5 / AWG 28...16 / AWG 28...16 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B1 / V-0 | B1 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...1.5 | 0.5...1.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.4 x 2.0 mm | 10 / 0.4 x 2.0 mm |
| **Note** | | | |

## Ordering data

| Version | ZDK 1.5 — Type | Qty. | Order No. | ZDK 1.5V — Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDK 1.5 | 100 | **1791100000** | ZDK 1.5V | 100 | **1791130000** |
| Blue Wemid | ZDK 1.5 BL | 100 | **1791110000** | ZDK 1.5V BL | 100 | **1791140000** |
| **Note** | | | | | | |

## Accessories

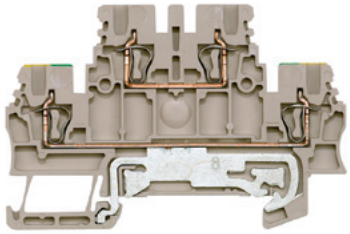
| Pluggable cross-connection | ZDK 1.5 — Type | current | Qty. | Order No. | ZDK 1.5V — Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 1.5-pole | | | | | | | | |
| 2-pole | ZQV 1.5/2 | 17.5 A | 60 | **1776120000** | ZQV 1.5/2 | 17.5 A | 60 | **1776120000** |
| 3-pole | ZQV 1.5/3 | 17.5 A | 60 | **1776130000** | ZQV 1.5/3 | 17.5 A | 60 | **1776130000** |
| 4-pole | ZQV 1.5/4 | 17.5 A | 60 | **1776140000** | ZQV 1.5/4 | 17.5 A | 60 | **1776140000** |
| 10-pole | ZQV 1.5/10 | 17.5 A | 20 | **1776200000** | ZQV 1.5/10 | 17.5 A | 20 | **1776200000** |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDK1.5 | 2 mm | 20 | **1791160000** | ZAP/TW ZDK1.5 | 2 mm | 20 | **1791160000** |
| Blue Wemid | ZAP/TW ZDK1.5 BL | 2 mm | 20 | **1791170000** | ZAP/TW ZDK1.5 BL | 2 mm | 20 | **1791170000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 5 | 3.5 mm | 25 | **1776210000** | ZTA 5 | 3.5 mm | 25 | **1776210000** |
| With assembly peg | ZTA 5/ZA | 3.5 mm | 25 | **1776220000** | ZTA 5/ZA | 3.5 mm | 25 | **1776220000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.4X2.0X60 | | 1 | **9037160000** | SDS 0.4X2.0X60 | | 1 | **9037160000** |
| With "swifty set" cutting device | | | | | | | | |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5S/1 | 4.55 mm | 500 | **1781950000** | ZRH 1.5S/1 | 4.55 mm | 500 | **1781950000** |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5S/2 | 4.55 mm | 500 | **1781960000** | ZRH 1.5S/2 | 4.55 mm | 500 | **1781960000** |

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

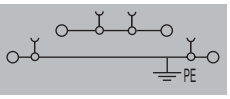
## ZDK 1.5 DU-PE

**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
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

## Standard form

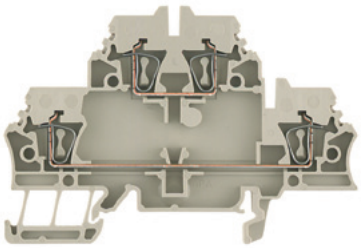
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

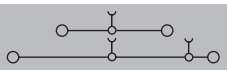
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZDK 2.5 — 2.5 mm²

**Double-level terminal**

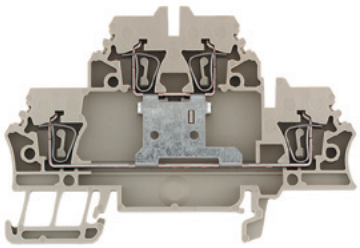


5.1 x 79.5 x 54
**20 / 2.5**
**0.05...2.5**

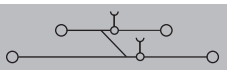


## ZDK 2.5 V — 2.5 mm²

**Vertically cross-connected double-level terminal**



5.1 x 79.5 x 54
**20 / 2.5**
**0.05...2.5**



## Technical data

| Rated data | | ZDK 2.5 | | | | ZDK 2.5 V | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 500 | 300 (C) | 300 (C) | 275 | 500 | 300 (C) | 300 (D) | 275 |
| Rated current | A | 20 | 15 (C) | 25 (C) | 18 | 20 | 15 (C) | 10 (D) | 20 |
| Rated cross-section | mm² | 2.5 | AWG 26...14 | AWG 26...12 | 2.5 | 2.5 | AWG 26...14 | AWG 26...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | | 6 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | | A2 / V-0 | | | |
| Approvals | | KEMA 97ATEX4677 U | | | | KEMA 97ATEX4677 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...2.5 | | | | 0.5...2.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | | 0.5...2.5 / 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

## Ordering data

| Version | ZDK 2.5 Type | Qty. | Order No. | ZDK 2.5V Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDK 2.5 | 50 | 1674300000 | ZDK 2.5V | 50 | 1689990000 |
| Blue Wemid | ZDK 2.5 BL | 50 | 1678630000 | ZDK 2.5V BL | 50 | 1745880000 |
| **Note** | ZBS 1 component plug ZBS 1 can be used for LED (1764550000). | | | | | |

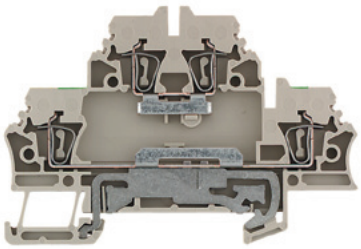
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 1.5-pole | | | | | | | | |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 | ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| Blue Wemid | ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 | ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | | | | | | | | |
| With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 4 | 5.1 mm | 25 | 1688110000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| With "swifty set" cutting device | | | | | | | | |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

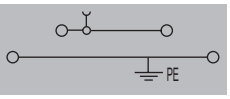
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 12/5 | DEK 5/5 / WS 10/5 |
| **Note** | | ZVQ 2.5/15 (1720700000) connects two busbars, one above the other. | |

## ZDK 2.5 DU-PE — 2.5 mm²

**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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

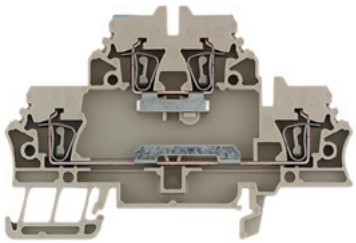
| Type | Qty. | Order No. |
|---|---|---|
| ZDK 2.5DU-PE | 50 | 1689970000 |

| 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 |

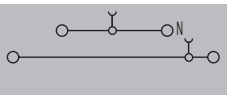
DEK 5/5 / WS 12/5

## ZDK 2.5 N-DU — 2.5 mm²

**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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

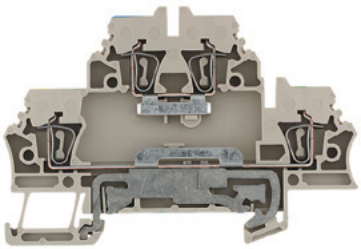
| Type | Qty. | Order No. |
|---|---|---|
| ZDK 2.5N-DU | 50 | 1689960000 |

| 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 |

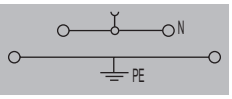
DEK 5/5 / WS 12/5

## ZDK 2.5 N-PE — 2.5 mm²

**Neutral & 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 mm² 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 | 1689980000 |

| 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

## Standard form

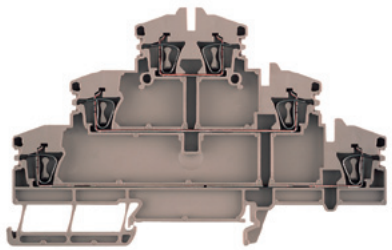
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

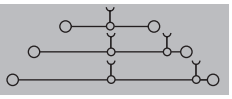
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZDLD 2.5-2 N — 2.5 mm²

**Three levels**

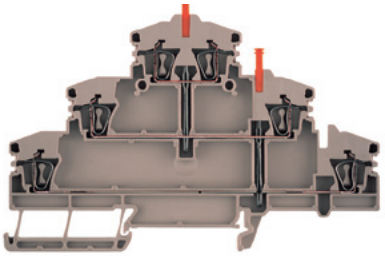


| | |
|---|---|
| 5.1 x 110.5 x 70 | |
| **20 / 2.5** | |
| **0.13...2.5** | |

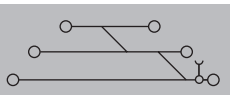


## ZDLD 2.5-2 VN — 2.5 mm²

**Vertically cross-connected multi-level terminal**



| | |
|---|---|
| 5.1 x 110.5 x 70 | |
| **20 / 2.5** | |
| **0.13...2.5** | |



## Technical data

| | | ZDLD 2.5-2 N | | | ZDLD 2.5-2 VN | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 500 | 300 (D) | 300 (D) | 400 | 300 (D) | 300 (D) |
| Rated current | A | 20 | 10 (D) | 10 (D) | 20 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...2.5 | | | 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | 0.5...2.5 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

## Ordering data

| Version | ZDLD 2.5-2N | Qty. | Order No. | ZDLD 2.5-2VN | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDLD 2.5-2N | 50 | 1782300000 | ZDLD 2.5-2VN | 25 | 1782320000 |
| Blue Wemid | ZDLD 2.5-2N BL | 50 | 1782310000 | ZDLD 2.5-2VN BL | 25 | 1782330000 |
| **Note** | | | | | | |

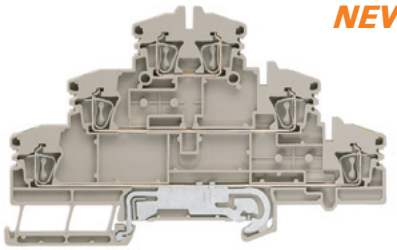
## Accessories

| Pluggable cross-connection | ZDLD 2.5-2N Type | current | Qty. | Order No. | ZDLD 2.5-2VN Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 1.5-pole | ZVQ 2.5/1.5 | 23 A | 50 | 1720700000 | | | | |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDLD2.5-2N | 1.5 mm | 20 | 1782340000 | ZAP/TW ZDLD2.5-2N | 1.5 mm | 20 | 1782340000 |
| Blue Wemid | ZAP/TW ZDLD2.5-2N BL | 1.5 mm | 20 | 1782350000 | ZAP/TW ZDLD2.5-2N BL | 1.5 mm | 20 | 1782350000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | | | | | | | | |
| With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 4 | 5.1 mm | 25 | 1688110000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | 9006060000 | SWIFTY SET | 18 mm | 1 | 9006060000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

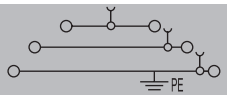
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 12/5 | DEK 5/5 / WS 12/5 |
| **Note** | | ZVQ 2.5/15 (1720700000) connects two busbars, one above the other. | |

## ZDLD 2.5-2 N PE/L/L — 2.5 mm²

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 |

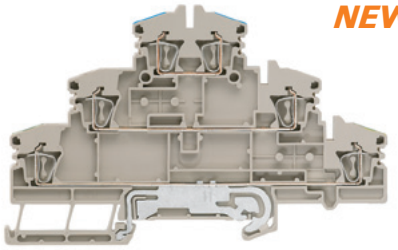
| Type | Qty. | Order No. |
|---|---|---|
| ZDLD 2.5-2N/PE/L/L | 50 | 1131750000 |

| 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 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 |

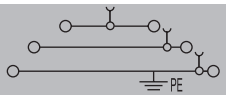
DEK 5/5 / WS 12/5

## ZDLD 2.5-2 N PE/L/N — 2.5 mm²

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 |

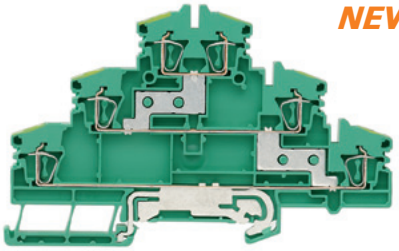
| Type | Qty. | Order No. |
|---|---|---|
| ZDLD 2.5-2N/PE/L/N | 50 | 1131760000 |

| 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 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 |

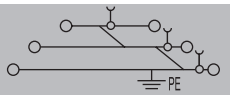
DEK 5/5 / WS 12/5

## ZDLD 2.5-2 N PE — 2.5 mm²

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. |
|---|---|---|
| ZDLD 2.5-2N PE | 50 | 1131740000 |

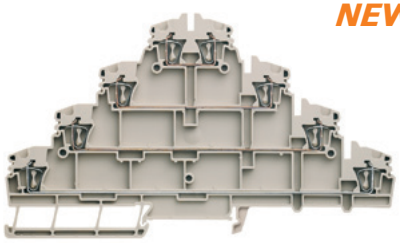
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZVQ 2.5/1.5 | 23 A | 50 | 1720700000 |
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | Width | | |
| ZAP/TW 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

## Standard form

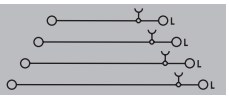
**ZVLD 2.5** | **2.5 mm²**

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 | 5.1 x 148 x 86 |
| max. current / max. cond. cross-section | A/mm² | / 2.5 |
| Max. clamping range | mm² | 0.14...2.5 |



## Technical data

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 250 | | |
| Rated current | A | 24 | | |
| Rated cross-section | mm² | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 0.5...2.5 / 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | |

**Note**

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | ZVLD 2.5 | 50 | 1208920000 |
| Blue Wemid | | | |

**Note**

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 1.5-pole | ZVQ 2.5/1.5 | 23 A | 50 | 1720700000 |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP ZVLD 2.5 | 1.5 mm | 10 | 1210410000 |
| Blue Wemid | | | | |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Test adapter** | | | | |
| Standard | ZTA ZVLD | 5.1 mm | 50 | 1210390000 |
| With assembly peg | ZTA ZVLD/ZA | 5.1 mm | 50 | 1271870000 |
| **Screwdriver** | | | | |
| Standard | | | | |
| With "swifty set" cutting device | | | | |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | |

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

**Note**

## Roof-style

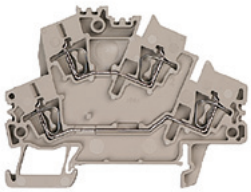
The compact terminal range for conductor cross-sections 0.13 to 16 mm²

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

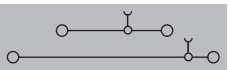
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZDK 2.5-2 — 2.5 mm²

**Double-level terminal**

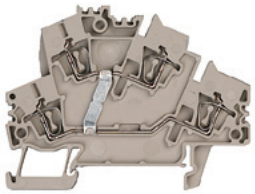


| | |
|---|---|
| 5.1 x 72.5 x 55.5 | |
| **24 / 4** | |
| **0.05...4** | |

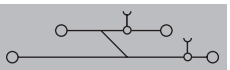


## ZDK 2.5-2V — 2.5 mm²

**Vertical cross-connected double-level terminal**



| | |
|---|---|
| 5.1 x 72.5 x 55.5 | |
| **24 / 4** | |
| **0.05...4** | |



## Technical data

| | | ZDK 2.5-2 | | | ZDK 2.5-2V | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | II 2 G D | IEC 60947-7-1 | | II 2 G D |
| **Rated data** | | **IEC** | **UL** | **CSA** | **IEC** | **UL** | **CSA** |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 800 | 600 (C) | 300 (D) |
| Rated current | A | 24 | 20 (C) | 25 (C) | 24 | 20 (C) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 30...12 | 2.5 | AWG 30...12 | AWG 30...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | 0.5...2.5 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

## Ordering data

| Version | ZDK 2.5-2 Type | Qty. | Order No. | ZDK 2.5-2V Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDK 2.5-2 | 50 | 1790990000 | ZDK 2.5-2V | 50 | 1791030000 |
| Blue Wemid | ZDK 2.5-2 BL | 50 | 1791000000 | ZDK 2.5-2V BL | 50 | 1791040000 |
| **Note** | The rated voltage is reduced to 400 V when using the cross-connection. | | | The rated voltage is reduced to 400 V when using the cross-connection. | | |

## Accessories

| | ZDK 2.5-2 Type | current | Qty. | Order No. | ZDK 2.5-2V Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDK2.5-2 | 2 mm | 20 | 1791050000 | ZAP/TW ZDK2.5-2 | 2 mm | 20 | 1791050000 |
| Blue Wemid | ZAP/TW ZDK2.5-2 BL | 2 mm | 20 | 1791060000 | ZAP/TW ZDK2.5-2 BL | 2 mm | 20 | 1791060000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 4 | 5.1 mm | 25 | 1688110000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| With "swifty set" cutting device | | | | | | | | |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 1/4-2 GE | 8 mm | 20 | 1764560000 | ZAD 1/4-2 GE | 8 mm | 20 | 1764560000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | ZDK 2.5-2/LD 24VUC order number 1905310000 | |

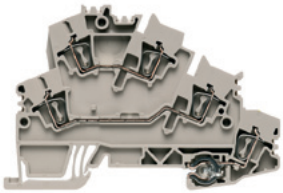
## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

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

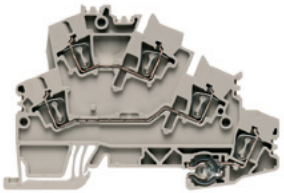
## ZDKPE 2.5-2 — 2.5 mm²

**Double-tier terminal with one-sided PE connection**

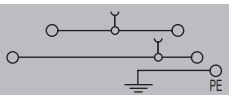


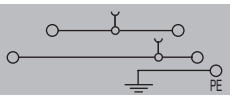
## ZDKPE 2.5-2/N/L/PE — 2.5 mm²

**Double-tier terminal with one-sided PE connection**



| | | ZDKPE 2.5-2 | ZDKPE 2.5-2/N/L/PE |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 89.5 x 60.5 | 5.1 x 89.5 x 60.5 |
| max. current / max. cond. cross-section | A/mm² | 24 / 4 | 24 / 4 |
| Max. clamping range | mm² | 0.05...4 | 0.05...4 |




## Technical data

| Rated data | | ZDKPE 2.5-2 | ZDKPE 2.5-2/N/L/PE |
|---|---|---|---|
| | | IEC 60947-7-1 (-7-2) | IEC 60947-7-1 (-7-2) |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 800 / 600 (C) / 300 (D) | 800 / 600 (C) |
| Rated current | A | 24 / 20 (C) / 10 (D) | 24 / 20 (C) |
| Rated cross-section | mm² | 2.5 / AWG 26...12 / AWG 30...12 | 2.5 / AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | 0.5...2.5 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |

## Ordering data

| Version | ZDKPE 2.5-2 Type | Qty. | Order No. | ZDKPE 2.5-2/N/L/PE Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDKPE 2.5-2 | 50 | 1805940000 | ZDKPE 2.5-2/N/L/PE | 50 | 1895700000 |
| Blue Wemid | | | | | | |
| **Note** | The rated voltage is reduced to 400 V when using the cross-connection. | | | The rated voltage is reduced to 400 V when using the cross-connection. | | |

## Accessories

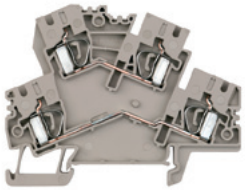
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDKPE2.5-2 | 2 mm | 25 | 1805960000 | ZAP/TW ZDKPE2.5-2 | 2 mm | 25 | 1805960000 |
| Blue Wemid | | | | | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 4 | 5.1 mm | 25 | 1688110000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | 9006060000 | SWIFTY SET | 18 mm | 1 | 9006060000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 1/4-2 GE | 8 mm | 20 | 1764560000 | ZAD 1/4-2 GE | 8 mm | 20 | 1764560000 |

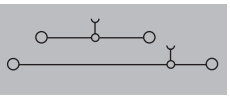
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | |

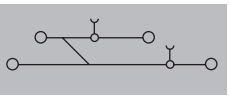
## Roof-style

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

| | | ZDK 4-2 | ZDK 4-2 V |
|---|---|---|---|
| | | 4 mm² | 4 mm² |
| | | Double-level terminal | Vertical cross-connected double-level terminal |
| Width/Length/Height of lowest version | mm | 6.1 x 77.6 x 61 | 6.1 x 77.6 x 61 |
| max. current / max. cond. cross-section | A/mm² | 32 / 6 | 32 / 6 |
| Max. clamping range | mm² | 0.13...6 | 0.13...6 |







## Technical data

| | | ZDK 4-2 | | | ZDK 4-2 V | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 800 | 600 (C) | 600 (C) |
| Rated current | A | 32 | 25 (C) | 30 (C) | 32 | 25 (C) | 30 (C) |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | AWG 26...10 | AWG 26...10 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...6 | | | 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | 0.5...4 / 0.5...4 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | ZDK 4-2 Type | Qty. | Order No. | ZDK 4-2 V Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDK 4-2 | 50 | 8670750000 | ZDK 4-2 V | 50 | 8671080000 |
| Blue Wemid | ZDK 4-2 BL | 50 | 8670850000 | | | |
| **Note** | | | | | | |

## Accessories

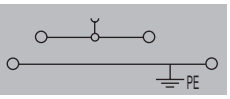
| | ZDK 4-2 Type | current | Qty. | Order No. | ZDK 4-2 V Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 4/2 GE | 32 A | 60 | 1608950000 | ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| 3-pole | ZQV 4/3 GE | 32 A | 60 | 1608960000 | ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| 4-pole | ZQV 4/4 GE | 32 A | 60 | 1608970000 | ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| 10-pole | ZQV 4/10 GE | 32 A | 20 | 1609030000 | ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| 20-/24-pole | ZQV 4/20 GE | 32 A | 20 | 1909010000 | ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 | ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| Blue Wemid | ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 | ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 6/ZA | 6.1 mm | 25 | 1780660000 | ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| With "swifty set" cutting device | | | | | | | | |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | | | | | |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 1/4 | 8 mm | 20 | 1609110000 | ZAD 1/4 | 8 mm | 20 | 1609110000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/6 | DEK 5/6 |
| **Note** | | | |

## ZDK 4-2 DU/PE — 4 mm²

**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 |

| Type | Qty. | Order No. |
|---|---|---|
| ZDK 4-2/DU-PE | 50 | 8671120000 |

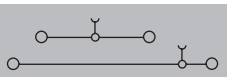
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| | **Width** | | |
| ZAP/TW ZDK4-2 | 2 mm | 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 |

DEK 5/6

## ZDK 4-2/N/L — 4 mm²

**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/N/L | 50 | 1905170000 |

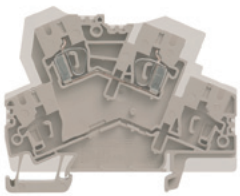
Upper level printed blue

| 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 |

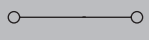
DEK 5/6

## ZDK 4-2/2AN — 4 mm²

***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 4-2/2AN | 50 | 1119700000 |

| 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

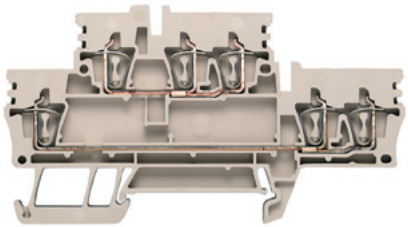
## Compact style

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

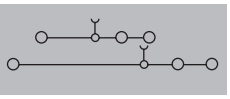
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

### ZDK 2.5/3AN — 2.5 mm²

**Double-level terminal**

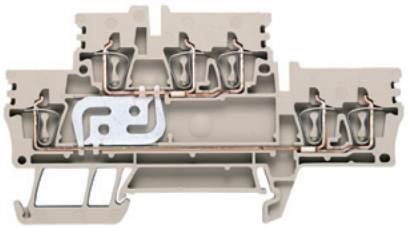


5.1 x 93 x 51.5
**24 / 4**
**0.05...4**

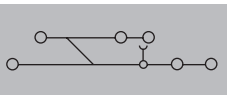


### ZDK 2.5/3AN V — 2.5 mm²

**Vertical cross-connected double-level terminal**



5.1 x 93 x 51.5
**24 / 4**
**0.05...4**



## Technical data

| Rated data | | ZDK 2.5/3AN | | | ZDK 2.5/3AN V | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | II 2 G D | IEC 60947-7-1 | | II 2 G D |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 800 | 300 (C) | 300 (C) | 800 | 300 (C) | 300 (C) |
| Rated current | A | 24 | 20 (C) | 24 (C) | 24 | 20 (C) | 24 (C) |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 30...12 | 2.5 | AWG 30...12 | AWG 30...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | 0.5...2.5 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

## Ordering data

| Version | ZDK 2.5/3AN | | | ZDK 2.5/3AN V | | |
|---|---|---|---|---|---|---|
| | Type | Qty. | Order No. | Type | Qty. | Order No. |
| Dark beige Wemid | ZDK 2.5/3AN | 50 | 1924510000 | ZDK 2.5/3AN V | 50 | 1924490000 |
| Blue Wemid | ZDK 2.5/3AN BL | 50 | 1924500000 | ZDK 2.5/3AN V BL | 50 | 1924480000 |
| **Note** | Diode versions ZDK 2.5/3AN D1, 1924440000 and ZDK 2.5/3AN D2, 1924450000. | | | | | |

## Accessories

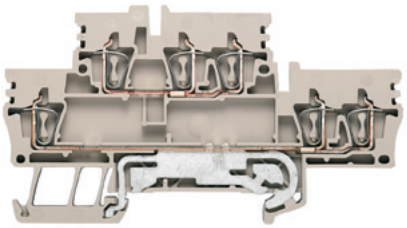
| Pluggable cross-connection | ZDK 2.5/3AN | | | | ZDK 2.5/3AN V | | | |
|---|---|---|---|---|---|---|---|---|
| | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDK 2.5/3AN | 1.5 mm | 20 | 1924910000 | ZAP/TW ZDK 2.5/3AN | 1.5 mm | 20 | 1924910000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | ZAD 9/4 | 6 mm | 20 | 1934160000 | ZAD 9/4 | 6 mm | 20 | 1934160000 |

| Identification systems | (see assortment in catalogue 7) | | | | | | |
|---|---|---|---|---|---|---|---|
| Marking tags | SNAPMARK I / DEK 5/5 / WS 10/5 | | | | SNAPMARK I / DEK 5/5 / WS 10/5 | | |
| **Note** | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500). | | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500). | | |

## Compact style

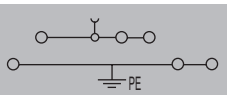
## ZDK 2.5/3AN DU-PE — 2.5 mm²

**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 | 5.1 x 93 x 51.5 |
| max. current / max. cond. cross-section | A/mm² | **31 / 4** |
| Max. clamping range | mm² | **0.05...4** |




## Technical data

IEC 60947-7-1 (-7-2) — II 2 G D

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 30...12 |
| Rated voltage to adjoining terminal | V | 800 | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | |
| Pollution severity | | | 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A2 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |

**Note**

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | ZDK 2.5/3AN DU-PE | 50 | **1924460000** |

**Note**

## Accessories

| Type | current | Qty. | Order No. |
|---|---|---|---|
| **Pluggable cross-connection** | | | |
| 2-pole | | | |
| 3-pole | | | |
| 4-pole | | | |
| 10-pole | | | |
| 20-/24-pole | | | |
| 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** |
| **End plate / Partition plate** | **Width** | | |
| Dark beige Wemid | | | |
| ZAP/TW ZDK 2.5/3AN | 1.5 mm | 20 | **1924910000** |
| **End bracket** | | | |
| Dark beige Wemid | | | |
| ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | |
| Standard | | | |
| With assembly peg | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | **1827080000** |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | **1847600000** |
| **Screwdriver** | | | |
| Standard | | | |
| SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Reducing sleeves** | | | |
| For conductors < 0.5 mm² / AWG 20 | | | |
| For conductors < 1.0 mm² / AWG 18 | | | |
| ZRH 1.5H/1 | 4.85 mm | 1000 | **1678810000** |
| ZRH 1.5H/2 | 4.85 mm | 1000 | **1678800000** |
| **Cover** | | | |
| With lightning flash symbol | | | |
| ZAD 9/4 | 6 mm | 20 | **1934160000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| Marking tags | | SNAPMARK I / DEK 5/5 / WS 10/5 |

**Note**

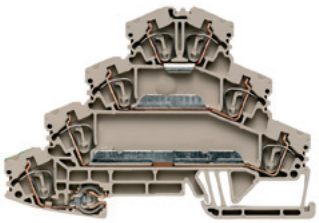
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar ( Order no. 1333100000, pack of 500).

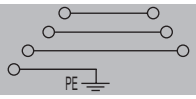
## Standard form

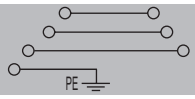
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZMAK 2.5 | ZMAK 2.5 690 V |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | Motor-supply terminal | Motor-supply terminal |
| Width/Length/Height of lowest version | mm | 5.1 x 102 x 70 | 6.1 x 102 x 70 |
| max. current / max. cond. cross-section | A/mm² | 31 / 4 | 31 / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.13...4 |






## Technical data

| | | ZMAK 2.5 | ZMAK 2.5 690 V |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 (-7-2) | IEC 60947-7-1 (-7-2) |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 / 300 (D) / 300 (D) | 690 / 300 (D) / |
| Rated current | A | 24 / 10 (D) / 25 (D) | 24 / 10 (D) / |
| Rated cross-section | mm² | 2.5 / AWG 26...12 / AWG 26...12 | 2.5 / AWG 26...12 / |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | ZMAK 2.5 | 25 | 1768000000 | ZMAK 2.5 690V | 25 | 1027550000 |
| **Note** | | The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm! | | | The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm! | | |

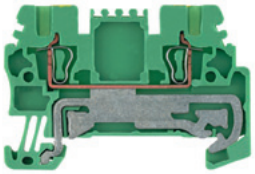
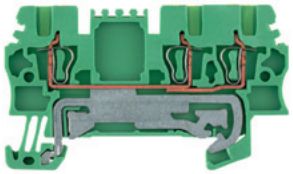
## Accessories

| | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **End plate / Partition plate** | Dark beige Wemid | ZAP ZMAK2.5 | 1.5 mm | 10 | 1768010000 | ZAP ZMAK2.5 | 1.5 mm | 10 | 1768010000 |
| **End bracket** | Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| | For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Test adapter** | Standard | ZTA 1 | 5.1 mm | 25 | 1609040000 | | | | |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | DEK 5/5 / WS 12/5 | | | | DEK 5/5 / WS 12/5 | | | |
| **Note** | | | | | | | | | |

## Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZPE 1.5 | ZPE 1.5/3AN |
|---|---|---|---|
| | | 1.5 mm² | 1.5 mm² |
| | | Two connections | Three connections |
| | |  |  |
| Width/Length/Height of lowest version | mm | 3.5 x 54.5 x 37 | 3.5 x 63 x 37 |
| max. current / max. cond. cross-section | A/mm² | / 1.5 | / 1.5 |
| Max. clamping range | mm² | 0.05...1.5 | 0.05...1.5 |

## Technical data

| Rated data | | ZPE 1.5 | | | | ZPE 1.5/3AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 1.5 | AWG 26...14 | AWG 26...14 | 1.5 | 1.5 | AWG 26...14 | AWG 26...14 | 1.5 |
| Rated voltage to adjoining terminal | V | 500 | | | | 500 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 6 | | | | 6 | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B1 / V-0 | | | | B1 / V-0 | | | |
| Approvals | | KEMA 01ATEX2106 U | | | | KEMA 01ATEX2106 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | 0.5...1.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | 0.5...1.5 / 0.5...1.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.4 x 2.0 mm | | | | 10 / 0.4 x 2.0 mm | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | ZPE 1.5 Type | Qty. | Order No. | ZPE 1.5/3AN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 1.5 | 100 | 1775510000 | ZPE 1.5/3AN | 100 | 1775560000 |
| **Note** | | | | | | |

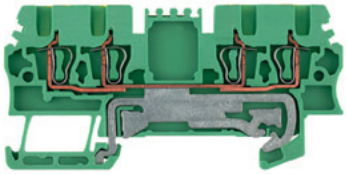
## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW ZDU1.5/2AN | 2 mm | 20 | 1776030000 | ZAP/TW ZDU1.5/3AN | 2 mm | 20 | 1776060000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 5 | 3.5 mm | 25 | 1776210000 | ZTA 5 | 3.5 mm | 25 | 1776210000 |
| With assembly peg | ZTA 5/ZA | 3.5 mm | 25 | 1776220000 | ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.4X2.0X60 | | 1 | 9037160000 | SDS 0.4X2.0X60 | | 1 | 9037160000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5S/1 | 4.55 mm | 500 | 1781950000 | ZRH 1.5S/1 | 4.55 mm | 500 | 1781950000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5S/2 | 4.55 mm | 500 | 1781960000 | ZRH 1.5S/2 | 4.55 mm | 500 | 1781960000 |

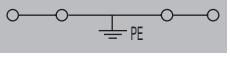
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/3,5 / WS 12/3,5 | DEK 5/3,5 / WS 12/3,5 |
| **Note** | | |

## ZPE 1.5/4AN — 1.5 mm²

**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 |

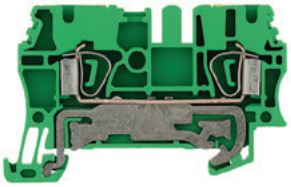
| Type | Qty. | Order No. |
|---|---|---|
| ZPE 1.5/4AN | 100 | 1775620000 |

| 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 |

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

## ZPE 2.5 — 2.5 mm²

**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 |

| Type | Qty. | Order No. |
|---|---|---|
| ZPE 2.5 | 100 | 1608640000 |

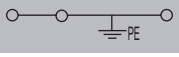
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| ZAP/TW 1 | 2 mm | 50 | 1608740000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| ZRH 2.5/1 WS | 5.55 mm | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | 5.55 mm | 1000 | 1614290000 |

DEK 5/5 / WS 10/5

## ZPE 2.5/3AN — 2.5 mm²

**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 2.5/3AN | 100 | 1608650000 |

| 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 |

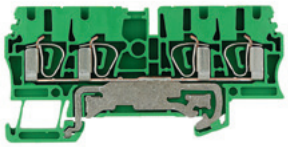
DEK 5/5 / WS 10/5

## Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZPE 2.5/4AN | ZPE 4 |
|---|---|---|---|
| | | 2.5 mm² | 4 mm² |
| | | Four connections | Two connections |
| Width/Length/Height of lowest version | mm | 5.1 x 79.5 x 39.5 | 6.1 x 64 x 43.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 6 |
| Max. clamping range | mm² | 0.05...4 | 0.13...6 |



## Technical data

| Rated data | | ZPE 2.5/4AN | ZPE 4 |
|---|---|---|---|
| | | IEC 60947-7-2 / Ex e II / II 2 G D | IEC 60947-7-2 / Ex e II / II 2 G D |
| Rated cross-section | mm² | IEC 2.5 / UL AWG 30...12 / CSA AWG 26...12 / EN 60079-7 2.5 | IEC 4 / UL AWG 26...10 / CSA AWG 26...10 / EN 60079-7 4 |
| Rated voltage to adjoining terminal | V | 800 | 800 |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | 8 |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A4 / V-0 |
| Approvals | | KEMA 97ATEX2521 U | KEMA 97ATEX2521 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...6 / 1.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...6 / 0.5...4 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 12 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

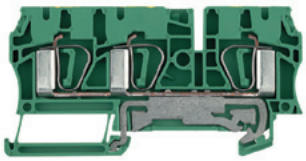
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 2.5/4AN | 100 | 1608660000 | ZPE 4 | 100 | 1632080000 |
| **Note** | | | | | | |

## Accessories

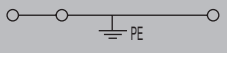
| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW 3 | 2 mm | 50 | 1608800000 | ZAP/TW 4 | 2 mm | 50 | 1632090000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 1 | 5.1 mm | 25 | 1609040000 | ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| With assembly peg | ZTA 1/ZA | 5.1 mm | 25 | 1609050000 | ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 2.5/1 WS | 5.55 mm | 1000 | 1614300000 | ZRH 4/1 WS | 7.4 mm | 1000 | 1636640000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 2.5/2 GR/VO | 5.55 mm | 1000 | 1614290000 | ZRH 4/2 | 7.4 mm | 1000 | 1636650000 |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | | DEK 5/6 / WS 12/6 | | | |
| **Note** | | | | | | | | |

## ZPE 4/3 AN — 4 mm²

**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 |

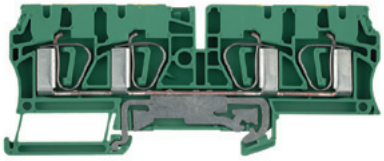
| Type | Qty. | Order No. |
|---|---|---|
| ZPE 4/3AN | 50 | 7904170000 |

| 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 |

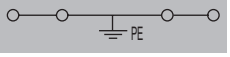
DEK 5/6 / WS 12/6

## ZPE 4/4 AN — 4 mm²

**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 4/4AN | 50 | 7904280000 |

| 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 |

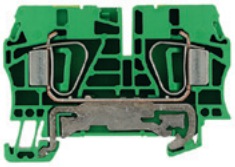
DEK 5/6 / WS 12/6

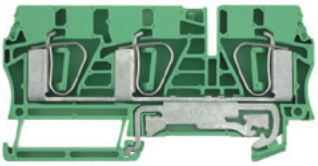
## Standard model

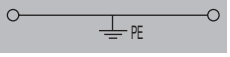
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

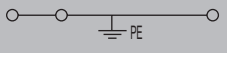
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | ZPE 6 | ZPE 6/3 AN |
|---|---|---|---|
| | | 6 mm² | 6 mm² |
| | | Two connections | Three connections |
| Width/Length/Height of lowest version | mm | 8.1 x 65 x 45.5 | 8.1 x 90 x 45.5 |
| max. current / max. cond. cross-section | A/mm² | / 10 | / 10 |
| Max. clamping range | mm² | 0.22...10 | 0.22...10 |








## Technical data

| Rated data | | ZPE 6 | ZPE 6/3 AN |
|---|---|---|---|
| | | IEC 60947-7-2 / Ex e II / II 2 G D | IEC 60947-7-2 / Ex e II / II 2 G D |
| | | IEC / UL / CSA / EN 60079-7 | IEC / UL / CSA / EN 60079-7 |
| Rated cross-section | mm² | 6 / AWG 22...8 / AWG 20...8 / 6 | 6 / AWG 22...8 / AWG 20...8 / 6 |
| Rated voltage to adjoining terminal | V | 800 | 800 |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | 8 |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | A5 / V-0 |
| Approvals | | KEMA 97ATEX2521 U | KEMA 00ATEX2107 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | 0.5...10 / 1.5...10 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | 0.5...10 / 0.5...6 |
| Stripping length / Blade size | mm/- | 13 / 0.6 x 3.5 mm | 13 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 6 | 50 | 1608670000 | ZPE 6/3AN | 50 | 7907400000 |
| **Note** | | | | | | |

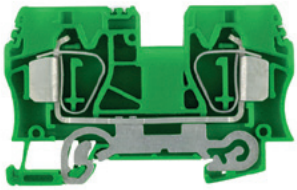
## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW 5 | 2 mm | 50 | 1608830000 | ZAP/TW6/3AN | 2 mm | 20 | 7907370000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 | ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| With assembly peg | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | 1274680000 | SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | | | | | |

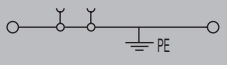
| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | DEK 5/8 / WS 12/6 | DEK 5/8 / WS 12/6 |
| **Note** | | |

## ZPE 10 — 10 mm²

**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 | | | |

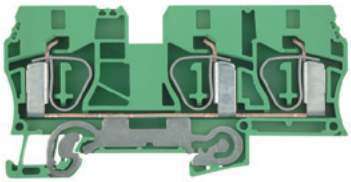
| Type | Qty. | Order No. |
|---|---|---|
| ZPE 10 | 25 | **1746770000** |

| 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** |

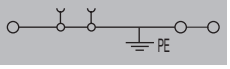
DEK 5/5 / WS 12/6

## ZPE 10/3 AN — 10 mm²

**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 10/3AN | 20 | **1767670000** |

| 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

## Standard model

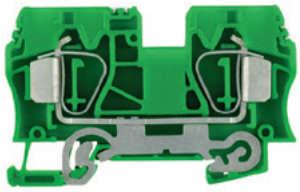
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

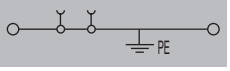
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZPE 16 — 16 mm²

**Two connections**

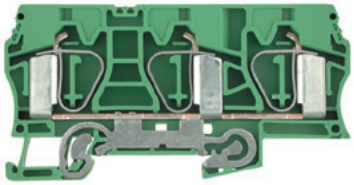


| | |
|---|---|
| 12.1 x 82.5 x 51.5 | |
| **/ 25** | |
| **1.5...25** | |

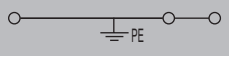



## ZPE 16/3AN — 16 mm²

**Three connections**



| | |
|---|---|
| 12.1 x 99 x 51.5 | |
| **/ 25** | |
| **1.5...25** | |




## Technical data

| Rated data | | ZPE 16 | ZPE 16/3AN |
|---|---|---|---|
| | | IEC 60947-7-2 — Ex e II — II 2 G D | IEC 60947-7-2 — Ex e II — II 2 G D |
| | | IEC / UL / CSA / EN 60079-7 | IEC / UL / CSA / EN 60079-7 |
| Rated cross-section | mm² | 16 / AWG 14...4 / AWG 14...4 / 16 | 16 / AWG 14...4 / AWG 14...4 / 16 |
| Rated voltage to adjoining terminal | V | 800 | 800 |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | 8 |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A7 / V-0 | A7 / V-0 |
| Approvals | | KEMA 99ATEX5514 U | KEMA 00ATEX2107 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 1.5...16 / 16...25 | 1.5...16 / 16...25 |
| Flexible / Flexible with ferrule | mm² | 1.5...16 / 1.5...16 | 1.5...16 / 1.5...16 |
| Stripping length / Blade size | mm/- | 18 / 1.0 x 5.5 mm | 18 / 1.0 x 5.5 mm |
| **Note** | | To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15. | To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15. |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 16 | 25 | **1745250000** | ZPE 16/3AN | 20 | **1768310000** |
| **Note** | | | | | | |

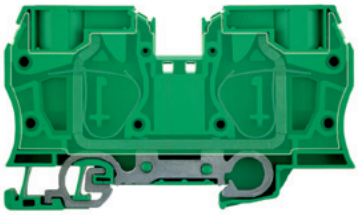
## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW ZDU16 | 3 mm | 20 | **1745150000** | ZAP/TW 10/16 | 3 mm | 20 | **1749580000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | | | | | |
| Standard | | | | | | | | |
| With assembly peg | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | | | | | |

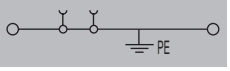
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 15/5 | DEK 5/5 / WS 15/5 |
| **Note** | The plug-in cross-connections ZQV 16/2 (1739690000) can be used. | |

## ZPE 35 — 35 mm²

**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.

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

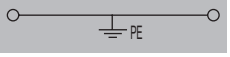
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZPE 2.5-2 — 2.5 mm²

**Two connections**

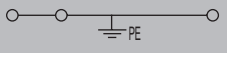
5.1 x 50.5 x 44
/ 4
0.13...4




## ZPE 2.5-2/3AN — 2.5 mm²

**Three connections**

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




## Technical data

| Rated data | | ZPE 2.5-2 | | | | ZPE 2.5-2/3AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-2 | | Ex e II | II 2 G D | IEC 60947-7-2 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 2.5 | AWG 26...12 | AWG 26...14 | 2.5 |
| Rated voltage to adjoining terminal | V | 800 | | | | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | | 8 | | | |
| Rated short-time current | | 300 A (2.5 mm²) | | | | 300 A (2.5 mm²) | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | | A2 / V-0 | | | |
| Approvals | | KEMA 97ATEX4677 U | | | | KEMA 97ATEX4677 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 | | | | 0.5...4 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | | 0.5...2.5 / 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 2.5-2 | 100 | 1772090000 | ZPE 2.5-2/3AN | 100 | 1706090000 |
| **Note** | | | | | | |

## Accessories

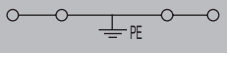
| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW7 | 2.5 mm | 50 | 1706110000 | ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 4 | 5.1 mm | 25 | 1688110000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 14/5 | DEK 5/5 / WS 14/5 |
| **Note** | | |

## ZPE 2.5-2/4AN — 2.5 mm²

**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 mm²) | | | |
| 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 mm² 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 |

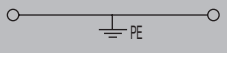
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

## ZPE 4-2/2AN — 4 mm²

**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 mm²) | | | |
| 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 |

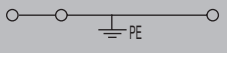
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| ZAP ZDU4-2 | 2 mm | 50 | 1770400000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| ZRH 4/1 WS | 7.4 mm | 1000 | 1636640000 |
| ZRH 4/2 | 7.4 mm | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

## ZPE 4-2/3AN — 4 mm²

**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 mm²) | | | |
| 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

## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

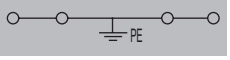
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

### ZPE 4-2/4 AN — 4 mm²

**Four connections**

| | |
|---|---|
| 6.1 x 75 x 46 | |
| / 6 | |
| 0.13...6 | |

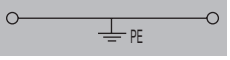



IEC 60947-7-2 — Ex e II — II 2 G D

### ZPE 6-2/2AN — 6 mm²

**Two connections**

| | |
|---|---|
| 8.1 x 68 x 50 | |
| / 10 | |
| 0.22...10 | |




IEC 60947-7-2 — Ex e II — II 2 G D

## Technical data

| Rated data | | ZPE 4-2/4 AN | | | | ZPE 6-2/2AN | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | 6 | AWG 22...8 | AWG 20...8 | 6 |
| Rated voltage to adjoining terminal | V | 800 | | | | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | | 8 | | | |
| Rated short-time current | | 480 A (4 mm²) | | | | 720 A (6 mm²) | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A5 / V-0 | | | |
| Approvals | | KEMA 97ATEX4677 U | | | | KEMA 97ATEX4677 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 | | | | 0.5...10 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 0.5...10 / 0.5...6 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 12 / 0.6 x 3.5 mm | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | ZPE 4-2/4AN | 100 | 1807090000 | ZPE 6-2/2AN | 50 | 1771370000 |
| **Note** | | | | | | | |

## Accessories

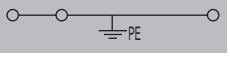
| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP ZDU4-2/4AN | 2 mm | 50 | 1807010000 | ZAP ZDU6-2 | 2 mm | 50 | 1771440000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 6/ZA | 6.1 mm | 25 | 1780660000 | ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 4/1 WS | 7.4 mm | 1000 | 1636640000 | | | | |
| For conductors < 1.0 mm² / AWG 18 | ZRH 4/2 | 7.4 mm | 1000 | 1636650000 | | | | |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/6 / WS 12/6 | DEK 5/8 |
| **Note** | | |

## ZPE 6-2/3AN — 6 mm²

**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 mm²) | | | |
| 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 |

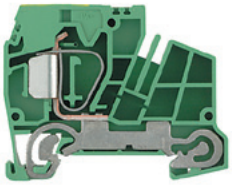
| Type | Qty. | Order No. |
|---|---|---|
| ZPE 6-2/3AN | 50 | 1771360000 |

| 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 |

DEK 5/8

## ZPE 16-2/1AN — 16 mm²

**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 mm²) | | |
| 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 16-2/1AN | 20 | 1772960000 |

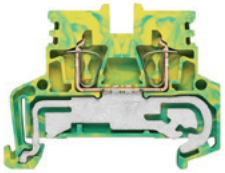
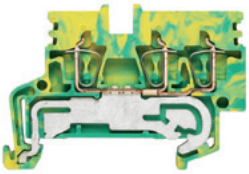
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| ZAP/Z...16-2/1AN | 2.5 mm | 10 | 1772970000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |

DEK 5/8

The plug-in cross-connections ZQV 2.5/.. , ZQV 4/... and ZQV 6/... can be used.

## Compact style

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

| | | ZPE 2.5N | ZPE 2.5N/3AN |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | 2 connections | 3 connections |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 50.5 x 39 | 5.1 x 56.5 x 39 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.05...4 | 0.05...4 |

## Technical data

| | | ZPE 2.5N | ZPE 2.5N/3AN |
|---|---|---|---|
| | | IEC 60947-7-2 II 2 G D | IEC 60947-7-2 II 2 G D |
| **Rated data** | | | |
| Rated cross-section | mm² | IEC 2.5, UL AWG 30...12, CSA AWG 30...12 | IEC 2.5, UL AWG 30...12, CSA AWG 30...12 |
| Rated voltage to adjoining terminal | V | 800 | 800 |
| Rated impulse withstand voltage to adjacent terminal | kV | 6 | 6 |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...2.5 | 0.5...4 / 1.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 2.5N | 50 | 1933760000 | ZPE 2.5N/3AN | 50 | 1933770000 |
| **Note** | | | | | | |

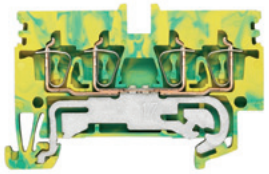
## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 | ZAP/TW ZDU/ZPE 2.5N/3AN | 2 mm | 50 | 1933800000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

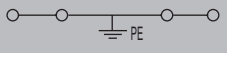
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | 2.5 mm² 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 mm²

**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 mm² 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 | **1933780000** |

| Type | Width | Qty. | Order No. |
|---|---|---|---|
| ZAP/TW ZDU/ZPE 2.5N/4AN | 2 mm | 50 | **1933810000** |
| 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 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

## Standard form

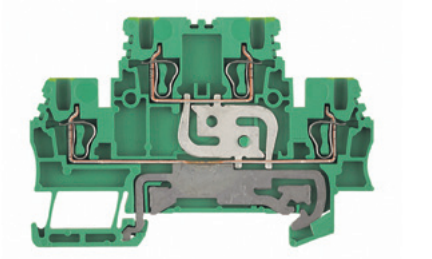
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

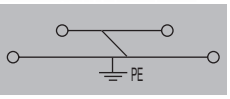
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

## ZDK 1.5 PE — 1.5 mm²

**Double-level terminal**

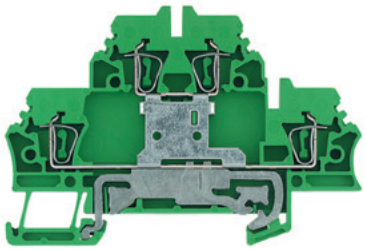


3.5 x 75.5 x 50
**/ 1.5**
**0.05...1.5**

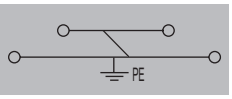



## ZDK 2.5 PE — 2.5 mm²

**Vertically cross-connected**



5.1 x 79.5 x 54
**/ 2.5**
**0.05...2.5**




## Technical data

| Rated data | | ZDK 1.5 PE | | | | ZDK 2.5 PE | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-2 | | Ex e II | II 2 G D | IEC 60947-7-2 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 1.5 | AWG 28...16 | AWG 28...16 | 1.5 | 2.5 | AWG 26...14 | AWG 26...12 | 2.5 |
| Rated voltage to adjoining terminal | V | 500 | | | | 500 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 6 | | | | 6 | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B1 / V-0 | | | | A2 / V-0 | | | |
| Approvals | | KEMA 01ATEX2106 U | | | | KEMA 97ATEX4677 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | 0.5...2.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | 0.5...2.5 / 0.5...2.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.4 x 2.0 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | | | | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZDK 1.5PE | 100 | **1791150000** | ZDK 2.5PE | 50 | **1690000000** |
| **Note** | | | | | | |

## Accessories

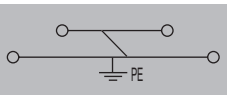
| | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 5 | 3.5 mm | 25 | **1776210000** | | | | |
| With assembly peg | ZTA 5/ZA | 3.5 mm | 25 | **1776220000** | ZTA 4 | 5.1 mm | 25 | **1688110000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5S/1 | 4.55 mm | 500 | **1781950000** | ZRH 1.5H/1 | 4.85 mm | 1000 | **1678810000** |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5S/2 | 4.55 mm | 500 | **1781960000** | ZRH 1.5H/2 | 4.85 mm | 1000 | **1678800000** |
| **End plate / Partition plate** | | | | | | | | |
| Dark beige Wemid | ZAP/TW ZDK1.5 | 2 mm | 20 | **1791160000** | ZAP/TW ZDK2.5 | 1.5 mm | 20 | **1674730000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.4X2.0X60 | | 1 | **9037160000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5S/1 | 4.55 mm | 500 | **1781950000** | ZRH 1.5H/1 | 4.85 mm | 1000 | **1678810000** |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5S/2 | 4.55 mm | 500 | **1781960000** | ZRH 1.5H/2 | 4.85 mm | 1000 | **1678800000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/3,5 | | | | DEK 5/5 / WS 12/5 | | | |
| **Note** | | | | | | | | |

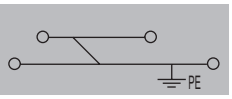
## Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm².

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

| | | ZDK 2.5-2 PE | ZDK 4-2 PE |
|---|---|---|---|
| | | 2.5 mm² | 4 mm² |
| | | Four connections | Four connections |
| Width/Length/Height of lowest version | mm | 5.1 x 72.5 x 55.5 | 6.1 x 77.6 x 61 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 6 |
| Max. clamping range | mm² | 0.05...4 | 0.13...6 |




## Technical data

| | | ZDK 2.5-2 PE | ZDK 4-2 PE |
|---|---|---|---|
| | | IEC 60947-7-2 II 2 G D | IEC 60947-7-2 |
| **Rated data** | | | |
| Rated cross-section | mm² | IEC 2.5 / UL AWG 26...12 / CSA AWG 30...12 | IEC 4 / UL AWG 26...10 / CSA AWG 26...10 |
| Rated voltage to adjoining terminal | V | 800 | 800 |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | 8 |
| Rated short-time current | | 300 A (2.5 mm²) | 480 A (4 mm²) |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...4 / 0.5...4 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | ZDK 2.5-2PE | 50 | 1791010000 | ZDK 4-2 PE | 50 | 8671050000 |
| **Note** | | | | | | | |

## Accessories

| End plate / Partition plate | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | ZAP/TW ZDK2.5-2 | 2 mm | 20 | 1791050000 | ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | | |
| | With assembly peg | ZTA 4 | 5.1 mm | 25 | 1688110000 | ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDS 0.5X3.0X80 | | 1 | 9008320000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | | |
| | For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | | | | |
| | For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | | | | |

| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| | Marking tags | DEK 5/5 / WS 10/5 | DEK 5/6 |
| **Note** | | | |

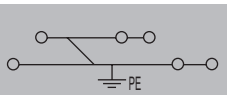
## Compact style

### ZDK 2.5/3AN PE — 2.5 mm²

**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 | 5.1 x 93 x 51.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 |
| Max. clamping range | mm² | 0.05...4 |




## Technical data

IEC 60947-7-2 — II 2 G D

| Rated data | IEC | UL | CSA |
|---|---|---|---|
| Rated voltage (V) | 800 | | 300 (C) |
| Rated current (A) | | | 24 (C) |
| Rated cross-section (mm²) | 2.5 | AWG 30...12 | AWG 30...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | |
| Approvals | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 0.5...4 / 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm |

**Note**

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | ZDK 2.5/3AN PE | 50 | 1924470000 |

**Note**

## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | ZAP/TW ZDK 2.5/3AN | 1.5 mm | 20 | 1924910000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35/2 | 8 mm | 20 | 8630740000 |
| **Test adapter** | | | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | SNAPMARK I / DEK 5/5 / WS 10/5 |

**Note**

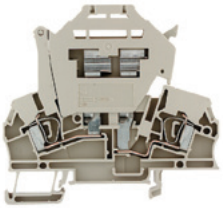
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

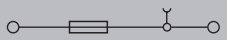
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## ZSI 2.5 — 2.5 mm²

**For metric fuses 5 x 20 mm**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 7.9 x 79.5 x 74 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## ZSI 2.5

**Overload and short-circuit protection**

## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | 300 (C) | 600 (C) |
| Rated current | A | 6.3 | 10 (C) | 15 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

IEC 60947-7-3

| Type | Order No. |
|---|---|
| ZSI 2.5 | **1616400000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload and short-circuit protection | |
| | $T_A$ max. | Nominal values | $T_A$ 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 |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | ZSI 2.5 | 50 | **1616400000** |
| 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** | For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | ZQV 6/3 GE | 41 A | 60 | **1627860000** |
| 4-pole | ZQV 6/4 GE | 41 A | 60 | **1627870000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP/TW 3 | 2 mm | 50 | **1608800000** |
| Dark beige Wemid | ZAP TNHE/ZSI2.5 | 1.1 mm | 25 | **1610840000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **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 | | | | |

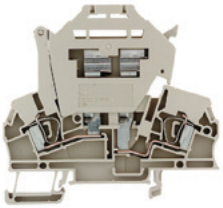
| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | Status display using a bi-directional LED. |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

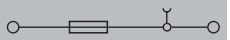
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## ZSI 2.5 LED — 2.5 mm²

**For metric fuses 5 x 20 mm**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 7.9 x 79.5 x 74 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** |
| Max. clamping range | mm² | **0.13...4** |



### Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

### Ordering data

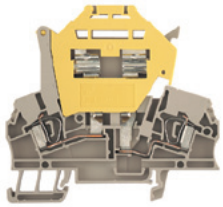
| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | | | |
| 10-36 V AC/DC, with LED | ZSI 2.5/LD 28AC | 50 | **1616440000** |
| 30-70 V AC/DC, with LED | ZSI 2.5/LD 60AC | 50 | **1616430000** |
| 60-150 V AC/DC, with LED | ZSI 2.5/LD 120AC | 50 | **1616420000** |
| 140-250 V AC/DC, with LED | ZSI 2.5/LD 250AC | 50 | **1616410000** |
| **Note** | For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. | | |

### Accessories

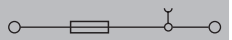
| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | ZQV 6/3 GE | 41 A | 60 | **1627860000** |
| 4-pole | ZQV 6/4 GE | 41 A | 60 | **1627870000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP/TW 3 | 2 mm | 50 | **1608800000** |
| Dark beige Wemid | ZAP TNHE/ZSI2.5 | 1.1 mm | 25 | **1610840000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **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 | DEK 5/5 / WS 10/5 | | | |
| **Note** | Status display using a bi-directional LED. | | | |

## ZSI 2.5/5x25 — 2.5 mm²

**For metric fuses 5 x 25 mm**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 7.9 x 79.5 x 74 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** |
| Max. clamping range | mm² | **0.13...4** |



IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | ZSI 2.5/5X25 | 50 | **1730900000** |
| 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** | For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. | | |

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | ZQV 6/3 GE | 41 A | 60 | **1627860000** |
| 4-pole | ZQV 6/4 GE | 41 A | 60 | **1627870000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP/TW 3 | 2 mm | 50 | **1608800000** |
| Dark beige Wemid | ZAP TNHE/ZSI2.5 | 1.1 mm | 25 | **1610840000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **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 | G 25/0.50A/M WS | | 10 | **0510300000** |
| 1.00 A medium slow / 3 A | G 25/1.00A/M RT | | 10 | **0265800000** |
| 2.00 A fast / 5 A | G 25/2.00A/F BL | | 10 | **0192700000** |
| 4.00 A fast / 10 A | G 25/4.00A/F BR | | 10 | **0192800000** |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

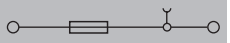
## ZSI 2.5/2 — 2.5 mm²

**For imperial fuses**

## ZSI 2.5/2

**Overload and short-circuit protection**

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 12.2 x 79.5 x 74 |
| max. current / max. cond. cross-section | A/mm² | **12 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## Technical data

| Rated data | | |
|---|---|---|
| Rated voltage to adjoining terminal | V | IEC 60947-7-3 |
| Rated current | A | |
| Rated cross-section | mm² | |
| Rated impulse withstand voltage / Pollution severity | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | |
| Approvals | | |
| **Clamped conductors (H05V/H07V)** | | |
| Solid / stranded | mm² | |
| Flexible / Flexible with ferrule | mm² | |
| Stripping length / Blade size | mm/- | |

| 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 |

**Note**

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type | Order No. |
|---|---|
| ZSI 2.5/2 500AC | **1616460000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload and short-circuit protection | |
| | $T_A$ max. | Nominal values | $T_A$ 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 |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | ZSI 2.5/2 500AC | 10 | **1616460000** |
| 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**

For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQS 2.5/2 | 10 A | 20 | **1633200000** |
| 3-pole | ZQS 2.5/3 | 10 A | 20 | **1633210000** |
| 4-pole | ZQS 2.5/4 | 10 A | 20 | **1633220000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | | | | |
| Dark beige Wemid | ZAP TNHE/ZSI2.5 | 1.1 mm | 25 | **1610840000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **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 | GZ 10.0A | | 10 | **0293900000** |

| Identification systems | (see assortment in catalogue 7) |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |

**Note**

Status display using a bi-directional LED. With use of inch fuse cartridges.

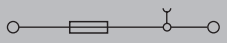
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

## ZSI 2.5/2 LED — 2.5 mm²

**For imperial fuses**

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 | 12.2 x 79.5 x 74 |
| max. current / max. cond. cross-section | A/mm² | **12 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | | | |
| Rated current | A | 12 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | | | |
| 10-36 V AC/DC, with LED | ZSI 2.5/2/LD 28AC | 10 | **1616470000** |
| 30-70 V AC/DC, with LED | ZSI 2.5/2/LD 60AC | 10 | **1616480000** |
| 60-150 V AC/DC, with LED | ZSI 2.5/2/LD 120AC | 10 | **1616490000** |
| 140-250 V AC/DC, with LED | ZSI 2.5/2/LD 250AC | 10 | **1616500000** |
| **Note** | For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV. | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQS 2.5/2 | 10 A | 20 | **1633200000** |
| 3-pole | ZQS 2.5/3 | 10 A | 20 | **1633210000** |
| 4-pole | ZQS 2.5/4 | 10 A | 20 | **1633220000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | | | | |
| Dark beige Wemid | ZAP TNHE/ZSI2.5 | 1.1 mm | 25 | **1610840000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **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 | GZ 10.0A | | 10 | **0293900000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | |
| **Note** | Status display using a bi-directional LED. With use of inch fuse cartridges. | |

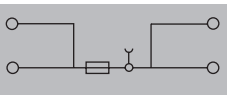
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

## ZSI 2.5 2x2 AN — 2.5 mm²

**For metric fuses 5 x 20 mm / 5 x 25 mm**

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 12.2 x 68 x 55.5 |
| max. current / max. cond. cross-section | A/mm² | **10 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## ZSI 2.5-2

**Overload and short-circuit protection**

## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | 300 (C) | 300 (C) |
| Rated current | A | 10 | 10 (C) | 10 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 4 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A | | |

IEC 60947-7-3

## 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 | |
| | $T_A$ max. | Nominal values | $T_A$ max. | Nominal values |
| Individual | | | 39 °C | 2.5 W / 6.3 A |
| In combination | | | 41 °C | 1.6 W / 6.3 A |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | ZSI 2.5-2/2X2AN/G20 | 20 | **1826050000** |
| 10-36 V AC/DC, with LED | | | |
| 60-150 V AC/DC, with LED | | | |
| 140-250 V AC/DC, with LED | | | |
| **Note** | G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25<br>G 25 LED versions upon request. | | |

## 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 | |
| | $T_A$ max. | Nominal values | $T_A$ max. | Nominal values |
| Individual | 60 °C | | | |
| In combination | 47 °C | | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 4/2 GE | 32 A | 60 | **1608950000** |
| 3-pole | | | | |
| 4-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | G 25/0.50A/M WS | | 10 | **0510300000** |
| 1.00 A medium slow / 3 A | G 25/1.00A/M RT | | 10 | **0265800000** |
| 2.00 A fast / 5 A | G 25/2.00A/F BL | | 10 | **0192700000** |
| 4.00 A fast / 10 A | G 25/4.00A/F BR | | 10 | **0192800000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | |
| **Note** | Status display via an LED. | |

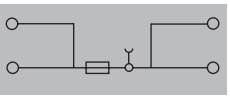
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

## ZSI 2.5 2x2 AN LED — 2.5 mm²

**For metric fuses 5 x 20 mm / 5 x 25 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 | 12.2 x 65 x 55.5 |
| max. current / max. cond. cross-section | A/mm² | **10 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | | 300 (C) | |
| Rated current | A | 10 | 10 (C) | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 4 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | | | |
| 10-36 V AC/DC, with LED | ZSI 2.5-2/2X2AN/G20/LD1 | 20 | **1867440000** |
| 60-150 V AC/DC, with LED | ZSI 2.5-2/2X2AN/G20/LD3 | 20 | **1867420000** |
| 140-250 V AC/DC, with LED | ZSI 2.5-2/2X2AN/G20/LD4 | 20 | **1879730000** |
| **Note** | G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25<br>G 25 LED versions upon request. | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 4/2 GE | 32 A | 60 | **1608950000** |
| 3-pole | | | | |
| 4-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | G 25/0.50A/M WS | | 10 | **0510300000** |
| 1.00 A medium slow / 3 A | G 25/1.00A/M RT | | 10 | **0265800000** |
| 2.00 A fast / 5 A | G 25/2.00A/F BL | | 10 | **0192700000** |
| 4.00 A fast / 10 A | G 25/4.00A/F BR | | 10 | **0192800000** |

| **Identification systems** | (see assortment in catalogue 7) |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | Status display via an LED. |

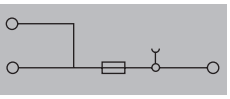
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

## ZSI 6-2 — 6 mm²

**For metric fuses 5 x 20 mm / 5 x 25 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 | 12.2 x 68 x 55.5 |
| max. current / max. cond. cross-section | A/mm² | **10 / 10** |
| Max. clamping range | mm² | **0.13...10** |



## Technical data

| Rated data | |
|---|---|
| Rated voltage to adjoining terminal | V |
| Rated current | A |
| Rated cross-section | mm² |
| Rated impulse withstand voltage / Pollution severity | |
| Gauge to IEC 60947-1 / Flammability class UL94 | |
| Approvals | |
| **Clamped conductors (H05V/H07V)** | |
| Solid / stranded | mm² |
| Flexible / Flexible with ferrule | mm² |
| Stripping length / Blade size | mm/- |
| **Note** | |

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.

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | ZSI 6-2 2X2.5/G20 | 20 | **1820930000** |
| 10-36 V AC/DC, with LED | | | |
| 60-150 V AC/DC, with LED | | | |
| 140-250 V AC/DC, with LED | | | |
| **Note** | | | |

G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25
G 25 LED versions upon request.

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | | | | |
| 4-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.8X4.0X100 | | 1 | **1274670000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | G 25/0.50A/M WS | | 10 | **0510300000** |
| 1.00 A medium slow / 3 A | G 25/1.00A/M RT | | 10 | **0265800000** |
| 2.00 A fast / 5 A | G 25/2.00A/F BL | | 10 | **0192700000** |
| 4.00 A fast / 10 A | G 25/4.00A/F BR | | 10 | **0192800000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | | Status display via an LED. |

## 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 | |
| | $T_A$ max. | Nominal values | $T_A$ 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 | |
| | $T_A$ max. | Nominal values | $T_A$ max. | Nominal values |
| Individual | 60 °C | | | |
| In combination | 47 °C | | | |

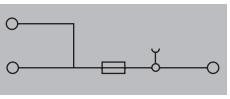
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

## ZSI 6-2 LED — 6 mm²

**For metric fuses 5 x 20 mm / 5 x 25 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 | 12.2 x 65 x 55.5 |
| max. current / max. cond. cross-section | A/mm² | **10 / 10** |
| Max. clamping range | mm² | **0.13...10** |



## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | | 300 (C) | |
| Rated current | A | 10 | 10 (C) | |
| Rated cross-section | mm² | 6 | AWG 26...12 | AWG 20...8 |
| Rated impulse withstand voltage / Pollution severity | | | 4 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 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. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | | | |
| 10-36 V AC/DC, with LED | ZSI 6-2 2X2.5/G20/LD1 | 20 | **1867500000** |
| 60-150 V AC/DC, with LED | | | |
| 140-250 V AC/DC, with LED | ZSI 6-2 2X2.5/G20/LD4 | 20 | **1879750000** |
| **Note** | G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25<br>G 25 LED versions upon request. | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | | | | |
| 4-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.8X4.0X100 | | 1 | **1274670000** |
| **G-fuse cartridge, 5 x 20mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | G 25/0.50A/M WS | | 10 | **0510300000** |
| 1.00 A medium slow / 3 A | G 25/1.00A/M RT | | 10 | **0265800000** |
| 2.00 A fast / 5 A | G 25/2.00A/F BL | | 10 | **0192700000** |
| 4.00 A fast / 10 A | G 25/4.00A/F BR | | 10 | **0192800000** |

| **Identification systems** | (see assortment in catalogue 7) |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | Status display via an LED. |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

## ZSI 6-2/FC — 6 mm²

**For car fuses**

## ZSI 6-2/FC

**Overload and short-circuit protection**

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 8.1 x 70 x 51 |
| max. current / max. cond. cross-section | A/mm² | **30 / 10** |
| Max. clamping range | mm² | **0.33...10** |

## Technical data

DIN 72581-3, IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 400 | | 300 (C) |
| Rated current | A | 30 | | 25 (C) |
| Rated cross-section | mm² | 6 | AWG 22...10 | AWG 22...10 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Stripping length / Blade size | mm/- | 10 / 4.0 x 0.8 mm | | |
| **Note** | | Fuse continuous current max. 80 % IN. | | |

| Type | Order No. |
|---|---|
| ZSI 6-2/FC | **1814690000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload | |
| | $T_A$ max. | Nominal values | $T_A$ 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

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | ZSI 6-2/FC | 25 | **1814690000** |
| 10-36 V AC/DC, with LED | ZSI 6-2/FC LD | 25 | **1814700000** |
| 60-150 V AC/DC, with LED | | | |
| 140-250 V AC/DC, with LED | | | |
| **Note** | Car fuses are not available from Weidmüller | | |

## Accessories

| | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| **Pluggable cross-connection** | | | | |
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | ZQV 6/3 GE | 41 A | 60 | **1627860000** |
| 4-pole | ZQV 6/4 GE | 41 A | 60 | **1627870000** |
| **End plate / Partition plate** | | **Width** | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.8X4.0X100 | | 1 | **1274670000** |
| **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 | DEK 5/6 / WS 12/6 | |
| **Note** | Status display using a bi-directional LED. With use of Pudenz fuses. | |

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

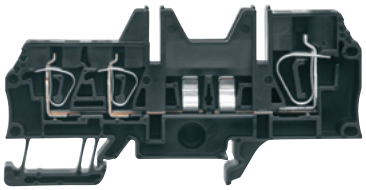
- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

## ZSI 2x6/4x2.5 FC

**6/2.5 mm²**

**Circuit breaker ETA 1170**
**28 V DC**

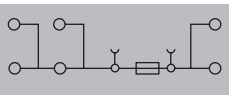
***NEW***



## ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

**Overload and short-circuit protection**

| | | |
|---|---|---|
| Width/Length/Height with TS35x7.5 | mm | 16 / 93 / 47.5 |
| Insulating stripping length | mm | **10** |



## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | | |
| Rated current | A | 57 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| | | 6 | AWG 20...8 | AWG 20...8 |
| Approvals | | | in work | in work |
| **Other technical data** | | **Output** | **Input** | |
| Clamped conductors | | | | |
| solid H07V-U | mm² | 0.5...4 | 0.5...10 | |
| stranded H07V-K | mm² | 0.5...4 | 0.5...10 | |
| „f" with ferrule acc. DIN 46 228/1 | mm² | 0.5...2.5 | 0.5...6 | |
| „f" ferrules with plastic collar | mm² | 0.5...2.5 | 0.5...6 | |
| max. clamping range in mm² | | | | |
| gauge acc. to IEC 60 947-1 | Size | 0.08...4 | 0.21...10 | |

**Note**

The maximum load of the single circuit breakers shouldn´t be exceeded.

| Type | Order No. |
|---|---|
| ZSI 2X6/4X2.5 FC | **1058520000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | ETA fuse | | Automotive fuse | |
| | $T_A$ max. | Nominal values | $T_A$ 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

## Ordering data

| | Type | Qty. | Order No. |
|---|---|---|---|
| | ZSI 2x6/4x2.5 FC | 10 | **1058520000** |

**Note**

## Accessories

| Pluggable cross-connection | | Type | Current | Qty. | Order No. |
|---|---|---|---|---|---|
| | 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| | 3-pole | | | | |
| | 4-pole | | | | |
| **End plate / partition** | | | | | |
| | ZAP black Wemid | ZAP ZSI2x6/4x2.5 | | 50 | **1059310000** |
| **Screwdriver** | | | | | |
| | SD acc. to DIN 5264-A | SD 0.6x3.5 | | 1 | **9008330000** |
| | | SD 0.8x4 | | 1 | **9008340000** |

| Circuit breaker ETA and car fuses* | | Circuit breaker 1170 |
|---|---|---|
| Rated voltage | | 28 V DC |
| Rated current | A | 3...25 |
| Switching capacity | A | 400 |
| Protection | IP | 40 |

| Rated current circuit breaker | A | 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** |

ETA 1180

ETA 1170

| Marking systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | DEK 5/5 MC |

*) **Note:**
not possible to order from Weidmüller

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

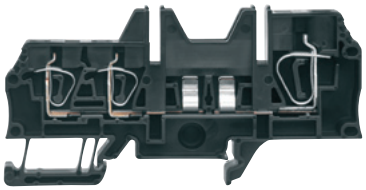
- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

## ZSI 2x6/4x2.5

**6/2.5 mm²**

**Circuit breaker ETA 1180**
**65 V DC / 250 V AC**

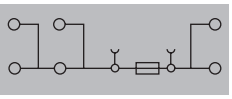
**NEW**



## ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

**Overload and short-circuit protection**

| | |
|---|---|
| Width/Length/Height with TS35x7.5 | mm |
| Insulating stripping length | mm |



## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | | |
| Rated current | A | 57 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| | | 6 | AWG 20...8 | AWG 20...8 |
| Approvals | | | in work | in work |

| Other technical data | | Output | Input |
|---|---|---|---|
| Clamped conductors | | | |
| solid H07V-U | mm² | 0.5...4 | 0.5...10 |
| stranded H07V-K | mm² | 0.5...4 | 0.5...10 |
| „f" with ferrule acc. DIN 46 228/1 | mm² | 0.5...2.5 | 0.5...6 |
| „f" ferrules with plastic collar | mm² | 0.5...2.5 | 0.5...6 |
| max. clamping range in mm² | | | |
| gauge acc. to IEC 60 947-1 | Size | 0.08...4 | 0.21...10 |

**Note**

The maximum load of the single circuit breakers shouldn´t be exceeded.

| Type | Order No. |
|---|---|
| ZSI 2X6/4X2.5 | 1265990000 |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | ETA fuse | | Automotive fuse | |
| | $T_A$ max. | Nominal values | $T_A$ 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

## Ordering data

**Note**

| Type | Qty. | Order No. |
|---|---|---|
| ZSI 2x6/4x2.5 | 10 | 1265990000 |

## Accessories

| Pluggable cross-connection | | Type | Strom | Qty. | Order No. |
|---|---|---|---|---|---|
| | 2-pole | ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| | 3-pole | | | | |
| | 4-pole | | | | |
| **End plate / partition** | | | | | |
| | ZAP black Wemid | ZAP ZSI2x6/4x2.5 | | 50 | 1059310000 |
| **Screwdriver** | | | | | |
| | SD acc. to DIN 5264-A | SD 0.6x3.5 | | 1 | 9008330000 |
| | | SD 0.8x4 | | 1 | 9008340000 |

| Circuit breaker ETA and car fuses* | | Circuit breaker 1180 |
|---|---|---|
| Rated voltage | | 65 V DC / 250 V AC |
| Rated current | A | 0.1...10 |
| Switching capacity | A | 400 |
| Protection | IP | 40 |

| Rated current circuit breaker | A | 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 | | |

ETA 1180

ETA 1170

| Marking systems | (see assortment in catalogue 7) |
|---|---|
| | Marking tags |
| | DEK 5/5 MC |

*) **Note:**
not possible to order from Weidmüller

## Cartridge fuses and gauge pieces for Weidmüller fuse terminals

### Cartridge fuses

### Technical data / Ordering data

| For terminal type | Size (mm) | Nom. current (A) | Type | | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | **G-type cartridge fuses** 5 x 20 **without** indicators to IEC 60127-2 (VDE 0820 pt.2 Bl [1]) | | | | | |
| ZSI 2.5 | | 0.1 | (F) | G 20/0.10A/F | 10 | **0430300000** |
| ZSI 6-2 2 x 2.5/G20... | 5 x 20 | 0.2 | (F) | G 20/0.20A/F | 10 | **0430400000** |
| ZSI 2.5 2 x 2 AN/G20... | breaking capacity 1500 A | 0.25 | (F) | G 20/0.25A/F | 10 | **0430500000** |
| | (at 250 V, 50 Hz, cos φ 0.7) | 0.5 | (F) | G 20/0.50A/F | 10 | **0430600000** |
| | | 0.63 | (F) | G 20/0.63A/F | 10 | **0439000000** |
| | | 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[1]) | | | | | |
| ZSI 2.5/ 5 x 25 | 5 x 25 m. K.1) | 0.25 | (M) | G 25/0.25A/M | 10 | **0546900000** |
| ZSI 6-2 2 x 2.5/G25... | breaking capacity 80 A | 0.5 | (M) | G 25/0.50A/M | 10 | **0510300000** |
| ZSI 2.5 2 x 2 AN/G25... | (at 250 V, 50 Hz, cos : = 1) | 0.8 | (M) | G 25/0.80A/M | 10 | **0646400000** |
| | | 1 | (M) | G 25/1.00A/M | 10 | **0265800000** |
| | | 10 | (M)[5]) | 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 | | | | | |
| ZSI 2.5/2 | 33 kA breaking capacity 33 kA fast-blow | 0.5 | | GZ 0.5A/F | 10 | **0533800000** |
| | E 0.5 A | 1 | | GZ 1.0A/F | 10 | **0525500000** |
| | E 1 A | 2 | | GZ 2.0A | 10 | **0294500000** |
| | E 2 A | 3 | | GZ 3.0A | 10 | **0295700000** |
| | E 3 A | 5 | | GZ 5.0A | 10 | **0294600000** |
| | E 5 A | 7 | | GZ 7.0A | 10 | **0295800000** |
| | E 7 A | 10 | | GZ 10.0A | 10 | **0293900000** |
| | E 10 A | 12.5 | | GZ 12.5A FF | 10 | **0245400000** |
| | | (M) = medium-blow (F) = fast-blow | | | | |

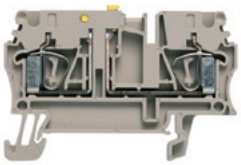
**Note:** [1]) The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V~ shipbuilding applications.

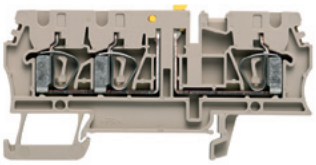
## Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

| | | ZTR 2.5 — 2.5 mm² | ZTR 2.5/3AN — 2.5 mm² |
|---|---|---|---|
| | | Two connections | Three connections |
| Width/Length/Height of lowest version | mm | 5.1 x 59.5 x 41 | 5.1 x 79.5 x 41 |
| max. current / max. cond. cross-section | A/mm² | 20 / 4 | 20 / 4 |
| Max. clamping range | mm² | 0.05...4 | 0.05...4 |





## Technical data

| Rated data | | ZTR 2.5 | ZTR 2.5/3AN |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 500 / 600 (C) / 600 (C) | 500 / 600 (C) / 300 (C) |
| Rated current | A | 20 / 20 (C) / 15 (C) | 20 / 20 (C) / 10 (C) |
| Rated cross-section | mm² | 2.5 / AWG 30...12 / AWG 30...12 | 2.5 / AWG 30...12 / AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | CSA UL | CSA UL |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |

## Ordering data

| Version | ZTR 2.5 Type | Qty. | Order No. | ZTR 2.5/3AN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZTR 2.5 | 100 | 1831280000 | ZTR 2.5/3AN | 100 | 8731720000 |
| Blue Wemid | ZTR 2.5 BL | 100 | 8731710000 | ZTR 2.5/3AN BL | 100 | 8731730000 |
| Without isolator, Dark beige Wemid | ZTR 2.5/0.TNHE | 100 | 1831130000 | ZTR 2.5/3AN/0.TNHE | 100 | 8728450000 |
| Orange Wemid | ZTR 2.5 OR | 100 | 8731680000 | ZTR 2.5/3AN OR | 100 | 8731690000 |
| **Note** | | | | | | |

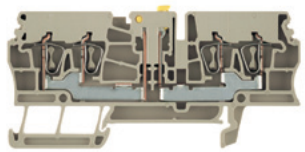
## Accessories

| Pluggable cross-connection | ZQV 2.5 Type | current | Qty. | Order No. | ZQV 2.5 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW 1 | 2 mm | 50 | 1608740000 | ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Testing / Checking** | | | | | | | | |
| Test plug | PS 2.3 RT | 5.4 mm | 20 | 0180400000 | PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA 1 | 5.1 mm | 25 | 1609040000 | ZTA 1 | 5.1 mm | 25 | 1609040000 |
| With assembly peg | ZTA 1/ZA | 5.1 mm | 25 | 1609050000 | ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | If the disconnect lever is replaced by the SIHA 3, a fused terminal is created. | If the disconnect lever is replaced by the SIHA 3, a fused terminal is created. |

## ZTR 2.5/4AN — 2.5 mm²

**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 mm² 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 |

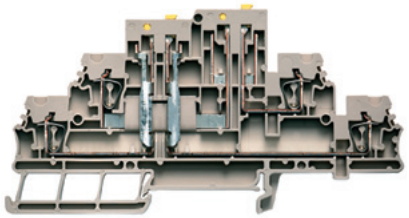
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| | **Width** | | |
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 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

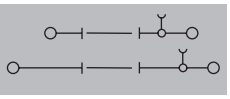
If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

## ZDTR 2.5 — 2.5 mm²

**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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

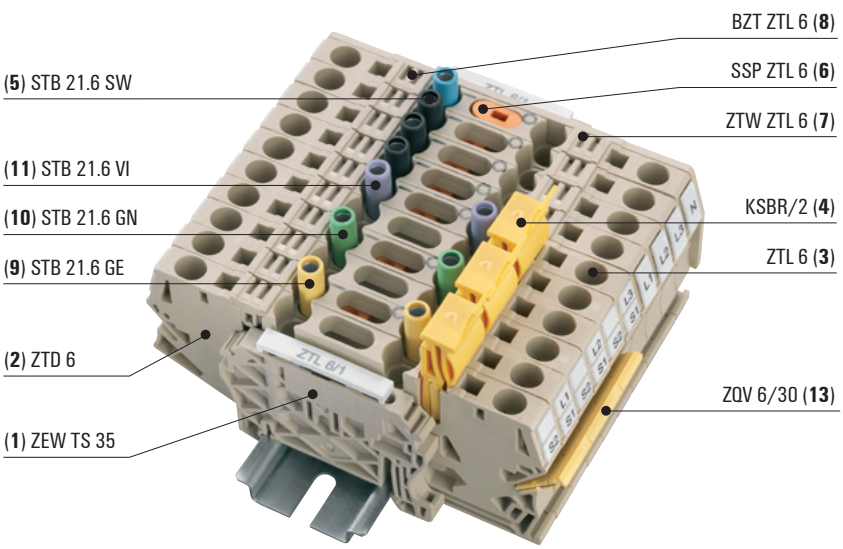
| Type | Qty. | Order No. |
|---|---|---|
| ZDTR 2.5 | 20 | 1745400000 |
| ZDTR 2.5 BL | 20 | 1798330000 |
| | | |

| 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 |
| | | | |
| | | | |
| | | | |
| | | | |

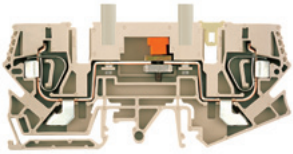
DEK 5/5

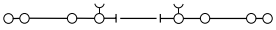
If the disconnect lever is replaced by the SIHA 3 (only on the top level), a fused terminal is created.

## Test-disconnect terminal blocks for measuring with ZTL 6

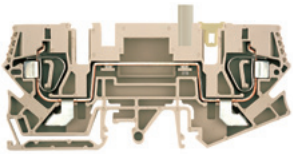


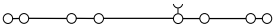

| Pos. | Type | Qty. | Order No. |
|---|---|---|---|
| 1 | ZEW TS 35 (nur TS 35) | 20 | 9540000000 |
| 1 | EWK1 (nur TS 32) | 50 | 0206160000 |
| 2 | ZTD 6 | 20 | 1771810000 |
| 3 | ZTL 6 | 20 | 1771800000 |
| 4 | KSBR/2 | 50 | 1771820000 |
| 5 | STB 21.6 SW | 50 | 1071040000 |
| 6 | SSP ZTL 6 | 100 | 1771860000 |
| 7 | ZTW ZTL 6 | 20 | 1771870000 |
| 8 | BZT ZTL 6 | 20 | 1781140000 |
| Optionally available for better labelling (instead of 11 x Pos. 5): | | | |
| **Pos.** | **Type** | **Qty.** | **Order No.** |
| 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: | | | |





ZTL 6/STB

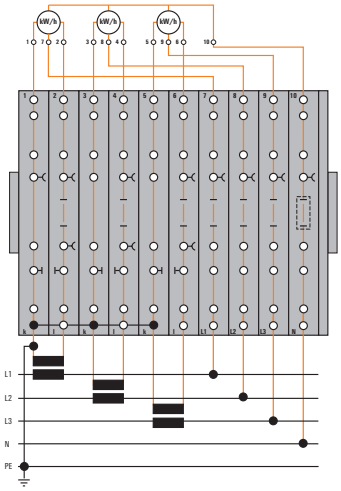




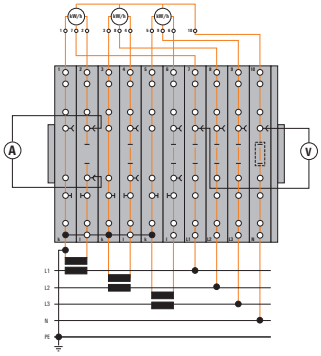
ZTD 6/STB

### Operating status

(with internal distribution of the k-point)



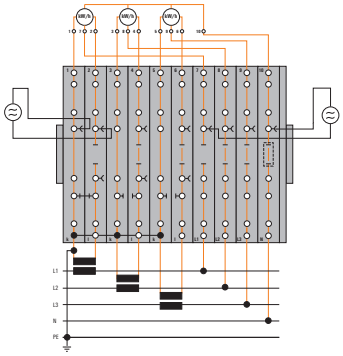
### Comparison measurement for L1



**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 voltameter to test sockets of terminals 7 and 10.

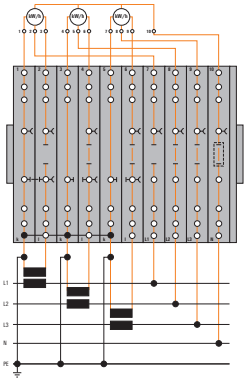
### Meter test for L1 through external power supply



**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



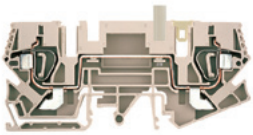
**Operation depending on the operating status:**

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.

Terminal for power supply

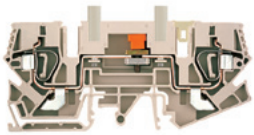
## ZTD 6 — 6 mm²

**Feed-through terminal**



## ZTL 6 — 6 mm²

**Disconnect test terminal**



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

| | | ZTD 6 | ZTL 6 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 8 x 106 x 48 | 8 x 106 x 48 |
| max. current / max. cond. cross-section | A/mm² | **52 / 10** | **52 / 10** |
| Max. clamping range | mm² | **0.5...10** | **0.5...10** |

## Technical data

| | | ZTD 6 | | | ZTL 6 | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 800 | 300 (C) | 300 (C) | 800 | 300 (C) | 300 (C) |
| Rated current | A | 41 | 33 (C) | 33 (C) | 41 | 33 (C) | 33 (C) |
| Rated cross-section | mm² | 6 | AWG 20...8 | AWG 20...8 | 6 | AWG 20...8 | AWG 20...8 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | | | A5 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 / 1.5...6 | | | 0.5...10 / 1.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...6 / 0.5...6 | | | 0.5...6 / 0.5...6 | | |
| Stripping length / Blade size | mm/- | 13 / 0.8 x 4.0 mm | | | 13 / 0.8 x 4.0 mm | | |
| **Note** | | 400 V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm. | | | 400 V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm. | | |

## Ordering data

| Version | ZTD 6 Type | Qty. | Order No. | ZTL 6 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Without socket | ZTD 6 | 20 | **1771810000** | ZTL 6 | 20 | **1771800000** |
| with socket | ZTD 6/STB | 20 | **1771960000** | ZTL 6/STB | 20 | **1771950000** |
| **Note** | | | | | | |

## Accessories

| | ZTD 6 Type | current | Qty. | Order No. | ZTL 6 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** | ZQV 6/2 GE | 41 A | 60 | **1627850000** |
| 3-pole | ZQV 6/3 GE | 41 A | 60 | **1627860000** | ZQV 6/3 GE | 41 A | 60 | **1627860000** |
| 4-pole | ZQV 6/4 GE | 41 A | 60 | **1627870000** | ZQV 6/4 GE | 41 A | 60 | **1627870000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| End plate | ZTW ZTL6 | 2 mm | 20 | **1771870000** | ZTW ZTL6 | 2 mm | 20 | **1771870000** |
| **Testing / Checking** | | | | | | | | |
| Test plug | PS 4 F.STB 4 | 7.6 mm | 20 | **0299600000** | PS 4 F.STB 4 | 7.6 mm | 20 | **0299600000** |
| Socket - blue | STB 21.6/IH/BL WTL6/3 | 6.2 mm | 50 | **1071080000** | STB 21.6/IH/BL WTL6/3 | 6.2 mm | 50 | **1071080000** |
| Socket - yellow | STB 21.6/IH/GE WTL6/3 | 6.2 mm | 50 | **1071010000** | STB 21.6/IH/GE WTL6/3 | 6.2 mm | 50 | **1071010000** |
| Socket - green | STB 21.6/IH/GN WTL6/3 | 6.2 mm | 50 | **1071020000** | STB 21.6/IH/GN WTL6/3 | 6.2 mm | 50 | **1071020000** |
| Socket - magenta | STB 21.6/IH/VI WTL6/3 | 6.2 mm | 50 | **1071030000** | STB 21.6/IH/VI WTL6/3 | 6.2 mm | 50 | **1071030000** |
| **Miscellaneous accessories** | | | | | | | | |
| Lockout device | | | | | SSP ZTL6 | 6 mm | 100 | **1771860000** |
| Short-circuit plug, 2-pole | KSBR/2 ZTL6 | 13.7 mm | 20 | **1771820000** | KSBR/2 ZTL6 | 13.7 mm | 20 | **1771820000** |
| Short-circuit plug, 3-pole | KSBR/3 ZTL6 | 23.2 mm | 20 | **1771830000** | KSBR/3 ZTL6 | 23.2 mm | 20 | **1771830000** |
| Short-circuit plug, 4-pole | KSBR/4 ZTL6 | 31.3 mm | 20 | **1771840000** | KSBR/4 ZTL6 | 31.3 mm | 20 | **1771840000** |
| **Marker holder** | | | | | | | | |
| | BZT ZTL6 | 7.8 mm | 20 | **1781140000** | BZT ZTL6 | 7.8 mm | 20 | **1781140000** |

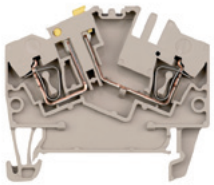
| | | ZTD 6 | ZTL 6 |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/8 / WS 12/6,5 | DEK 5/8 / WS 12/6,5 |
| **Note** | | Pluggable label holders for additional labelling tags are above the cross-connection channel (BZT ZTL 6). | Pluggable label holders for additional labelling tags are above the cross-connection channel (BZT ZTL 6). |

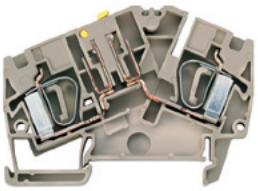
## Standard model and Roof-style

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.

| | | ZTR 2.5-2 | ZTR 6-2 |
|---|---|---|---|
| | | 2.5 mm² | 6 mm² |
| | | Two connections | 2 connections |
| Width/Length/Height of lowest version | mm | 5.1 x 50.5 x 44 | 8.1 x 70 x 51 |
| max. current / max. cond. cross-section | A/mm² | 21 / 2.5 | 30 / 10 |
| Max. clamping range | mm² | 0.13...2.5 | 0.05...10 |





## Technical data

| Rated data | | ZTR 2.5-2 | | | ZTR 6-2 | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 400 | 300 (D) | 300 (C) | 500 | | |
| Rated current | A | 10 | 10 (D) | 10 (C) | 30 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 6 | | |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A5 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...2.5 | | | 0.5...10 / 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | | | 0.5...6 / 0.5...6 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 12 / 0.6 x 3.5 mm | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | | |

## Ordering data

| Version | ZTR 2.5-2 Type | Qty. | Order No. | ZTR 6-2 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZTR 2.5-2 | 100 | 1779010000 | ZTR 6-2 | 50 | 1023830000 |
| Blue Wemid | ZTR 2.5-2 BL | 100 | 1779120000 | | | |
| Without isolator, Dark beige Wemid | ZTR 2.5-2/0.TNHE | 100 | 1779020000 | | | |
| Orange Wemid | ZTR 2.5-2 OR | 100 | 1779130000 | | | |
| **Note** | | | | | | |

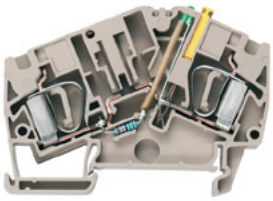
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | | | | |
| 20-/24-pole | | | | | ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW7 | 2.5 mm | 50 | 1706110000 | ZAP ZDU6-2 | 2 mm | 50 | 1771440000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS 0.6X3.5X100 | | 1 | 9008390000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | | | | |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | | | | |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | | | | |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | | | | |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | | | | |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | | | | |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | | | | |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 14/5 | | | | | | | |
| **Note** | If the disconnect lever is replaced by the SIHA 2, a fused terminal is created. | | | | | | | |

## Roof-style

## ZTR 6-2 E

**6 mm²**



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 | 8.1 x 70 x 51 |
| max. current / max. cond. cross-section | A/mm² | **20 / 10** |
| Max. clamping range | mm² | **0.05...10** |

## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 230 | | |
| Rated current | A | 20 | | |
| Rated cross-section | mm² | 6 | | |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 0.5...10 / 0.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...6 / 0.5...6 |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm |

**Note**

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid, 230 V UC | ZTR 6-2 E / 230V UC | 10 | **8817930000** |
| Dark beige Wemid, 24 V DC | ZTR 6-2 E / 24V DC | 10 | **8817920000** |

**Note**

## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | ZAP ZDU6-2 | 2 mm | 50 | **1771440000** |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | |
| With assembly peg | ZTA 7/ZA | 8.1 mm | 25 | **1780670000** |
| **Screwdriver** | | | | |
| Standard | SDIS 0.6X3.5X100 | | 1 | **9008390000** |

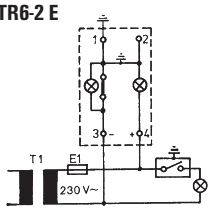
(see assortment in catalogue 7)

**Note**

## Operation mode

### Operating mode

**ZTR6-2 E**

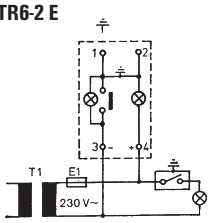



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

### Test position

When measuring insulation resistance with voltages greater than $U_{Nom}$, the earth connection must first be disconnected.

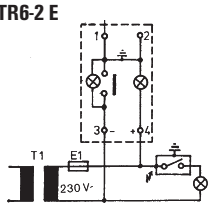
**ZTR6-2 E**




- 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 $U_{Nom}$, 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

N-cross-connections with busbar system 10 x 3 mm.

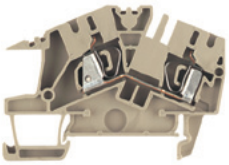
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## ZDU 2.5 S — 2.5 mm²

**Two connections**

## ZDU 4 S — 4 mm²

**Two connections**



| | | ZDU 2.5 S | ZDU 4 S |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 61 x 44 | 6.1 x 64.2 x 46 |
| max. current / max. cond. cross-section | A/mm² | **24 / 4** | **32 / 6** |
| Max. clamping range | mm² | **0.5...4** | **0.5...6** |

## Technical data

| | | ZDU 2.5 S | | | ZDU 4 S | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 400 | | | 400 | | |
| Rated current | A | 24 | | | 32 | | |
| Rated cross-section | mm² | 2.5 | | | 4 | | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A2 / V-0 | | | A3 / V-0 | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | | 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...4 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

## Ordering data

| Version | ZDU 2.5 S Type | Qty. | Order No. | ZDU 4 S Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 2.5 S | 100 | **1808010000** | ZDU 4 S | 100 | **1808360000** |
| Blue Wemid | ZDU 2.5 S BL | 100 | **1808020000** | ZDU 4 S BL | 100 | **1808370000** |
| **Note** | The distance from holding plate to holding plate should be 200 mm. | | | The distance from holding plate to holding plate should be 200 mm. | | |

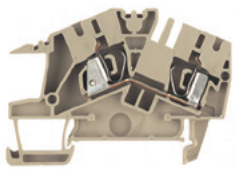
## Accessories

| | ZDU 2.5 S Type | current | Qty. | Order No. | ZDU 4 S Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 2.5/2 | 24 A | 60 | **1608860000** | ZQV 4/2 GE | 32 A | 60 | **1608950000** |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | **1608870000** | ZQV 4/3 GE | 32 A | 60 | **1608960000** |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | **1608880000** | ZQV 4/4 GE | 32 A | 60 | **1608970000** |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | **1608940000** | ZQV 4/10 GE | 32 A | 20 | **1609030000** |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | **1908960000** | ZQV 4/20 GE | 32 A | 20 | **1909010000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP ZDU 2.5 S | 2 mm | 20 | **1808030000** | ZAP ZDU 4 S | 2 mm | 20 | **1808380000** |
| Blue Wemid | ZAP ZDU 2.5 S BL | 2 mm | 20 | **1808040000** | ZAP ZDU 4 S BL | 2 mm | 20 | **1808390000** |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | ZHP S | 3 mm | 20 | **1808290000** | ZHP S | 3 mm | 20 | **1808290000** |
| For a vertical installation position | ZHP S SO | 3 mm | 20 | **1808280000** | ZHP S SO | 3 mm | 20 | **1808280000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/6 |
| **Note** | | | |

## ZDU 6S — 6 mm²

**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 mm²

**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 mm²

**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 |

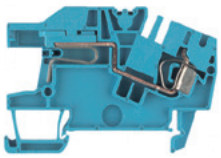
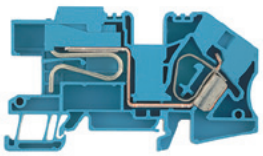
The distance from holding plate to holding plate should be 200 mm.

| 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

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.

| | | ZNT 6 S | ZNT 10 S |
|---|---|---|---|
| | | 6 mm² | 10 mm² |
| | | Two connections | Two connections |
| | |  |  |
| Width/Length/Height of lowest version | mm | 8.1 x 64.35 x 50.09 | 10 x 86.5 x 50 |
| max. current / max. cond. cross-section | A/mm² | **41 / 10** | **/ 16** |
| Max. clamping range | mm² | **0.5...10** | **1.3...16** |

## Technical data

| Rated data | | ZNT 6 S | ZNT 10 S |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 250 | 400 / 600 (C) / 300 (C) |
| Rated current | A | 41 | 57 / 55 (C) / 55 (C) |
| Rated cross-section | mm² | 6 | 10 / AWG 16...6 / AWG 16...6 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | A6 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...10 | 1.5...16 / 1.5...16 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | 1.5...10 / 1.5...10 |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | 18 / 1.0 x 5.5 mm |
| **Note** | | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | | | | | | |
| Blue Wemid | ZNT 6 S | 50 | **1808320000** | ZNT 10S | 25 | **1739560000** |
| **Note** | The distance from holding plate to holding plate should be 200 mm. | | | The distance from holding plate to holding plate should be 200 mm. | | |

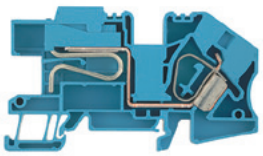
## Accessories

| | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 6/2 GE | 41 A | 60 | **1627850000** | ZQV 16/2 | 76 A | 25 | **1739690000** |
| 3-pole | ZQV 6/3 GE | 41 A | 60 | **1627860000** | | | | |
| 4-pole | ZQV 6/4 GE | 41 A | 60 | **1627870000** | | | | |
| 20-/24-pole | ZQV 6/24 GE | 41 A | 10 | **1908990000** | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP ZDU 6 S | 2 mm | 20 | **1808250000** | ZAP ZDU10/16S | 2 mm | 20 | **1739660000** |
| Blue Wemid | ZAP ZDU 6 S BL | 2 mm | 20 | **1808260000** | | | | |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | ZHP S | 3 mm | 20 | **1808290000** | | | | |
| For a vertical installation position | ZHP S SO | 3 mm | 20 | **1808280000** | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.8X4.0X100 | | 1 | **1274670000** | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25.5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | **0348900000** | SSCH 10X3X1000 CU/SN | 10 mm | 1 | **0348900000** |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0.5 - 6 / 4 mm² | ZB 4K BL | 6 mm | 50 | **0475380000** | ZB 4K BL | 6 mm | 50 | **0475380000** |
| Rigid / flexible 6 - 16 mm² | ZB 16K BL | 10 mm | 50 | **0502880000** | ZB 16K BL | 10 mm | 50 | **0502880000** |
| Flexible 16 - 35 mm² | ZB 35K BL M6X16 | 14 mm | 20 | **0502680000** | ZB 35K BL M6X16 | 14 mm | 20 | **0502680000** |

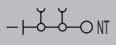
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/8 / WS 10/6 | DEK 5/5 |
| **Note** | | | |

## ZNT 16/S — 16 mm²

**Two connections**



12 x 95 x 50
**76 / 25**
**1.5...25**




IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 400 | 600 (C) | 300 (C) |
| 76 | 58 (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. |
|---|---|---|
| ZNT 16S | 25 | 1739600000 |

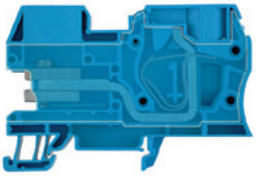
The distance from holding plate to holding plate should be 200 mm.

| 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 35/M6X16 | 14 mm | 20 | 0266500000 |

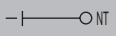
DEK 5/5

## ZNT 35 — 35 mm²

**Two connections**



16 x 88.5 x 59
**125 / 35**
**2.5...35**




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 |
|---|
| 2.5...10 / 16...35 |
| 2.5...35 / 2.5...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.

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | **Width** | | |
| 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

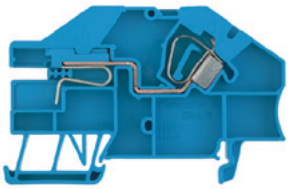
Integrated end plate.

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.

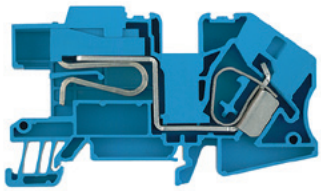
## ZDU 4 NT — 4 mm²

**Modified busbar position**



## ZDU 10 NT — 10 mm²

**Modified busbar position**



| | | ZDU 4 NT | ZDU 10 NT |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 78.5 x 50.5 | 10 x 86.5 x 50 |
| max. current / max. cond. cross-section | A/mm² | **32 / 6** | **57 / 16** |
| Max. clamping range | mm² | **0.13...6** | **1.5...16** |

## Technical data

| | | ZDU 4 NT | ZDU 10 NT |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 250 | 250 |
| Rated current | A | 32 | 57 |
| Rated cross-section | mm² | 4 | 10 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 4 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | A6 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...6 | 1.5...10 / 1.5...16 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | 1.5...10 / 1.5...10 |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | 18 / 1.0 x 5.5 mm |
| **Note** | | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 4/NT DB | 50 | **1778080000** | | | |
| Blue Wemid | ZDU 4/NT | 50 | **1757980000** | ZDU 10/NT | 25 | **1762420000** |
| **Note** | Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants. | | | Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants. | | |

## Accessories

| | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | | | | | ZQV 10/2 | 17.5 A | 25 | **1739680000** |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP ZDU4/NT | 1.5 mm | 20 | **1757970000** | ZAP ZDU10/16S | 2 mm | 20 | **1739660000** |
| Blue Wemid | | | | | | | | |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | | | | | | | | |
| For a vertical installation position | ZHP ZDU4/NT SO | 3 mm | 20 | **1803890000** | ZHP ZDU4/NT SO | 3 mm | 20 | **1803890000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 1.0X4.5X125 | | 1 | **1274680000** |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25.5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | **0348900000** | SSCH 10X3X1000 CU/SN | 10 mm | 1 | **0348900000** |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0.5 - 6 / 4 mm² | ZB 4K BL | 6 mm | 50 | **0475380000** | ZB 4K BL | 6 mm | 50 | **0475380000** |
| Rigid / flexible 6 - 16 mm² | ZB 16K BL | 10 mm | 50 | **0502880000** | ZB 16K BL | 10 mm | 50 | **0502880000** |
| Flexible 16 - 35 mm² | ZB 35K BL M6X16 | 14 mm | 20 | **0502680000** | ZB 35K BL M6X16 | 14 mm | 20 | **0502680000** |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | |
| Marking tags | DEK 5/5 / WS 15/5 | | | | 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.

| | | ZPE 2.5 S | ZPE 4 S |
|---|---|---|---|
| | | 2.5 mm² | 4 mm² |
| | | Two connections | Two connections |
| Width/Length/Height of lowest version | mm | 5.1 x 62.5 x 44 | 6.1 x 65.5 x 46 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 6 |
| Max. clamping range | mm² | 0.5...4 | 0.5...6 |

## Technical data

| Rated data | | ZPE 2.5 S | ZPE 4 S |
|---|---|---|---|
| | | IEC 60947-7-2 | IEC 60947-7-2 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 | 400 |
| Rated cross-section | mm² | 2.5 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...4 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | ZPE 2.5 S | 100 | 1808330000 | ZPE 4 S | 100 | 1808340000 |
| **Note** | | The distance from holding plate to holding plate should be 200 mm. | | | The distance from holding plate to holding plate should be 200 mm. | | |

## Accessories

| | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **End plate / Partition plate** | Dark beige Wemid | ZAP ZDU 2.5 S | 2 mm | 20 | 1808030000 | ZAP ZDU 4 S | 2 mm | 20 | 1808380000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | | |
| | Blue Wemid<br>For a vertical installation position | ZHP S | 3 mm | 20 | 1808290000 | ZHP S | 3 mm | 20 | 1808290000 |
| | | ZHP S SO | 3 mm | 20 | 1808280000 | ZHP S SO | 3 mm | 20 | 1808280000 |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/5 / WS 10/5 | DEK 5/6 / WS 10/6 |
| **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.

| | | ZPE 6 S | ZPE 10/S |
|---|---|---|---|
| | | 6 mm² | 10 mm² |
| | | Two connections | Two connections |
| | | | |
| Width/Length/Height of lowest version | mm | 8.1 x 65.5 x 50.09 | 10 x 86.5 x 48.5 |
| max. current / max. cond. cross-section | A/mm² | / 10 | / 16 |
| Max. clamping range | mm² | 0.5...10 | 1.3...16 |

## Technical data

| Rated data | | ZPE 6 S | ZPE 10/S |
|---|---|---|---|
| | | IEC 60947-7-2 | IEC 60947-7-2 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 | 400 |
| Rated cross-section | mm² | 6 | 10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | A6 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...10 | 1.5...16 / 1.5...16 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | 1.5...10 / 1.5...10 |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | 18 / 1.0 x 5.5 mm |
| **Note** | | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | ZPE 6 S | 100 | 1808350000 | ZPE 10S | 25 | 1739570000 |
| **Note** | The distance from holding plate to holding plate should be 200 mm. | | | The distance from holding plate to holding plate should be 200 mm. | | |

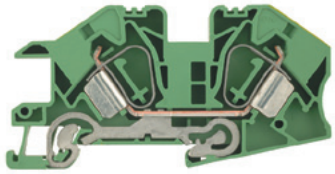
## Accessories

| | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **End plate / Partition plate** | | | | | | | | |
| Dark beige Wemid | ZAP ZDU 6 S | 2 mm | 20 | 1808250000 | ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | ZHP S | 3 mm | 20 | 1808290000 | | | | |
| For a vertical installation position | ZHP S SO | 3 mm | 20 | 1808280000 | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 1.0X4.5X125 | | 1 | 1274680000 |

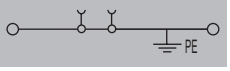
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/8 / WS 10/6 | DEK 5/5 / WS 10/5 |
| **Note** | | | |

## 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** |

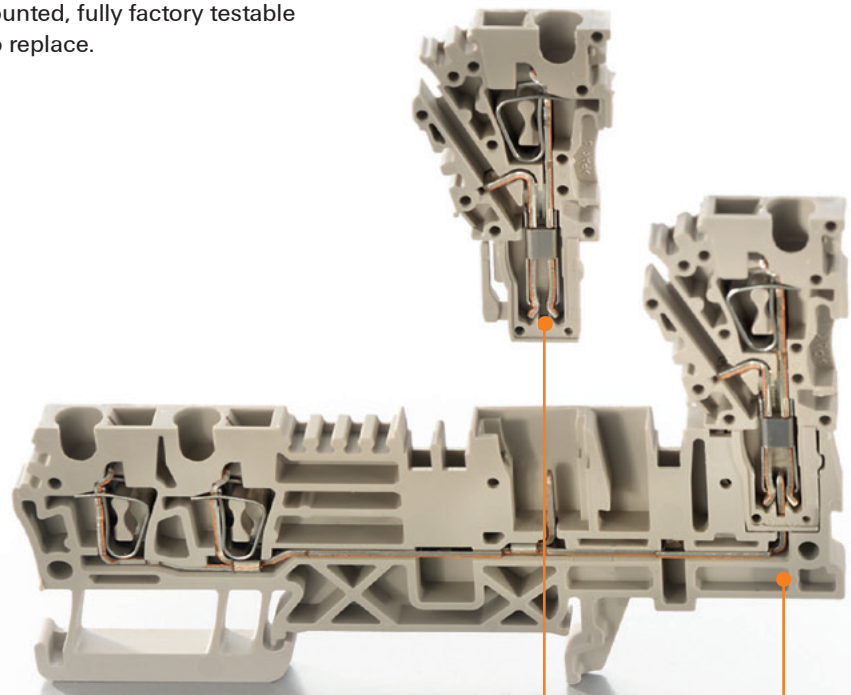
DEK 5/5

# WeiCoS pluggable terminal block system

**Connecting prefabricated functional units with speed and versatility**

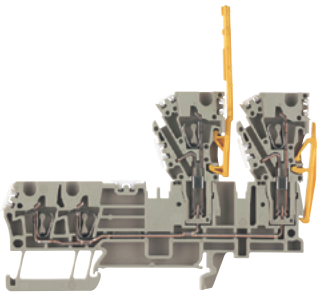
Our pluggable terminal rails with tension-clamp connections enable you to change functional units in the electrical cabinet quickly and simply.

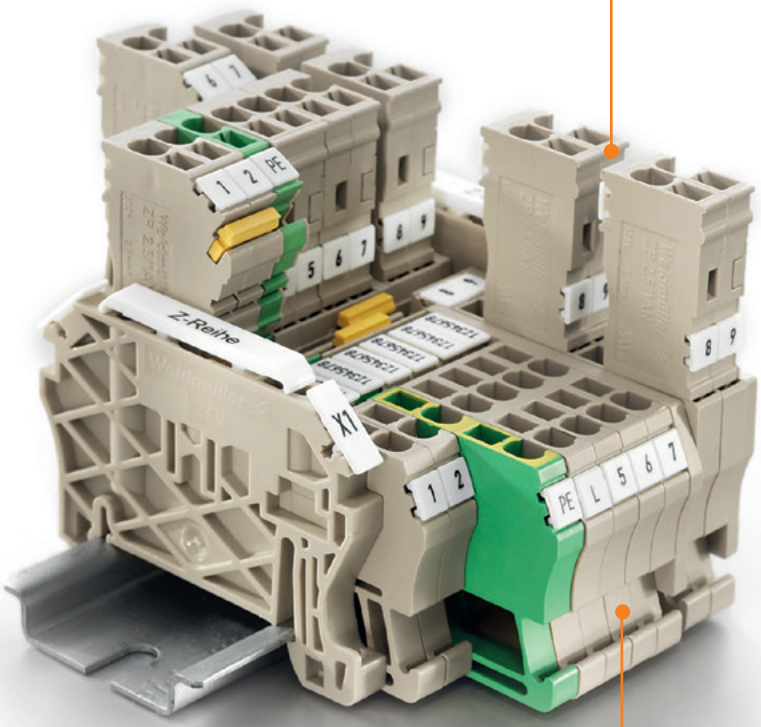
Modular and flexible connection systems are especially in demand where complete functional units have to be prefabricated or replaced. Here WeiCoS (Weidmüller Connection System) – pluggable terminal blocks – show their full strengths. Quickly mounted, fully factory testable functional units which are faster and easier to replace.



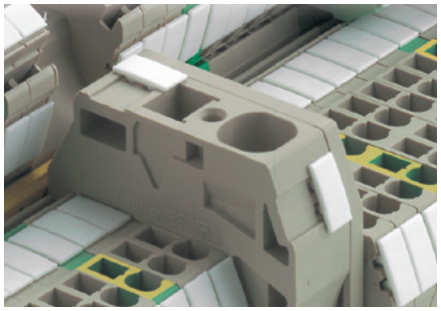
**Reliable connection**
Terminal rails and plugs have tension-clamp connections that separate the electrical and mechanical functions from each other. The steel tension clamps as well as the external plug contacts ensure optimum contact forces; the copper busbars, lower voltage drops.

**Solid interlock**
All the connectors can be locked securely to the base terminals using locking elements.

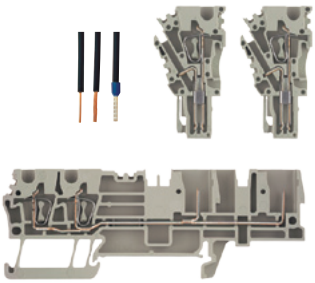





**Power supply**
Power is supplied using standard Z-series terminal blocks or with power supply terminals.



**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.



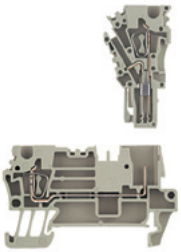
## Feed-through terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

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

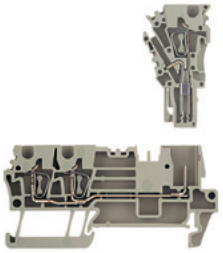
### ZT 2.5/2AN/1 — 2.5 mm²

**1 tension clamp connection / 1 pluggable connection**



### ZT 2.5/3AN/1 — 2.5 mm²

**2 tension clamp connections / 1 pluggable connection**



| | | | |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 58 x 35 | 5.1 x 71.5 x 35 |
| max. current / max. cond. cross-section | A/mm² | **24 / 4** | **24 / 4** |
| Max. clamping range | mm² | **0.13...4** | **0.13...4** |

## Technical data

| Rated data | | ZT 2.5/2AN/1 | | | ZT 2.5/3AN/1 | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1, IEC 61984 | | | IEC 60947-7-1, IEC 61984 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 500 | 300 (C) | 300 (C) | 500 | 300 (C) | 300 (C) |
| Max. voltage of clamp support & pluggable system | V | 690 | | | 690 | | |
| Rated current | A | 24 | 20 (C) | 20 (C) | 24 | 20 (C) | 20 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | 26...12 | 2.5 | AWG 26...12 | 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Plug-in connection** | | **Rated connection** | **Plug-in connection** | |
| Solid / stranded | mm² | 0.5...4 | | | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5/ 0.5... | | 0.5...4 / 0.5...2.5 | 0.5/ 0.5... | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 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. | | | 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. | | |

## Ordering data

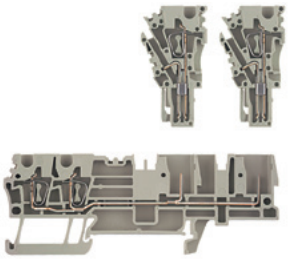
| | ZT 2.5/2AN/1 | | | ZT 2.5/3AN/1 | | |
|---|---|---|---|---|---|---|
| **Base terminal** | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| Dark beige Wemid | ZT 2.5/2AN/1 | 50 | **1815070000** | ZT 2.5/3AN/1 | 50 | **1815090000** |
| **Plug-in connector** | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| 1-pole | ZP 2.5/1AN/QV/1 | 50 | **1815190000** | ZP 2.5/1AN/QV/1 | 50 | **1815190000** |
| 2-pole | ZP 2.5/1AN/QV/2 | 25 | **1815200000** | ZP 2.5/1AN/QV/2 | 25 | **1815200000** |
| 3-pole | ZP 2.5/1AN/QV/3 | 25 | **1815210000** | ZP 2.5/1AN/QV/3 | 25 | **1815210000** |
| 4-pole | ZP 2.5/1AN/QV/4 | 25 | **1815220000** | ZP 2.5/1AN/QV/4 | 25 | **1815220000** |
| 5-pole | ZP 2.5/1AN/QV/5 | 25 | **1815230000** | ZP 2.5/1AN/QV/5 | 25 | **1815230000** |
| 6-pole | ZP 2.5/1AN/QV/6 | 25 | **1815240000** | ZP 2.5/1AN/QV/6 | 25 | **1815240000** |
| 7-pole | ZP 2.5/1AN/QV/7 | 25 | **1815250000** | ZP 2.5/1AN/QV/7 | 25 | **1815250000** |
| 8-pole | ZP 2.5/1AN/QV/8 | 20 | **1815260000** | ZP 2.5/1AN/QV/8 | 20 | **1815260000** |
| 9-pole | ZP 2.5/1AN/QV/9 | 20 | **1815270000** | ZP 2.5/1AN/QV/9 | 20 | **1815270000** |
| 10-pole | ZP 2.5/1AN/QV/10 | 20 | **1815280000** | ZP 2.5/1AN/QV/10 | 20 | **1815280000** |
| **Note** | | | | | | |

## Accessories

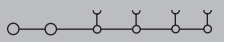
| | ZT 2.5/2AN/1 | | | | ZT 2.5/3AN/1 | | | |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | **Type** | **current** | **Qty.** | **Order No.** | **Type** | **current** | **Qty.** | **Order No.** |
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | **1909000000** | ZQV 2.5N/20 GE | 24 A | 20 | **1909000000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | **1816030000** | ZAP/TW ZT2.5/3AN | 2.5 mm | 50 | **1816050000** |
| Orange Wemid | ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | **1816040000** | ZAP/TW ZT2.5/3AN OR | 2.5 mm | 50 | **1816060000** |
| **Test adapter** | | | | | | | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | **1827080000** | ZTA ZT2.5 | 5.1 mm | 25 | **1827080000** |
| With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | **1847600000** | ZTA ZT2.5/ZA | 5.1 mm | 25 | **1847600000** |
| **Miscellaneous accessories WeiCoS** | | | | | | | | |
| Locking element | ZVR ZP2.5 | 3.9 mm | 25 | **1816130000** | ZVR ZP2.5 | 3.9 mm | 25 | **1816130000** |
| Coding element | KOSF ZT2.5 | 2.9 mm | 50 | **1816150000** | KOSF ZT2.5 | 2.9 mm | 50 | **1816150000** |
| Strain relief | ZZE ZP2.5 | 9.9 mm | 25 | **1816140000** | ZZE ZP2.5 | 9.9 mm | 25 | **1816140000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/6 / WS 10/5 | | | | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | | | | | |

## ZT 2.5/4AN/2 — 2.5 mm²

**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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

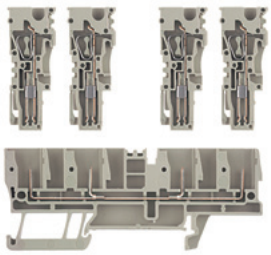
| Type | Qty. | Order No. |
|---|---|---|
| ZT 2.5/4AN/2 | 50 | 1815110000 |
| **Type** | **Qty.** | **Order No.** |
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| 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 | 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 |

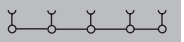
DEK 5/5 / WS 10/5

## ZT 2.5/4AN/4 — 2.5 mm²

**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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A.

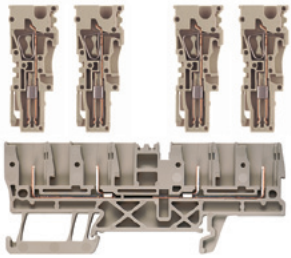
| Type | Qty. | Order No. |
|---|---|---|
| ZT 2.5/4AN/4 | 50 | 1815130000 |
| **Type** | **Qty.** | **Order No.** |
| ZP 2.5/1AN/1 | 50 | 1815430000 |
| ZP 2.5/1AN/2 | 25 | 1815440000 |
| ZP 2.5/1AN/3 | 25 | 1815450000 |
| ZP 2.5/1AN/4 | 25 | 1815500000 |
| ZP 2.5/1AN/5 | 25 | 1815510000 |
| ZP 2.5/1AN/6 | 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 | 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 |

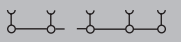
DEK 5/5 / WS 10/5

## ZT 2.5/2x2AN — 2.5 mm²

**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 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 2.5/2X2AN | 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 |

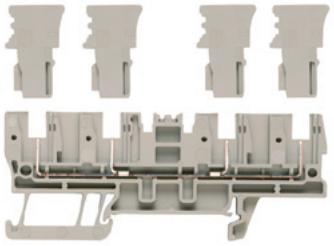
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| | **Width** | | |
| ZAP/TW ZT2.5/4AN/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

## Feed-through terminals

**ZTC 2.5/4AN/4** — **2.5 mm²**

**4 pluggable connections**



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 | 5.1 x 85.5 x 35 |
| max. current / max. cond. cross-section | A/mm² | **/ 2.5** |
| Max. clamping range | mm² | **0.5...2.5** |

## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 250 | | |
| Max. voltage of clamp support & pluggable system | V | | | |
| Rated current | A | 24 | | |
| Rated cross-section | mm² | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | | 4 kV / 2 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection | Plug-in connection |
|---|---|---|---|
| Solid / stranded | mm² | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 | |
| Stripping length / Blade size | mm/- | / | |

**Note**

## Ordering data

| Base terminal | | Type | Qty. | Order No. |
|---|---|---|---|---|
| | Dark beige Wemid | ZTC 2.5/4AN/4 | 50 | **1898450000** |
| **Plug-in connector** | | **Type** | **Qty.** | **Order No.** |
| | 1-pole | STGH ZPC2.5 DB | 50 | **2321640000** |
| | 2-pole | | | |
| | 3-pole | | | |
| | 4-pole | | | |
| | 5-pole | | | |
| | 6-pole | | | |
| | 7-pole | | | |
| | 8-pole | | | |
| | 9-pole | | | |
| | 10-pole | | | |

**Note**

## Accessories

| Pluggable cross-connection | | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|
| | 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** |
| | 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** |
| | 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** |
| | 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** |
| | 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | **1909000000** |
| **End plate / Partition plate** | | | **Width** | | |
| | Dark beige Wemid | ZAP/TW ZT2.5/4AN/4 | 2.5 mm | 50 | **1816090000** |
| | 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 | DEK 5/5 / WS 10/5 |

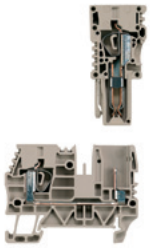
**Note**

## Feed-through terminals

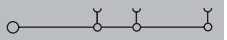
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### ZT 4/2AN/1 — 4 mm²

**1 tension clamp connection / 1 pluggable connection**

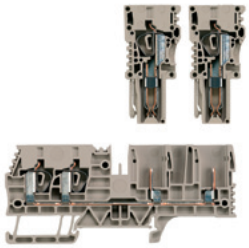


| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.5 x 58 x 43.5 |
| max. current / max. cond. cross-section | A/mm² | **32 / 6** |
| Max. clamping range | mm² | **0.13...6** |

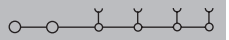


### ZT 4/4AN/2 — 4 mm²

**2 tension clamp connections / 2 pluggable connections**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.5 x 100.5 x 43.5 |
| max. current / max. cond. cross-section | A/mm² | **32 / 6** |
| Max. clamping range | mm² | **0.13...6** |



## Technical data

| | | ZT 4/2AN/1 | | | ZT 4/4AN/2 | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1, IEC 61984 | | | IEC 60947-7-1, IEC 61984 | | |
| | | **IEC** | **UL** | **CSA** | **IEC** | **UL** | **CSA** |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 800 | 600 (C) | 600 (C) |
| Max. voltage of clamp support & pluggable system | V | 800 | | | 800 | | |
| Rated current | A | 32 | 28 (C) | 28 (C) | 32 | 28 (C) | 28 (C) |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | AWG 26...10 | AWG 26...10 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | **Plug-in connection** | **Rated connection** | | **Plug-in connection** |
| Solid / stranded | mm² | 0.5...6 | | | 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...6 / 0.5...4 | | 0.5/ 0.5... | 0.5...6 / 0.5...4 | | 0.5/ 0.5... |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | | | 12 / 0.6 x 3.5 mm | | |
| **Note** | | CSA current and voltage, acc. to Gr. C | | | CSA current and voltage, acc. to Gr. C | | |

## Ordering data

| | ZT 4/2AN/1 | | | ZT 4/4AN/2 | | |
|---|---|---|---|---|---|---|
| **Base terminal** | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| Dark beige Wemid | ZT 4/2AN/1 | 50 | **1854960000** | ZT 4/4AN/2 | 50 | **1848350000** |
| **Plug-in connector** | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| 1-pole | ZP 4/1AN/1 | 50 | **1848340000** | ZP 4/1AN/1 | 50 | **1848340000** |
| 2-pole | ZP 4/1AN/2 | 25 | **1854990000** | ZP 4/1AN/2 | 25 | **1854990000** |
| 3-pole | ZP 4/1AN/3 | 25 | **1855000000** | ZP 4/1AN/3 | 25 | **1855000000** |
| 4-pole | ZP 4/1AN/4 | 25 | **1855010000** | ZP 4/1AN/4 | 25 | **1855010000** |
| 5-pole | ZP 4/1AN/5 | 20 | **1855020000** | ZP 4/1AN/5 | 20 | **1855020000** |
| 6-pole | ZP 4/1AN/6 | 20 | **1855030000** | ZP 4/1AN/6 | 20 | **1855030000** |
| 7-pole | ZP 4/1AN/7 | 20 | **1855040000** | ZP 4/1AN/7 | 20 | **1855040000** |
| 8-pole | ZP 4/1AN/8 | 20 | **1855050000** | ZP 4/1AN/8 | 20 | **1855050000** |
| 9-pole | ZP 4/1AN/9 | 10 | **1855060000** | ZP 4/1AN/9 | 10 | **1855060000** |
| 10-pole | ZP 4/1AN/10 | 10 | **1855070000** | ZP 4/1AN/10 | 10 | **1855070000** |
| **Note** | | | | | | |

## Accessories

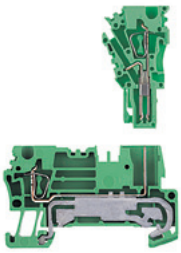
| | ZT 4/2AN/1 | | | | ZT 4/4AN/2 | | | |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | **Type** | **current** | **Qty.** | **Order No.** | **Type** | **current** | **Qty.** | **Order No.** |
| 2-pole | ZQV 4/2 GE | 32 A | 60 | **1608950000** | ZQV 4/2 GE | 32 A | 60 | **1608950000** |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZT4/2AN | 3.25 mm | 50 | **1855220000** | | | | |
| Orange Wemid | ZAP/TW ZT4/2AN OR | 3.25 mm | 50 | **1855230000** | ZAP/TW ZT4/4AN/2 OR | 3.25 mm | 50 | **1855240000** |
| **Test adapter** | | | | | | | | |
| Standard | | | | | | | | |
| With assembly peg | | | | | | | | |
| **Miscellaneous accessories WeiCoS** | | | | | | | | |
| Locking element | ZVR ZP4 | 5.5 mm | 25 | **1855250000** | ZVR ZP4 | 5.5 mm | 25 | **1855250000** |
| Coding element | KOSF ZT4 | 5.4 mm | 50 | **1856860000** | KOSF ZT4 | 5.4 mm | 50 | **1856860000** |
| Strain relief | ZZE ZP4 | 12.5 mm | 25 | **1855260000** | ZZE ZP4 | 12.5 mm | 25 | **1855260000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/6 / WS 10/6 | | | | DEK 5/6 / WS 10/6 | | | |
| **Note** | | | | | | | | |

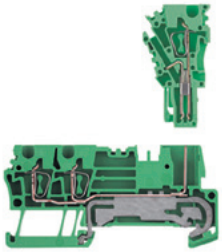
## Modular PE terminals

WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

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

| | | ZTPE 2.5/2AN/1 | ZTPE 2.5/3AN/1 |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | 1 tension clamp connection / 1 pluggable connection | 2 tension clamp connections / 1 pluggable connection |
| Width/Length/Height of lowest version | mm | 5.1 x 58 x 35 | 5.1 x 71.5 x 35 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.13...4 |





## Technical data

| | | ZTPE 2.5/2AN/1 | ZTPE 2.5/3AN/1 |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-2 | IEC 60947-7-2 |
| Rated cross-section | mm² | IEC: 2.5; UL: AWG 26...12; CSA: 26...12 | IEC: 2.5; UL: AWG 26...12; CSA: 26...12 |
| Max. voltage of clamp support & pluggable system | V | 690 | 690 |
| Rated voltage to adjoining terminal | V | 500 | 500 |
| Rated impulse withstand voltage to adjacent terminal | kV | 6 | 6 |
| Rated short-time current | | 300 A (2.5 mm²) | 300 A (2.5 mm²) |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection / Plug-in connection | Rated connection / Plug-in connection |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 / 0.5/ 0.5...2.5 | 0.5...4 / 0.5...2.5 / 0.5/ 0.5...2.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 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 | 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 |

## Ordering data

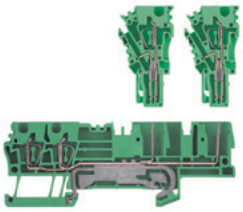
| Base terminal | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | ZTPE 2.5/2AN/1 | 50 | 1815080000 | ZTPE 2.5/3AN/1 | 50 | 1815100000 |
| **Plug-in connector** | | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| | 1-pole | ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 | ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |
| **Note** | | | | | | | |

## Accessories

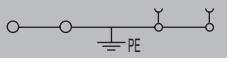
| End plate / Partition plate | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | 1816030000 | ZAP/TW ZT2.5/3AN | 2.5 mm | 50 | 1816050000 |
| | Orange Wemid | ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | 1816040000 | ZAP/TW ZT2.5/3AN OR | 2.5 mm | 50 | 1816060000 |
| **Test adapter** | | | | | | | | | |
| | Standard | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| | With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Miscellaneous accessories WeiCoS** | | | | | | | | | |
| | Locking element | ZVR ZP2.5 | 3.9 mm | 25 | 1816130000 | ZVR ZP2.5 | 3.9 mm | 25 | 1816130000 |
| | Coding element | KOSF ZT2.5 | 2.9 mm | 50 | 1816150000 | KOSF ZT2.5 | 2.9 mm | 50 | 1816150000 |
| | Strain relief | ZZE ZP2.5 | 9.9 mm | 25 | 1816140000 | ZZE ZP2.5 | 9.9 mm | 25 | 1816140000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | DEK 5/5 / WS 10/5 | | | | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | | | | | | |

## ZTPE 2.5/4AN/2 — 2.5 mm²

**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 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

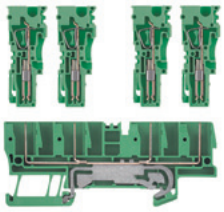
| Type | Qty. | Order No. |
|---|---|---|
| ZTPE 2.5/4AN/2 | 50 | 1815120000 |
| **Type** | **Qty.** | **Order No.** |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

| 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 |

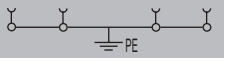
DEK 5/5 / WS 10/5

## ZTPE 2.5/4AN/4 — 2.5 mm²

**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 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

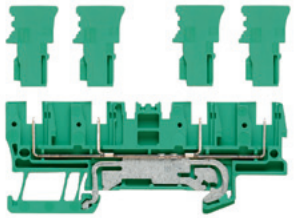
| Type | Qty. | Order No. |
|---|---|---|
| ZTPE 2.5/4AN/4 | 50 | 1815140000 |
| **Type** | **Qty.** | **Order No.** |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

| 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 |

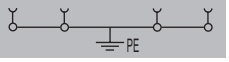
DEK 5/5 / WS 10/5

## ZTCPE 2.5/4AN/4 — 2.5 mm²

**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 mm²) | | |
| 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 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

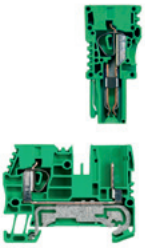
DEK 5/5 / WS 10/5

## Modular PE terminals

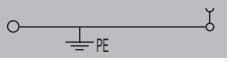
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### ZTPE 4/2AN/1 — 4 mm²

**1 tension clamp connection / 1 pluggable connection**

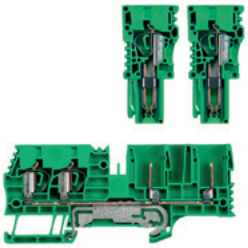


| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.5 x 58 x 43.5 |
| max. current / max. cond. cross-section | A/mm² | / 6 |
| Max. clamping range | mm² | 0.13...6 |

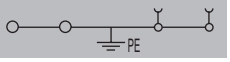



### ZTPE 4/4AN/2 — 4 mm²

**2 tension clamp connections / 2 pluggable connections**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.5 x 100.5 x 43.5 |
| max. current / max. cond. cross-section | A/mm² | / 6 |
| Max. clamping range | mm² | 0.13...6 |




## Technical data

| Rated data | | ZTPE 4/2AN/1 | | | ZTPE 4/4AN/2 | | |
|---|---|---|---|---|---|---|---|
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 | AWG 26...10 | AWG 26...10 |
| Max. voltage of clamp support & pluggable system | V | 800 | | | 800 | | |
| Rated voltage to adjoining terminal | V | 800 | | | 800 | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | 8 | | |
| Rated short-time current | | 480 A (4 mm²) | | | 480 A (4 mm²) | | |
| Pollution severity | | 3 | | | 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | **Plug-in connection** | **Rated connection** | | **Plug-in connection** |
| Solid / stranded | mm² | 0.5...6 | | | 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...6 / 0.5...4 | | / 0.5...4 | 0.5...6 / 0.5...4 | | / 0.5...4 |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | | | 12 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

| Base terminal | ZTPE 4/2AN/1 | | | ZTPE 4/4AN/2 | | |
|---|---|---|---|---|---|---|
| | Type | Qty. | Order No. | Type | Qty. | Order No. |
| green/yellow Wemid | ZTPE 4/2AN/1 | 50 | 1854970000 | ZTPE 4/4AN/2 | 50 | 1848330000 |
| **Plug-in connector** | Type | Qty. | Order No. | Type | Qty. | Order No. |
| 1-pole | ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 | ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |
| **Note** | | | | | | |

## Accessories

| End plate / Partition plate | ZTPE 4/2AN/1 | | | | ZTPE 4/4AN/2 | | | |
|---|---|---|---|---|---|---|---|---|
| | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
| Dark beige Wemid | ZAP/TW ZT4/2AN | 3.25 mm | 50 | 1855220000 | | | | |
| Orange Wemid | ZAP/TW ZT4/2AN OR | 3.25 mm | 50 | 1855230000 | ZAP/TW ZT4/4AN/2 OR | 3.25 mm | 50 | 1855240000 |
| **Test adapter** | | | | | | | | |
| Standard | | | | | | | | |
| With assembly peg | | | | | | | | |
| **Miscellaneous accessories WeiCoS** | | | | | | | | |
| Locking element | ZVR ZP4 | 5.5 mm | 25 | 1855250000 | ZVR ZP4 | 5.5 mm | 25 | 1855250000 |
| Coding element | KOSF ZT4 | 5.4 mm | 50 | 1856860000 | KOSF ZT4 | 5.4 mm | 50 | 1856860000 |
| Strain relief | ZZE ZP4 | 12.5 mm | 25 | 1855260000 | ZZE ZP4 | 12.5 mm | 25 | 1855260000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |

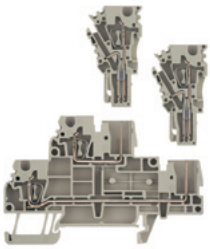
| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | | DEK 5/6 / WS 10/6 | DEK 5/6 / WS 10/6 |
| **Note** | | | |

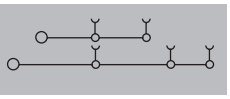
## Two-tier modular terminals

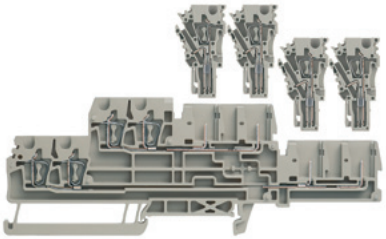
WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

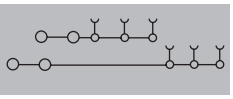
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | ZDT 2.5/2 — 2.5 mm² | ZDT 2.5/8AN/4 — 2.5 mm² |
|---|---|---|---|
| | | Two potentials feasible | |
| Width/Length/Height of lowest version | mm | 5.1 x 80.5 x 52.5 | 5.2 x 145 x 52.5 |
| max. current / max. cond. cross-section | A/mm² | 24 / 4 | / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.5...4 |









## Technical data

IEC 60947-7-1, IEC 61984

| Rated data | | ZDT 2.5/2 IEC | UL | CSA | ZDT 2.5/8AN/4 IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 500 | 300 (C) | 300 (C) | 500 | | |
| Max. voltage of clamp support & pluggable system | V | 690 | | | | | |
| Rated current | A | 24 | 20 (C) | 20 (C) | 24 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | 26...12 | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |

| Clamped conductors (H05V/H07V) | | ZDT 2.5/2 Rated connection | Plug-in connection | ZDT 2.5/8AN/4 Rated connection | Plug-in connection |
|---|---|---|---|---|---|
| Solid / stranded | mm² | 0.5...4 | | 0.5...4 / 0.5...4 | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5 | 0.5...4 / 0.5...2.5 | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm | |

**Note**

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

| Base terminal | ZDT 2.5/2 Type | Qty. | Order No. | ZDT 2.5/8AN/4 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDT 2.5/2 | 50 | 1815150000 | ZDT 2.5/8AN/4 | 50 | 1259120000 |
| **Plug-in connector** | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| 1-pole | ZP 2.5/1AN/QV/1 | 50 | 1815190000 | ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| 2-pole | ZP 2.5/1AN/QV/2 | 25 | 1815200000 | ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| 3-pole | ZP 2.5/1AN/QV/3 | 25 | 1815210000 | ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| 4-pole | ZP 2.5/1AN/QV/4 | 25 | 1815220000 | ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| 5-pole | ZP 2.5/1AN/QV/5 | 25 | 1815230000 | ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| 6-pole | ZP 2.5/1AN/QV/6 | 25 | 1815240000 | ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| 7-pole | ZP 2.5/1AN/QV/7 | 25 | 1815250000 | ZP 2.5/1AN/QV/7 | 25 | 1815250000 |
| 8-pole | ZP 2.5/1AN/QV/8 | 20 | 1815260000 | ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| 9-pole | ZP 2.5/1AN/QV/9 | 20 | 1815270000 | ZP 2.5/1AN/QV/9 | 20 | 1815270000 |
| 10-pole | ZP 2.5/1AN/QV/10 | 20 | 1815280000 | ZP 2.5/1AN/QV/10 | 20 | 1815280000 |

**Note**

## Accessories

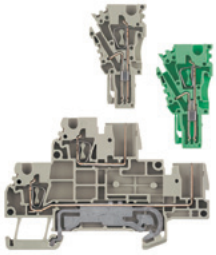
| Pluggable cross-connection | ZDT 2.5/2 Type | current | Qty. | Order No. | ZDT 2.5/8AN/4 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDT2.5/2 | 2.5 mm | 50 | 1816110000 | ZAP/TW ZDT2.5/2 | 2.5 mm | 50 | 1816110000 |
| **Test adapter** | | | | | | | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Miscellaneous accessories WeiCoS** | | | | | | | | |
| Locking element | ZVR ZP2.5 | 3.9 mm | 25 | 1816130000 | ZVR ZP2.5 | 3.9 mm | 25 | 1816130000 |
| Coding element | KOSF ZT2.5 | 2.9 mm | 50 | 1816150000 | KOSF ZT2.5 | 2.9 mm | 50 | 1816150000 |
| Strain relief | ZZE ZP2.5 | 9.9 mm | 25 | 1816140000 | ZZE ZP2.5 | 9.9 mm | 25 | 1816140000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |

| Identification systems (see assortment in catalogue 7) | ZDT 2.5/2 | ZDT 2.5/8AN/4 |
|---|---|---|
| Marking tags | DEK 5/5 | DEK 5/5 |

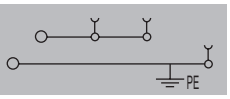
**Note**

## ZDT 2.5/2 DU-PE — 2.5 mm²

**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 mm² 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

## Two-tier modular terminals

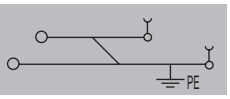
WeiCoS – Pluggable terminal blocks for wire cross-sections from 0.13 to 4 mm².

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

### ZDT 2.5/2 PE — 2.5 mm²

**2 tension clamp connections / 2 pluggable connections**

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 80.5 x 52.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 |
| Max. clamping range | mm² | 0.13...4 |




## Technical data

IEC 60947-7-2

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated cross-section | mm² | 2.5 | AWG 26...12 | 26...12 |
| Max. voltage of clamp support & pluggable system | V | 690 | | |
| Rated voltage to adjoining terminal | V | 500 | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 6 | | |
| Rated short-time current | | 300 A (2.5 mm²) | | |
| Pollution severity | | 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection | Plug-in connection |
|---|---|---|---|
| Solid / stranded | mm² | 0.5...4 | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.52.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | |

**Note**

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

## Ordering data

| Version | | Type | Qty. | Order No. |
|---|---|---|---|---|
| | green/yellow Wemid | ZDT 2.5/2 PE | 50 | 1815170000 |
| **Plug-in connector** | | **Type** | **Qty.** | **Order No.** |
| | 1-pole | ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

**Note**

## Accessories

| End plate / Partition plate | | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|
| | Dark beige Wemid | ZAP/TW ZDT2.5/2 | 2.5 mm | 50 | 1816110000 |
| **Test adapter** | | | | | |
| | Standard | ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| | With assembly peg | ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| **Miscellaneous accessories WeiCoS** | | | | | |
| | Locking element | ZVR ZP2.5 | 3.9 mm | 25 | 1816130000 |
| | Coding element | KOSF ZT2.5 | 2.9 mm | 50 | 1816150000 |
| | Strain relief | ZZE ZP2.5 | 9.9 mm | 25 | 1816140000 |
| **Screwdriver** | | | | | |
| | Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |

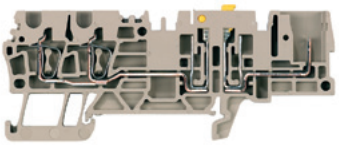
| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | DEK 5/5 / WS 10/5 |

**Note**

## Test-disconnect terminals

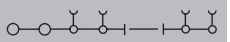
**ZTTR 2.5** | **2.5 mm²**

**2 tension clamp connections / 1 pluggable 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 | 5.1 x 87 x 36.5 |
| max. current / max. cond. cross-section | A/mm² | **18 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## Technical data

IEC 60947-7-1, IEC 61984

| **Rated data** | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 400 | 600 (C) | 300 (B) |
| Rated current | A | 16 | 16 (C) | 16 (B) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A2 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | CSA current and voltage, acc. to Gr. B | | |

## Ordering data

| **Version** | **Type** | **Qty.** | **Order No.** |
|---|---|---|---|
| Dark beige Wemid | ZTTR 2.5 | 50 | **1865510000** |
| Without isolator, Dark beige Wemid | ZTTR 2.5 O.TNHE | 50 | **1905470000** |
| **Note** | Please contact customer support when planning your installation with SIHA. | | |

## Accessories

| **Pluggable cross-connection** | **Type** | **current** | **Qty.** | **Order No.** |
|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZTTR2.5 | 2.5 mm | 50 | **1865520000** |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Testing / Checking** | | | | |
| Test plug | PS 2.3 RT | 5.4 mm | 20 | **0180400000** |
| **Holder for cartridge fuse 5 x 20mm** | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | **7921560000** |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | **7921570000** |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | **7921600000** |
| **Module connector (max, 250 V)** | | | | |
| without fittings | BEST | 5.1 mm | 50 | **1833100000** |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | **1878570000** |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | **1878560000** |
| **Disconnect plug** | | | | |
| removable, as replacement for release lever | TNST | | 50 | **1833090000** |

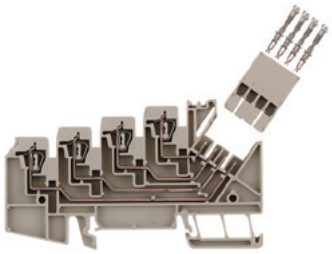
| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| Marking tags | DEK 5/5 | |
| **Note** | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

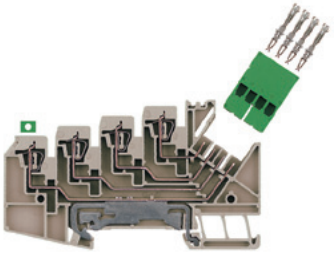
## Feed-through modular terminals

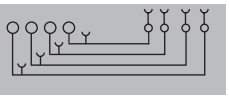
Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

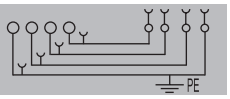
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | ZRV 1.5 | ZRV 1,5/PE |
|---|---|---|---|
| | | 1.5 mm² | 1.5 mm² |
| | | Base terminal - plug | Base terminal - plug |
| Width/Length/Height of lowest version | mm | 5.1 x 89.5 x 52.5 | 5.1 x 89.5 x 52.5 |
| max. current / max. cond. cross-section | A/mm² | / 2.5 | / 2.5 |
| Max. clamping range | mm² | 0.13...2.5 | 0.13...2.5 |










## Technical data

| Rated data | | ZRV 1.5 | ZRV 1,5/PE |
|---|---|---|---|
| | | IEC 60947-7-1, IEC 61984 | IEC 60947-7-1 (-7-2), IEC 61984 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 63 / 150 (C) | 63 / 150 (C) |
| Rated current | A | 4 / 10 (C) | 4 / 10 (C) |
| Rated cross-section | mm² | 1.5 / AWG 26...14 | 1.5 / AWG 26...14 |
| Rated impulse withstand voltage / Pollution severity | | 1.5 kV / 3 | 1.5 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A1 / V-0 | A1 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection / Crimp connection | Rated connection / Crimp connection |
| Solid / stranded | mm² | 0.5...2.5 | 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 / 0.5...2.5 | 0.5...2.5 / 0.5...1.5 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | 8 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

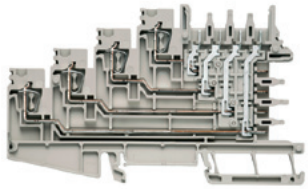
| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Base terminal | ZRV 1.5 | 50 | 1698160000 | ZRV 1.5/PE | 50 | 1698170000 |
| **Note** | | | | | | | |

## Accessories

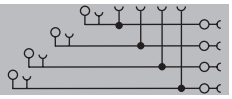
| Pluggable cross-connection | | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | 2-pole | | | | | | | | |
| | 3-pole | | | | | | | | |
| | 4-pole | | | | | | | | |
| | 10-pole | | | | | | | | |
| | 20-/24-pole | | | | | | | | |
| **STGH plug housing** | | | Width | | | | Width | | |
| | With assembly peg | STGH 4 ZRV1.5 | 5 mm | 50 | 1698190000 | STGH 4 ZRV1.5/PE GN | 5 mm | 50 | 1698200000 |
| | Without peg | | | | | | | | |
| **Crimp contacts** | | | | | | | | | |
| | Reel packaged | | | | | | | | |
| | | DFFC 0.2-0.35 ZRV1.5 | | 500 | 1705310000 | DFFC 0.2-0.35 ZRV1.5 | | 500 | 1705310000 |
| | Single contacts | DFFC .5-1.0 ZRV1.5 | | 500 | 1705320000 | DFFC .5-1.0 ZRV1.5 | | 500 | 1705320000 |
| **Test adapter** | | | | | | | | | |
| | Strain relief | | | | | | | | |
| | Plug housing black | | | | | | | | |
| | Black plug enclosure | | | | | | | | |
| **End plate / Partition plate** | | | | | | | | | |
| | beige Wemid | | | | | | | | |
| **Tools** | | | | | | | | | |
| | Crimping tool | HTF ZRV | | 1 | 9014840000 | HTF ZRV | | 1 | 9014840000 |
| | Mounting tool | | | | | | | | |

| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| | Marking tags | DEK 5/5 | DEK 5/5 |
| **Note** | | | |

## ZRV 2.5/2 — 2.5 mm²



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 | |

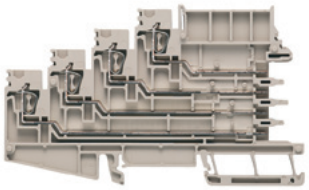
| Rated connection | Crimp connection |
|---|---|
| 0.5...4 / 0.5...4 | |
| 0.5...2.5 / 0.5...2.5 | 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | |

| Type | Qty. | Order No. |
|---|---|---|
| ZRV 2.5/2 | 50 | 1906970000 |

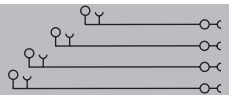
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | Width | | |
| STGH ZRV2.5 | 5.15 mm | 50 | 1907000000 |
| STGH O.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 O.R/SW ZRV2.5 | 5.15 mm | 25 | 1898420000 |
| STGH O.ZA/O.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 mm²



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 O.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 O.R/SW ZRV2.5 | 5.15 mm | 25 | 1898420000 |
| STGH O.ZA/O.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 |

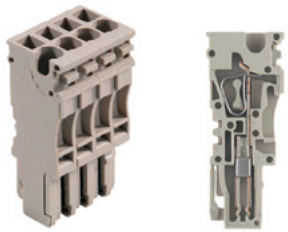
DEK 5/5 / WS 12/5

## 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.

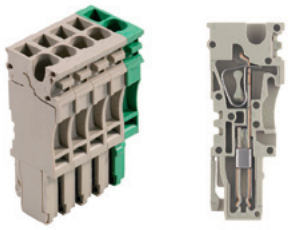
### ZP 2.5/1AN — 2.5 mm²

**1...17-pole**



### ZP 2.5/1AN/GN/BE — 2.5 mm²

**2 to 17-pole**
**Connectors each with one green pole**



| | | ZP 2.5/1AN | ZP 2.5/1AN/GN/BE |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 16 x 41 | 5.1 x 16 x 41 |
| max. current / max. cond. cross-section | A/mm² | **24 / 4** | **24 / 4** |
| Max. clamping range | mm² | **0.13...4** | **0.13...4** |

## Technical data

IEC 60947-7-1, IEC 61984

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 500 | 300 (C) | 300 (C) |
| Rated current | A | 24 | 20 (C) | 20 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 500 | 300 (C) | 300 (C) |
| Rated current | A | 24 | 20 (C) | 20 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 1-pole | ZP 2.5/1AN/1 | 50 | **1815430000** |
| 2-pole | ZP 2.5/1AN/2 | 25 | **1815440000** |
| 3-pole | ZP 2.5/1AN/3 | 25 | **1815450000** |
| 4-pole | ZP 2.5/1AN/4 | 25 | **1815500000** |
| 5-pole | ZP 2.5/1AN/5 | 25 | **1815510000** |
| 6-pole | ZP 2.5/1AN/6 | 25 | **1815520000** |
| 7-pole | ZP 2.5/1AN/7 | 25 | **1815530000** |
| 8-pole | ZP 2.5/1AN/8 | 20 | **1815540000** |
| 9-pole | ZP 2.5/1AN/9 | 20 | **1815550000** |
| 10-pole | ZP 2.5/1AN/10 | 20 | **1815560000** |
| 11-pole | ZP 2.5/1AN/11 | 20 | **1815570000** |
| 12-pole | ZP 2.5/1AN/12 | 20 | **1815580000** |
| 13-pole | ZP 2.5/1AN/13 | 10 | **1815590000** |
| 14-pole | ZP 2.5/1AN/14 | 10 | **1815600000** |
| 15-pole | ZP 2.5/1AN/15 | 10 | **1815610000** |
| 16-pole | ZP 2.5/1AN/16 | 10 | **1815620000** |
| 17-pole | ZP 2.5/1AN/17 | 10 | **1815180000** |
| 24-pole | ZP 2.5/1AN/24 | 10 | **1815720000** |
| 1-pole (green Wemid) | ZP 2.5/1AN/1 GN | 50 | **1820580000** |
| **Note** | | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| | | | |
| 2-pole | ZP 2.5/1AN/2 GN/BE | 25 | **1867090000** |
| 3-pole | ZP 2.5/1AN/3 GN/BE | 25 | **1867100000** |
| 4-pole | ZP 2.5/1AN/4 GN/BE | 25 | **1867110000** |
| 5-pole | ZP 2.5/1AN/5 GN/BE | 25 | **1867120000** |
| 6-pole | ZP 2.5/1AN/6 GN/BE | 25 | **1867130000** |
| 7-pole | ZP 2.5/1AN/7 GN/BE | 25 | **1867140000** |
| 8-pole | ZP 2.5/1AN/8 GN/BE | 20 | **1867150000** |
| 9-pole | ZP 2.5/1AN/9 GN/BE | 20 | **1867160000** |
| 10-pole | ZP 2.5/1AN/10 GN/BE | 20 | **1867170000** |
| 11-pole | ZP 2.5/1AN/11 GN/BE | 20 | **1867180000** |
| 12-pole | ZP 2.5/1AN/12 GN/BE | 20 | **1867190000** |
| 13-pole | ZP 2.5/1AN/13 GN/BE | 10 | **1867200000** |
| 14-pole | ZP 2.5/1AN/14 GN/BE | 10 | **1867210000** |
| 15-pole | ZP 2.5/1AN/15 GN/BE | 10 | **1867220000** |
| | | | |
| 17-pole | ZP 2.5/1AN/17 GN/BE | 10 | **1867240000** |
| | | | |
| | | | |
| **Note** | The technical specifications are only valid for use in conjunction with PE terminals, according to DIN EN 60947-7-2. | | |

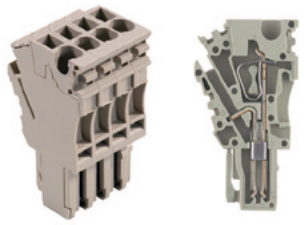
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | | | | |
| 3-pole | | | | |
| 10-pole | | | | |
| **Test adapter** | | **Width** | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | **1827080000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Group designation** | | | | |
| Group designation | ZGB 30 | 7 mm | 20 | **1611930000** |
| Protective strips transparent | STR 7 F.SCHT 7 | 6.3 mm | 20 | **0515300000** |
| Push-in tag blank | ESO 7 A4-BOGEN WEISS | 6.3 mm | 10 | **1607720000** |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | |

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | | | | |
| 3-pole | | | | |
| 10-pole | | | | |
| **Test adapter** | | **Width** | | |
| Standard | ZTA ZT2.5 | 5.1 mm | 25 | **1827080000** |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Group designation** | | | | |
| Group designation | ZGB 30 | 7 mm | 20 | **1611930000** |
| Protective strips transparent | STR 7 F.SCHT 7 | 6.3 mm | 20 | **0515300000** |
| Push-in tag blank | ESO 7 A4-BOGEN WEISS | 6.3 mm | 10 | **1607720000** |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | |

## ZP 2.5/1AN/QV — 2.5 mm²

1...17-pole



5.1 x 23 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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

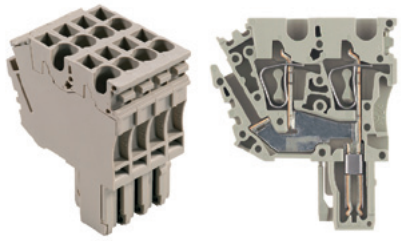
| Type | Qty. | Order No. |
|---|---|---|
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/7 | 25 | 1815250000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/9 | 20 | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |
| ZP 2.5/1AN/QV/11 | 20 | 1815290000 |
| ZP 2.5/1AN/QV/12 | 20 | 1815300000 |
| ZP 2.5/1AN/QV/13 | 10 | 1815310000 |
| ZP 2.5/1AN/QV/14 | 10 | 1815320000 |
| ZP 2.5/1AN/QV/15 | 10 | 1815330000 |
| ZP 2.5/1AN/QV/16 | 10 | 1815340000 |
| ZP 2.5/1AN/QV/17 | 10 | 1815350000 |
| | | |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

| 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/10 GE | 24 A | 20 | 1693880000 |
| | 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

## ZP 2.5/2AN/QV — 2.5 mm²

1...16-pole



5.1 x 37 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 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

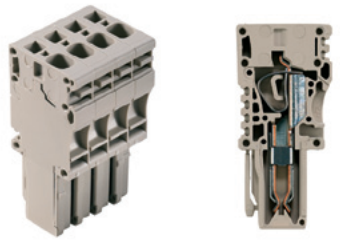
| Type | Qty. | Order No. |
|---|---|---|
| ZP 2.5/2AN/QV/1 | 50 | 1815730000 |
| ZP 2.5/2AN/QV/2 | 20 | 1815740000 |
| ZP 2.5/2AN/QV/3 | 20 | 1815750000 |
| ZP 2.5/2AN/QV/4 | 20 | 1815760000 |
| ZP 2.5/2AN/QV/5 | 20 | 1815770000 |
| ZP 2.5/2AN/QV/6 | 20 | 1815780000 |
| ZP 2.5/2AN/QV/7 | 20 | 1815790000 |
| ZP 2.5/2AN/QV/8 | 10 | 1815800000 |
| ZP 2.5/2AN/QV/9 | 10 | 1815810000 |
| ZP 2.5/2AN/QV/10 | 10 | 1815820000 |
| ZP 2.5/2AN/QV/11 | 10 | 1815830000 |
| ZP 2.5/2AN/QV/12 | 10 | 1815840000 |
| ZP 2.5/2AN/QV/13 | 5 | 1815850000 |
| ZP 2.5/2AN/QV/14 | 5 | 1815860000 |
| ZP 2.5/2AN/QV/15 | 5 | 1815870000 |
| ZP 2.5/2AN/QV/16 | 5 | 1815880000 |
| | | |
| | | |
| ZP 2.5/2AN/QV/1 GN | 50 | 1820590000 |

| 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/10 GE | 24 A | 20 | 1693880000 |
| | 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

## ZP 4/1AN — 4 mm²

1...16-pole



6.5 x 22.5 x 47.5
**32 / 6**
**0.13...6**

IEC 60947-7-1, IEC 61984

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

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

CSA current and voltage, acc. to Gr. C

| 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 |
| ZP 4/1AN/11 | 20 | 1855080000 |
| ZP 4/1AN/12 | 10 | 1855090000 |
| ZP 4/1AN/13 | 10 | 1855100000 |
| ZP 4/1AN/14 | 10 | 1855110000 |
| ZP 4/1AN/15 | 10 | 1855120000 |
| ZP 4/1AN/16 | 10 | 1855130000 |
| | | |
| | | |
| ZP 4/1AN/1 GN | 50 | 1854980000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| | | | |
| | | | |
| | | | |
| | | | |

DEK 5/5 / WS 10/6

## 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 pipped 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).

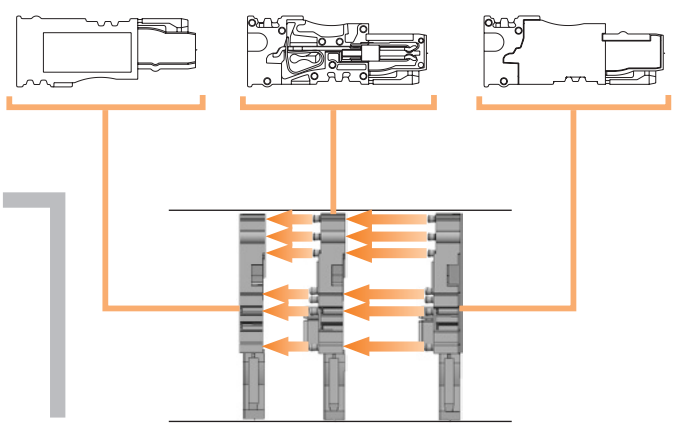
### Single slice element ZP 2.5/1AN plug

### Ordering data

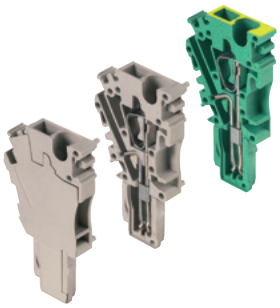
| Type | Qty. | Order No. |
|---|---|---|
| ZP 2.5/1AN | 50 | 1875150000 |
| ZP 2.5/1AN ZA O.RA | 50 | 1875210000 |
| ZP 2.5/1AN ZA | 50 | 1875190000 |
| ZP 2.5/1AN ZA O.RA BL | 50 | 1972980000 |
| ZP 2.5/1AN ZA BL | 50 | 1009070000 |
| ZP 2.5/1AN GN | 50 | 1875180000 |
| ZP 2.5/1AN ZA O.RA GN | 50 | 1875220000 |
| ZP 2.5/1AN ZA GN | 50 | 1875200000 |

### Construction of plug:

| 1 start element | n-2 core element | 1 end element |
|---|---|---|
| 1875150000 BE | 1875210000 BE | 1875190000 BE |
| 1875180000 GN | 1972980000 BL | 1009070000 BL |
| | 1875220000 GN | 1875200000 GN |



### Single slice element ZP 2.5/1AN/QV plug

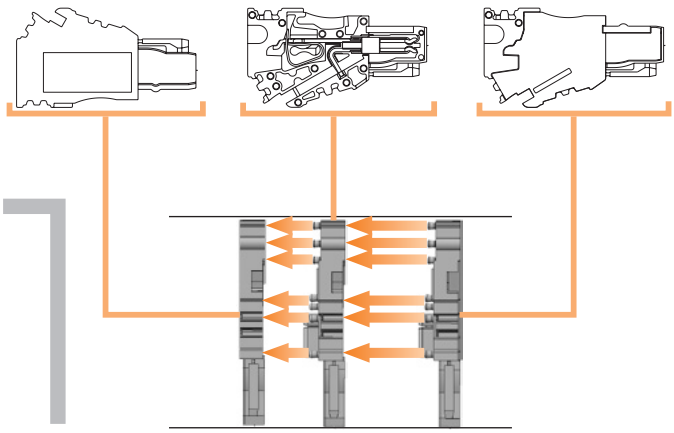


### Ordering data

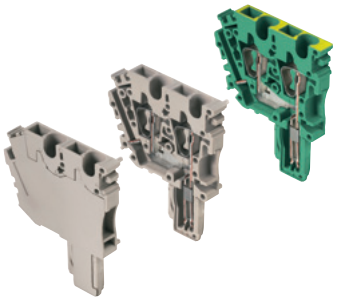
| Type | Qty. | Order No. |
|---|---|---|
| ZP 2.5/1AN/QV | 50 | 1007900000 |
| ZP 2.5/1AN/QV ZA O.RA | 50 | 1007960000 |
| ZP 2.5/1AN/QV ZA | 50 | 1007930000 |
| ZP 2.5/1AN/QV BL | 50 | 1007910000 |
| ZP 2.5/1AN/QV ZAO.RA BL | 50 | 1007970000 |
| ZP 2.5/1AN/QV ZA BL | 50 | 1007940000 |
| ZP 2.5/1AN/QV GN | 50 | 1007920000 |
| ZP 2.5/1AN/QV ZAO.RA GN | 50 | 1007980000 |
| ZP 2.5/1AN/QV ZA GN | 50 | 1007950000 |

### Construction of plug:

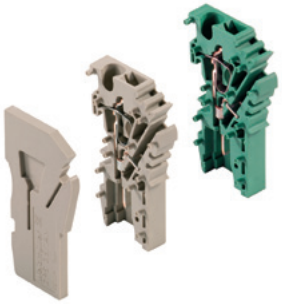
| 1 start element | n-2 core element | 1 end element |
|---|---|---|
| 1007900000 BE | 1007960000 BE | 1007930000 BE |
| 1007910000 BL | 1007970000 BL | 1007940000 BL |
| 1007920000 GN | 1007980000 GN | 1007950000 GN |



## Single slice element ZP 2.5/2AN/QV plug



## Single slice element ZPS coupling



### Ordering data

| Type | Qty. | Order No. |
|---|---|---|
| ZP 2.5/2AN/QV | 50 | 1007810000 |
| ZP 2.5/2AN/QV ZA O.RA | 50 | 1007870000 |
| ZP 2.5/2AN/QV ZA | 50 | 1007840000 |
| ZP 2.5/2AN/QV BL | 50 | 1007820000 |
| ZP 2.5/2AN/QV ZAO.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 ZAO.RA GN | 50 | 1007890000 |
| ZP 2.5/2AN/QV ZA GN | 50 | 1007860000 |

### Ordering data

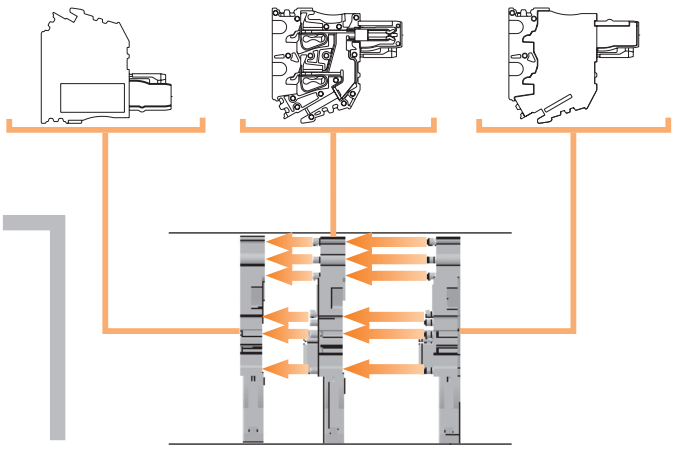
| Type | Qty. | Order No. |
|---|---|---|
| GHDE ZPS 2.5/1AN | 50 | 1866070000 |
| ZPS 2.5/1AN/QV/1GN | 50 | 1861050000 |
| ZPS 2.5/1AN/QV | 50 | 1861040000 |

### Construction of plug:

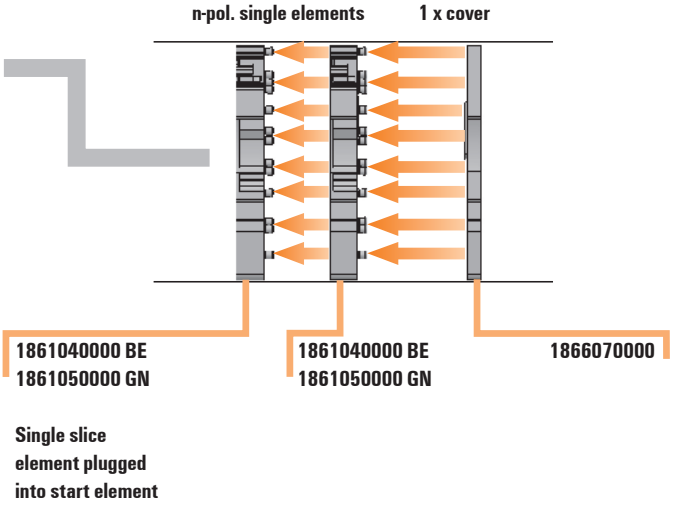
**1 start element**
**1007810000 BE**
**1007820000 BL**
**1007830000 GN**

**n-2 core element**
**1007870000 BE**
**1007880000 BL**
**1007890000 GN**

**1 end element**
**1007840000 BE**
**1007850000 BL**
**1007860000 GN**



### Construction of coupling:

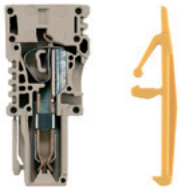


## Plug accessories

### WeiCoS 2.5 mm²

#### Locking element

**ZVR ZP 2.5**

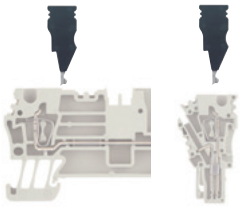


| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| | ZVR ZP 2.5 | 25 | 1816130000 |

#### Test adapter

1 x **1827080000** and
(n-1) x **1847600000** are required for setting up n-pole blocks.

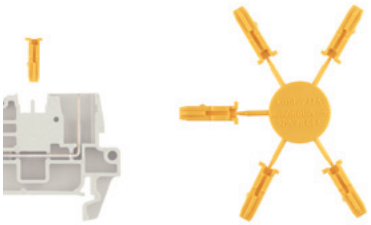
**ZTA ZT 2.5**



| 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

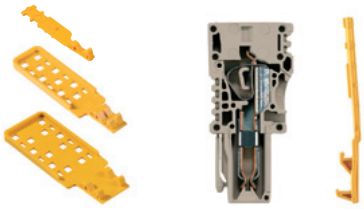
**ZVR ZP 2.5 in conjunction with separate coupling**

**ZVR ZPS 2.5**

| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| | ZVR ZPS 2.5 | 20 | 1878620000 |

#### Strain relief

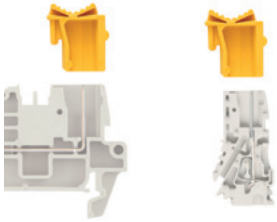
**ZZE ZP 2.5**



| 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**



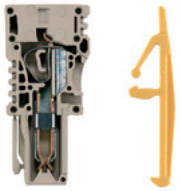
| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| | ZAD ZT / ZPS 2.5 | 50 | 1861030000 |

## Plug accessories

### WeiCoS 4 mm²

### Locking element

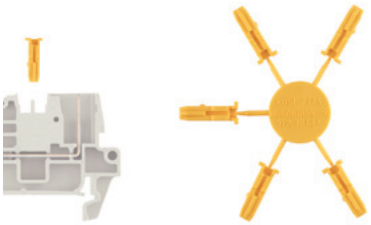
**ZVR ZP 4**



| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| | ZVR ZP 4 | 25 | 1855250000 |

### Coding element

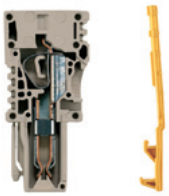
**KOSF ZT 4**



| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| | KOSF ZT 4 | 50 | 1856860000 |

### Strain relief

**ZZE ZP 4**



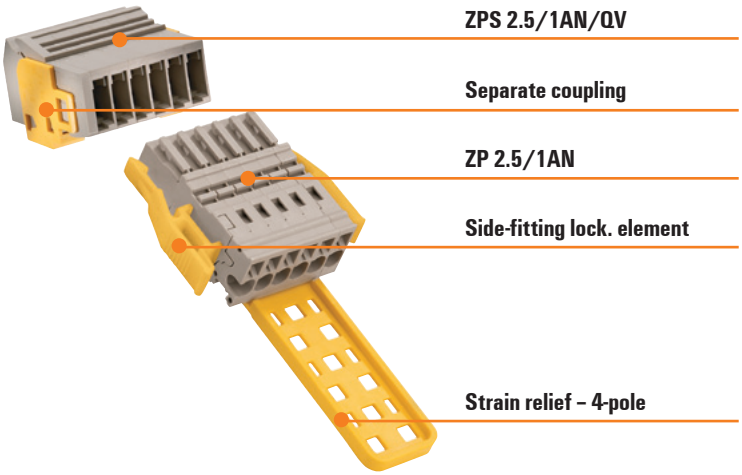
| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| | ZZE ZP 4 | 25 | 1855260000 |

## Mounting set – separate coupling

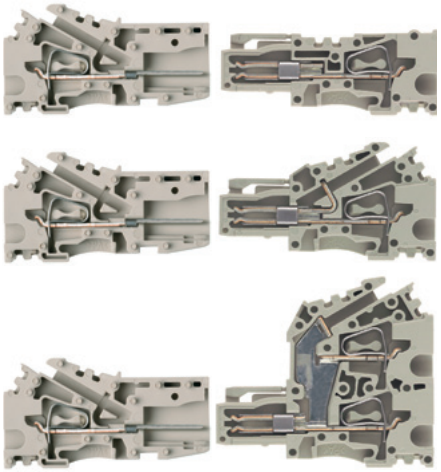
**Individual applications without the use of component parts would be unthinkable in industry today.**

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

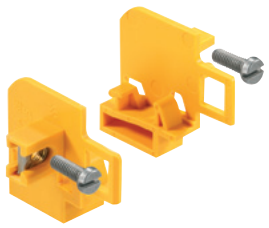
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users do not always want them to be quite so readily separable.

We have therefore devised the following fixing variations for separate couplings:

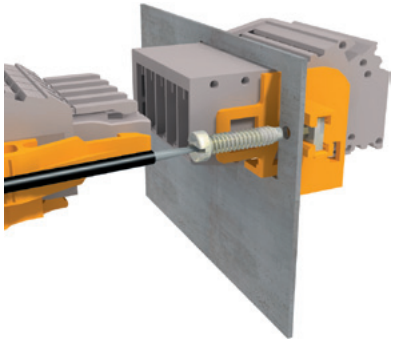
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

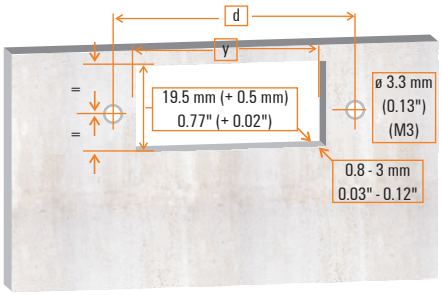
Of special note is the fact that the coupling blocks can be supplied already fitted with the fixings you require.

## Screwed through-wall fixing



| Type | Qty. | Order No. |
|---|---|---|
| ZVLA DF ZPS2.5 | 20 | 1878600000 |



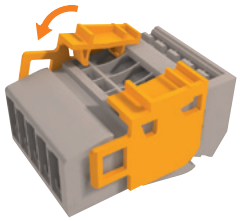



y = n x 5.1 mm + 5.5 mm
d = n x 5.1 mm + 13.5 mm

y = n x 0.25" + 0.216"
d = n x 0.25" + 0.53"

| 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 |

## WeiCoS

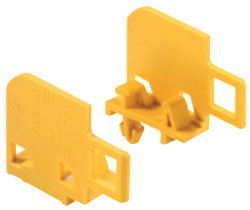


**Plug-in connector system with an infinite number of combinations – but always with the same fitting method.**

## Direct mounting – screwed

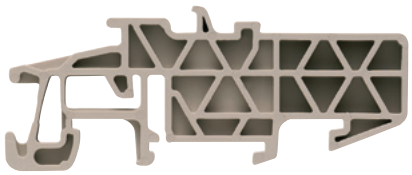
| Type | Qty. | Order No. |
|---|---|---|
| ZVLA SC ZPS 2.5 | 20 | 1866240000 |

## Direct mounting – clipped

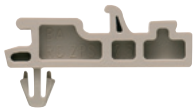


| Type | Qty. | Order No. |
|---|---|---|
| ZVLA RC ZPS 2.5 | 20 | 1866260000 |

## on terminal rail



| Type | Qty. | Order No. |
|---|---|---|
| MOFU 15/35 ZPS 2.5 | 25 | 1899170000 |



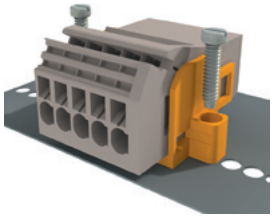
| Type | Qty. | Order No. |
|---|---|---|
| BA RC ZPS 2.5 | 100 | 1908560000 |

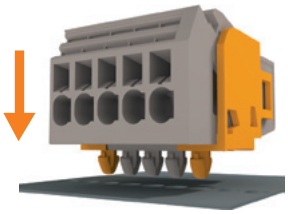
Plug support prevents buckling of the connection

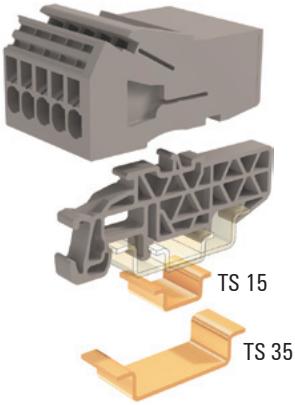
| Type | Qty. | Order No. |
|---|---|---|
| BA ZPS 2.5 | 100 | 1908550000 |

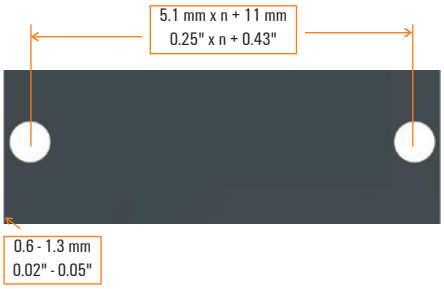
Plug support prevents buckling of the connection

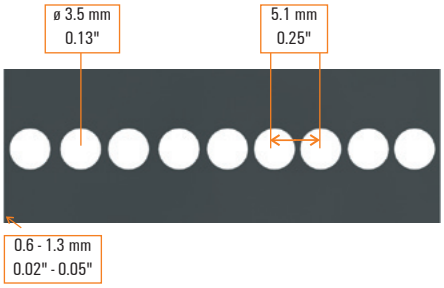
| Type | Qty. | Order No. |
|---|---|---|
| BA ZPS 2.5 | 100 | 1908550000 |



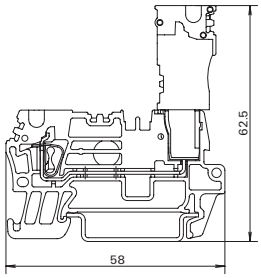


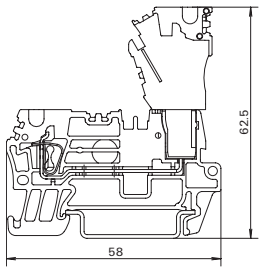


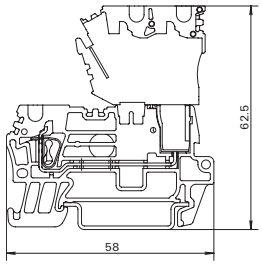



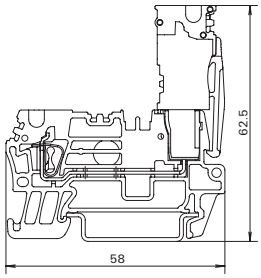



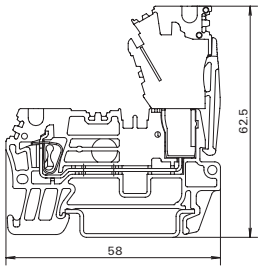
## ZT 2.5/2AN/1

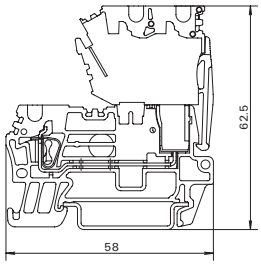


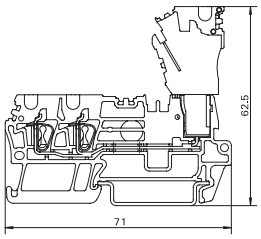



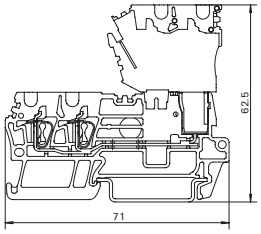



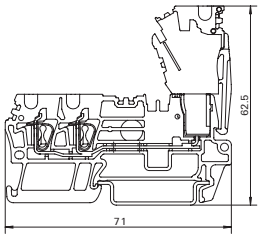



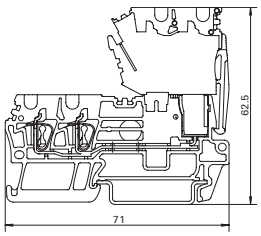




## ZT 2.5/3AN/1

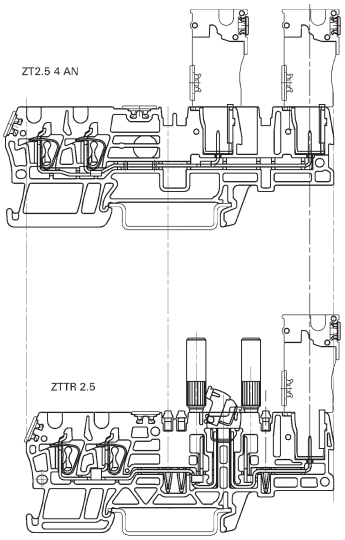


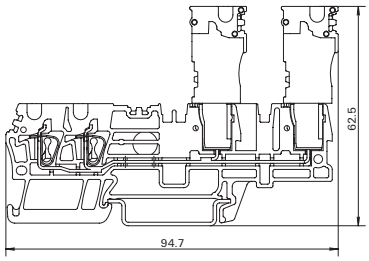



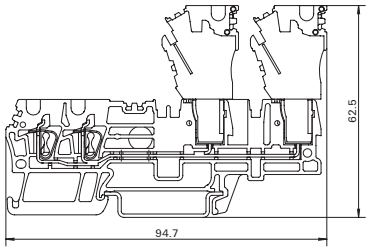

## ZTTR 2.5/3AN/1

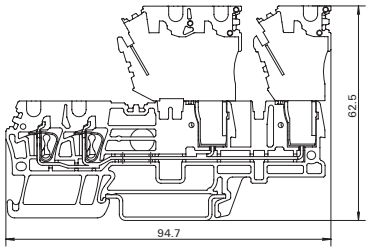


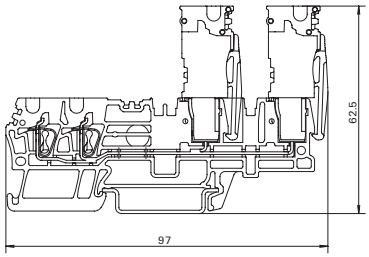

A connector alignment:
the ZTTR can be combined with ZTPE 2.5.

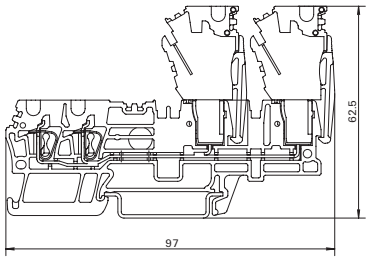
## ZT 2.5/4AN/2



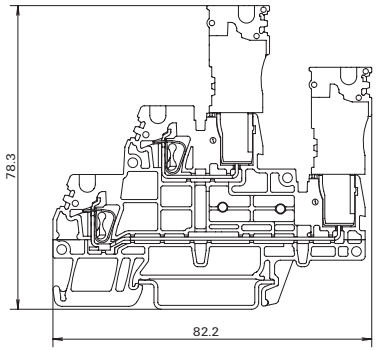



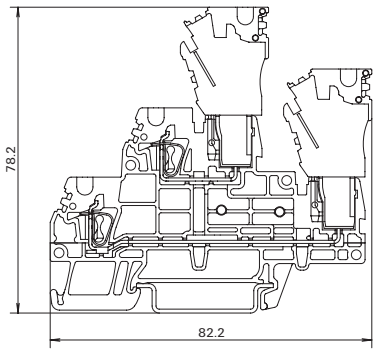



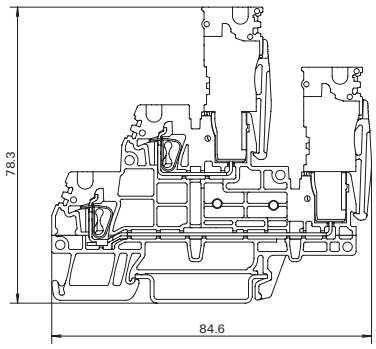



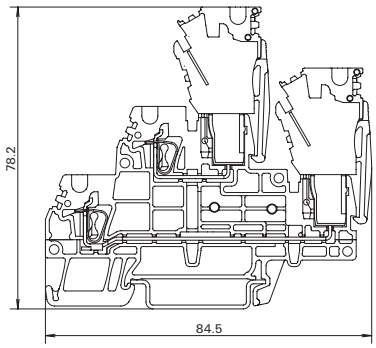




## ZTD 2.5/2

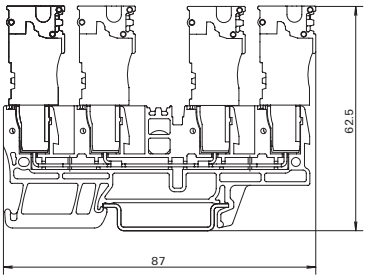


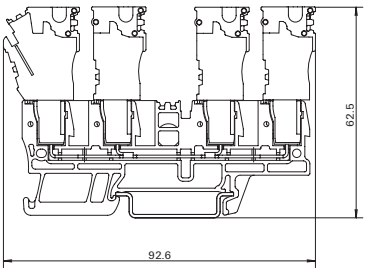



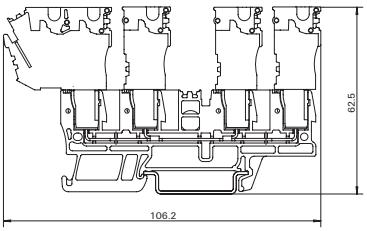



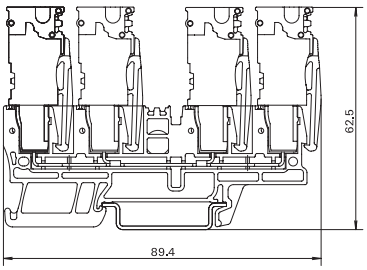



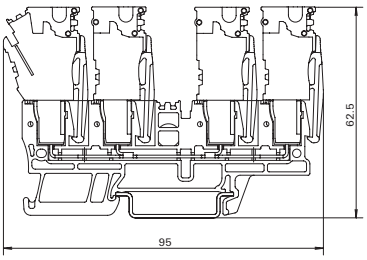

## ZT 2.5/4AN/4



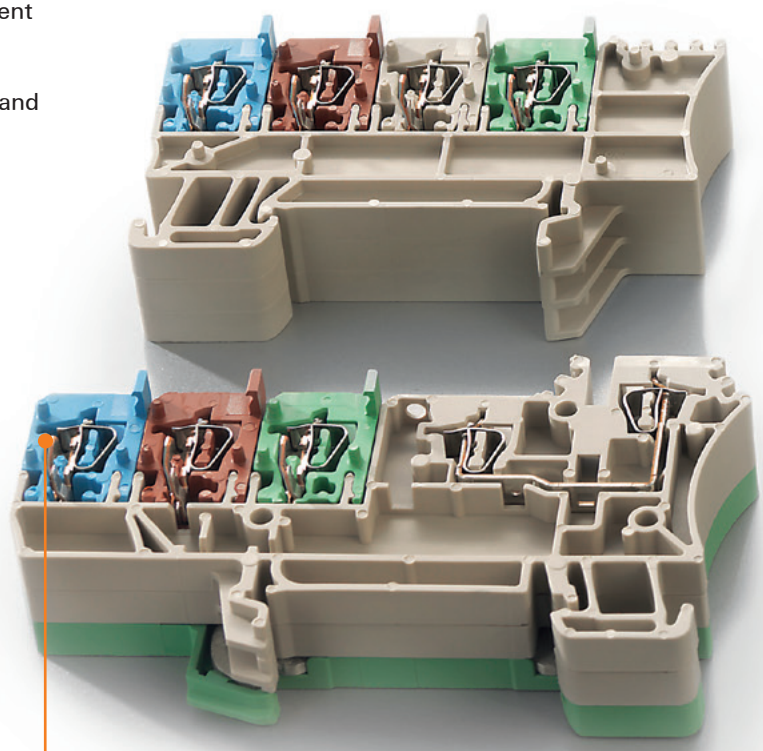



# A modular distribution system with proven tension-clamp connections

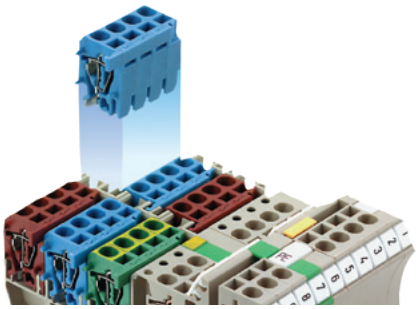
**Distribution terminal bars from stackable single modules, consisting of carrier and base elements**

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:

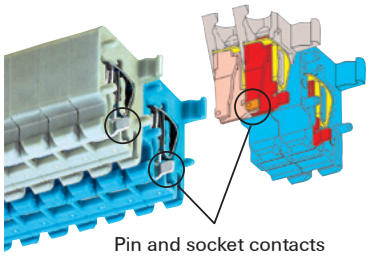
- Carrier elements with and without signal lines for 3- and 4-wire connections
- Modular construction which enables individual configuration

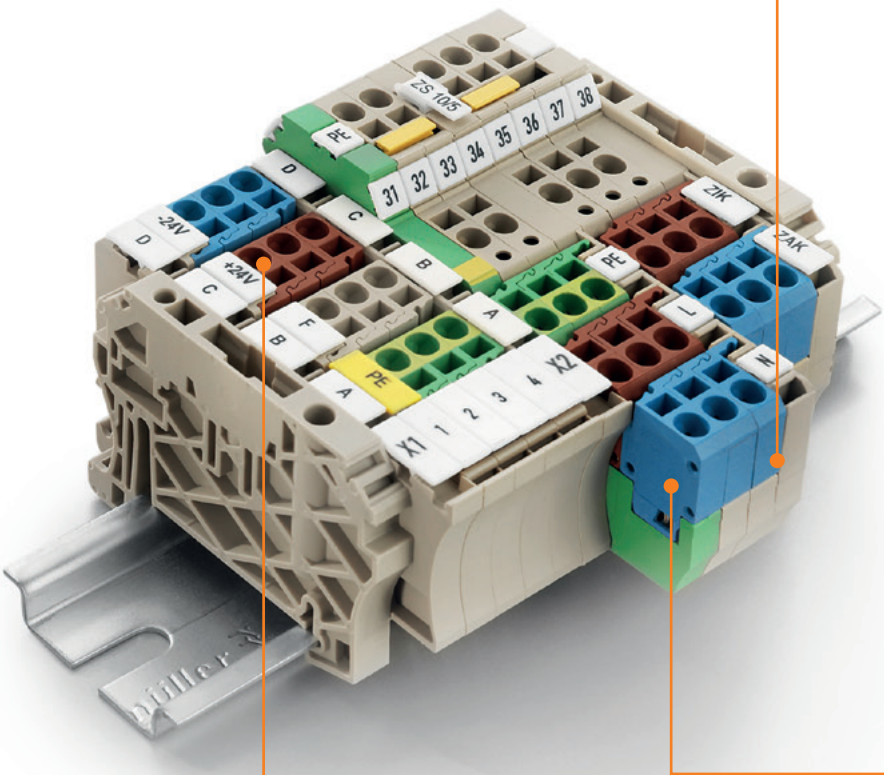


**Simple operation**
The distribution terminals with integrated cross-connections can be joined together and be snapped into the base elements by hand.

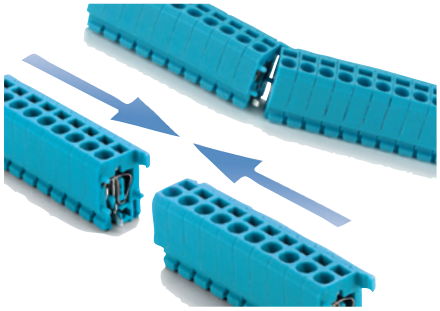


**Integrated cross-connection**
Potential distribution with integrated cross-connections of the male and female contacts.

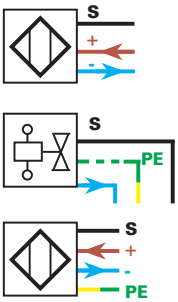



**Modular system**
Variable number of poles available on account of their simple connection or seperation capabilities.

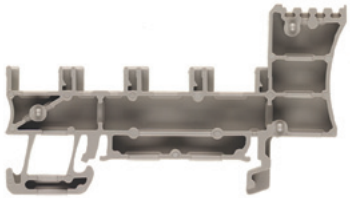
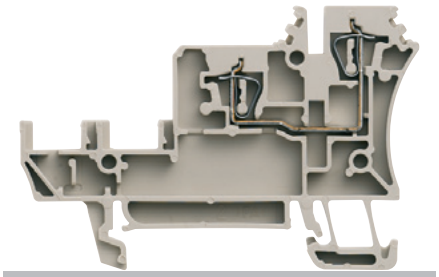


**For initiators and actuators**
The modular distribution strip system is a convenient way to supply initiators and actuators with three- or four-wire power connections.



The modular distribution strip system

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

| | | ZPV 1.5 | ZIA 1.5/3 L... |
|---|---|---|---|
| | | 1.5 mm² | 1.5 mm² |
| | | Base element | Base element 3-wire |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 67.8 x 38.35 | 5.08 x 68.5 x 46 |
| max. current / max. cond. cross-section | A/mm² | | / 2.5 |
| Max. clamping range | mm² | | 0.13...2.5 |

## Technical data

| Rated data | | ZPV 1.5 | | | ZIA 1.5/3 L... | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 250 | 300 (D) | | 250 | 300 (D) | 300 (D) |
| Max. voltage of clamp support & pluggable system | V | | | | | | |
| Rated current | A | 17.5 | 10 (D) | | 17.5 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 1.5 | AWG 26...14 | AWG 26...14 | 1.5 | AWG 26...14 | AWG 26...14 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | | A1 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | | | | 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | | | | 0.5...2.5 / 0.5...1.5 | | |
| Stripping length / Blade size | mm/- | | | | 8 / 0.6 x 3.5 mm | | |
| **Note** | | | | | Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000) | | |

## Ordering data

| Base terminal | ZPV 1.5 | | | ZIA 1.5/3L | | |
|---|---|---|---|---|---|---|
| | Type | Qty. | Order No. | Type | Qty. | Order No. |
| Base terminal | ZPV 1.5 | 100 | 1676630000 | ZIA 1.5/3L-1S | 100 | 1651980000 |
| Base terminal with LED | | | | ZIA 1.5/3L-1S/LD-RT | 50 | 1651990000 |
| PE base terminal | | | | ZIA 1.5/3L-PE | 20 | 1652000000 |
| Dark beige Wemid | | | | | | |
| Blue Wemid | | | | | | |
| Brown Wemid | | | | | | |
| Dark beige Wemid | | | | | | |
| green/yellow Wemid | | | | | | |
| **Note** | ZVL 1.5 0.QV = distribution strip without internal bridge for park position | | | ZVL 1.5 0.QV = distribution strip without internal bridge for park position | | |

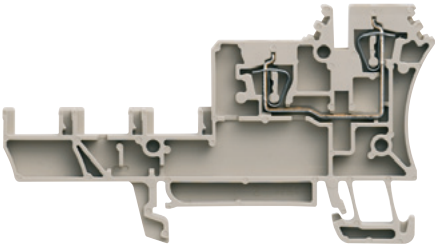
## Accessories

| Pluggable cross-connection | ZPV 1.5 | | | | ZIA 1.5/3L | | | |
|---|---|---|---|---|---|---|---|---|
| | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
| 2-pole | | | | | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | | | | | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | | | | | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | | | | | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 50-pole | | | | | ZQV 2.5/50 | 24 A | 10 | 1697540000 |
| **Reducing sleeves** | | | | | | Width | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | ZRH 1.5N/1 | 4.85 mm | 1000 | 1632140000 |
| For conductors < 1.0 mm² / AWG 18 | | | | | ZRH 1.5N/2 | 4.85 mm | 1000 | 1632130000 |
| **End plate / Partition plate** | | Width | | | | | | |
| Dark beige Wemid | ZAP/TW ZPV1.5 | 5.08 mm | 50 | 1674650000 | ZAP/TW ZIA1.5/3L | 5.08 mm | 50 | 1649540000 |
| With assembly peg | | | | | | | | |
| Without peg | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |

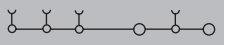
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 12/5 | DEK 5/5 |
| **Note** | For holding the ZVL 1.5 distribution strip | |

## ZIA 1.5/4 L... 1.5 mm²

**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 mm²

**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. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | **Width** | | |
| ZRH 1.5N/1 | 4.85 mm | 1000 | 1632140000 |
| ZRH 1.5N/2 | 4.85 mm | 1000 | 1632130000 |
| | | | |
| | | | |
| 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

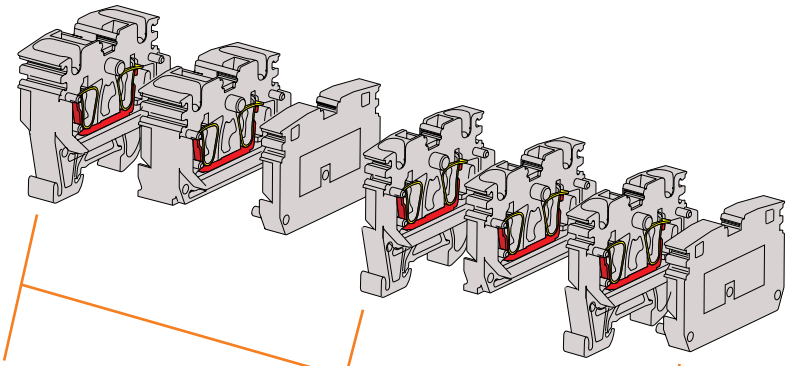
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

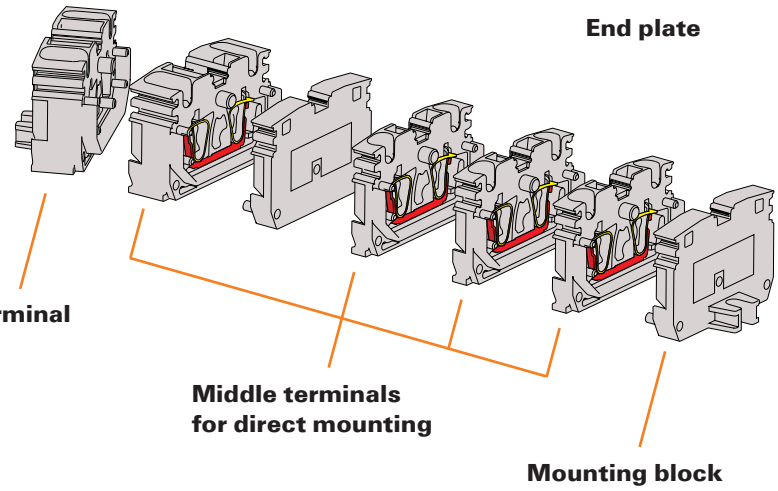
An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

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.

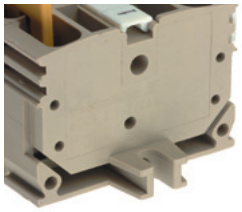
Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.




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.

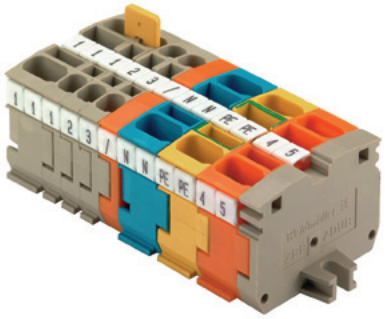
## ... with 4 different means of fastening

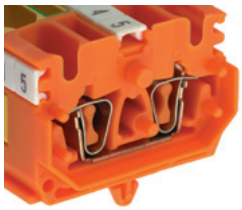


**ZDUB 2.5-2 DM**

### 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.

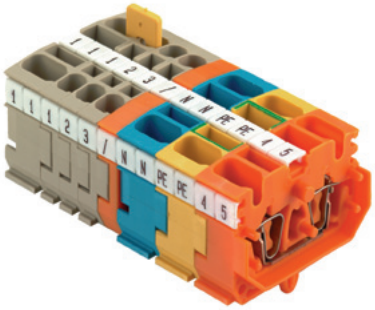




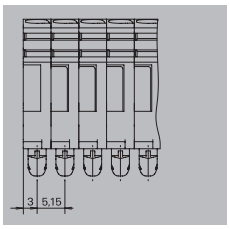
**ZDUB 2.5-2 RC**

### Clip-on fastening on mounting plates

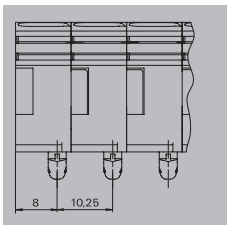
The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.

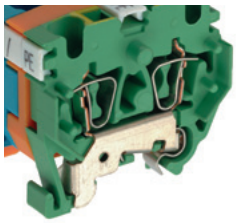


**Drilling plan:**
ZDUB/2.5-2/2AN




ZDUB 2.5-2/4AN

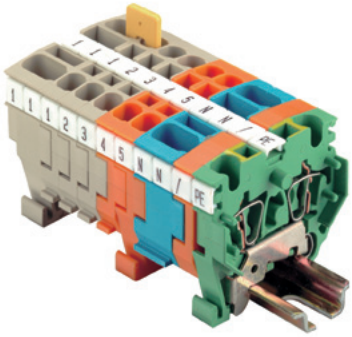


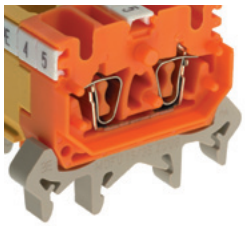



**ZPEB 2.5-2 TS 15**

### 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.

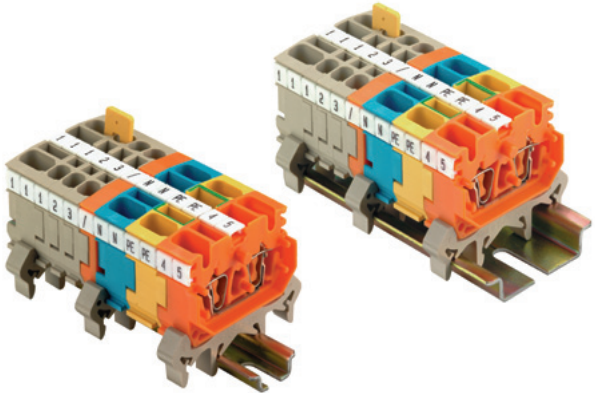




**MOFU TS 15/35**

### 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.



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.

## ZDUB 2.5-2/2AN/RC — 2.5 mm²

**Two connections**

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

5.1 x 33.2 x 29
**30 / 4**
**0.13...4**

## ZDUB 2.5-2/4AN/RC — 2.5 mm²

**Four connections**

10.2 x 33.5 x 29
**30 / 4**
**0.13...4**

## Technical data

| Rated data | | ZDUB 2.5-2/2AN/RC | | | | ZDUB 2.5-2/4AN/RC | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 550 | 800 | 600 (C) | 600 (C) | 550 |
| Rated current | A | 24 | 20 (C) | 25 (C) | 21 | 24 | 20 (C) | 25 (C) | 21 |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | | A2 / V-0 | | | |
| Approvals | | KEMA 97ATEX2755 U | | | | KEMA 97ATEX2755 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 | | | | 0.5...4 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | | | | 0.5...2.5 / 0.5...1.5 | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | Snap-on clip | | | | Snap-on clip | | | |

## Ordering data

| Central terminals | ZDUB 2.5-2/2AN/RC | Qty. | Order No. | ZDUB 2.5-2/4AN/RC | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDUB 2.5-2/2AN/RC | 100 | 1712820000 | ZDUB 2.5-2/4AN/RC | 100 | 1712970000 |
| Blue Wemid | ZDUB 2.5-2/2AN/RC BL | 100 | 1712830000 | ZDUB 2.5-2/4AN/RC BL | 100 | 1712980000 |
| Yellow Wemid | ZDUB 2.5-2/2AN/RC GE | 100 | 1712850000 | ZDUB 2.5-2/4AN/RC GE | 100 | 1713000000 |
| Orange Wemid | ZDUB 2.5-2/2AN/RC OR | 100 | 1712840000 | | | |
| **Note** | Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm. | | | Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm. | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQB 2.5-2 | 24 A | 50 | 1677120000 | ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP ZDUB | 5 mm | 50 | 1704750000 | ZAP ZDUB | 5 mm | 50 | 1704750000 |
| Blue Wemid | ZAP ZDUB BL | 5 mm | 50 | 1704760000 | ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| Orange PA | ZAP ZDUB OR | 5 mm | 50 | 1704770000 | ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000). | The terminal blocks are cross-connected when using the ZQB 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.

## ZDUB 2.5-2/2AN/DM — 2.5 mm²

**Two connections**

## ZDUB 2.5-2/4AN/DM — 2.5 mm²

**Four connections**

| | | ZDUB 2.5-2/2AN/DM | ZDUB 2.5-2/4AN/DM |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 33.5 x 24 | 10.2 x 33.5 x 24 |
| max. current / max. cond. cross-section | A/mm² | **30 / 4** | **30 / 4** |
| Max. clamping range | mm² | **0.13...4** | **0.13...4** |

## Technical data

| | | ZDUB 2.5-2/2AN/DM | ZDUB 2.5-2/4AN/DM |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 — Ex e II — II 2 G D | IEC 60947-7-1 — Ex e II — II 2 G D |
| Rated voltage | V | 800 / 600 (C) / 600 (C) / 550 | 800 / 600 (C) / 600 (C) / 550 |
| Rated current | A | 24 / 20 (C) / 25 (C) / 21 | 24 / 20 (C) / 25 (C) / 21 |
| Rated cross-section | mm² | 2.5 / AWG 26...12 / AWG 26...12 / 2.5... | 2.5 / AWG 26...12 / AWG 26...12 / 2.5... |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | KEMA 97ATEX2755 U | KEMA 97ATEX2755 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | Direct mounting | Direct mounting |

## Ordering data

| **End terminals** | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | ZDUB 2.5-2/2AN/DB | 100 | **1704500000** | ZDUB 2.5-2/4AN/DB | 100 | **1704690000** |
| | Blue Wemid | ZDUB 2.5-2/2AN/DB BL | 100 | **1704510000** | ZDUB 2.5-2/4AN/DB BL | 100 | **1704700000** |
| | Yellow Wemid | ZDUB 2.5-2/2AN/DB GE | 100 | **1704530000** | ZDUB 2.5-2/4AN/DB GE | 100 | **1704720000** |
| **Central terminals** | | | | | | | |
| | Dark beige Wemid | ZDUB 2.5-2/2AN/DM | 100 | **1704350000** | ZDUB 2.5-2/4AN/DM | 100 | **1704540000** |
| | Blue Wemid | ZDUB 2.5-2/2AN/DM BL | 100 | **1704360000** | ZDUB 2.5-2/4AN/DM BL | 100 | **1704550000** |
| | Yellow Wemid | ZDUB 2.5-2/2AN/DM GE | 100 | **1704380000** | ZDUB 2.5-2/4AN/DM GE | 100 | **1704570000** |
| | Orange Wemid | ZDUB 2.5-2/2AN/DM OR | 100 | **1704370000** | ZDUB 2.5-2/4AN/DM OR | 100 | **1704560000** |
| **Note** | | | | | | | |

## Accessories

| **Pluggable cross-connection** | | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | 2-pole | ZQB 2.5-2 | 24 A | 50 | **1677120000** | ZQB 2.5-2 | 24 A | 50 | **1677120000** |
| **End plate / Partition plate** | | | Width | | | | Width | | |
| | Dark beige Wemid | ZAP ZDUB | 5 mm | 50 | **1704750000** | ZAP ZDUB | 5 mm | 50 | **1704750000** |
| | Blue Wemid | ZAP ZDUB BL | 5 mm | 50 | **1704760000** | ZAP ZDUB BL | 5 mm | 50 | **1704760000** |
| | Orange PA | ZAP ZDUB OR | 5 mm | 50 | **1704770000** | ZAP ZDUB OR | 5 mm | 50 | **1704770000** |
| **Mounting blocks** | | | | | | | | | |
| | Dark beige Wemid | ZBB ZDUB | 5.1 mm | 50 | **1704740000** | ZBB ZDUB | 5.1 mm | 50 | **1704740000** |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Mounting foot for TS15 & TS35** | | | | | | | | | |
| | Dark beige Wemid | MOFU 15/35 ZDUB | 5 mm | 50 | **1723660000** | MOFU 15/35 ZDUB | 5 mm | 50 | **1723660000** |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000). | The terminal blocks are cross-connected when using the ZQB 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.

## ZDUB 2.5-2/2AN/TS15 — 2.5 mm²

**Two connections**

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

5.1 x 33.5 x 32
**30 / 4**
**0.13...4**



### Technical data

IEC 60947-7-1 — Ex e II — II 2 G D

| Rated data | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|
| Rated voltage (V) | 800 | 600 (C) | 600 (C) | 550 |
| Rated current (A) | 24 | 20 (C) | 25 (C) | 21 |
| Rated cross-section (mm²) | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | A2 / V-0 | | | |
| Approvals | KEMA 97ATEX2755 U | | | |

| Clamped conductors (H05V/H07V) | Rated connection |
|---|---|
| Solid / stranded (mm²) | 0.5...4 |
| Flexible / Flexible with ferrule (mm²) | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size (mm/-) | 10 / 0.6 x 3.5 mm |

**Note**: TS 15 - block construction

### Ordering data

| Central terminals | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | ZDUB 2.5-2/2AN/15 | 100 | 1712750000 |
| Blue Wemid | ZDUB 2.5-2/2AN/15 BL | 100 | 1712760000 |
| Green/Yellow Wemid | | | |
| Orange Wemid | ZDUB 2.5-2/2AN/15 OR | 100 | 1712770000 |

**Note**

### Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| 50-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP ZDUB | 5 mm | 50 | 1704750000 |
| Blue Wemid | ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| Orange PA | ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **End bracket** | | | | |
| | ZEW 15 | 5 mm | 20 | 7920340000 |

| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |

**Note**: The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

## ZDUB 2.5-2/4AN/TS15 — 2.5 mm²

**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

| Rated data | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|
| Rated voltage (V) | 800 | 600 (C) | 600 (C) | 550 |
| Rated current (A) | 24 | 20 (C) | 25 (C) | 21 |
| Rated cross-section (mm²) | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | A2 / V-0 | | | |
| Approvals | KEMA 97ATEX2755 U | | | |

| Clamped conductors (H05V/H07V) | Rated connection |
|---|---|
| Solid / stranded (mm²) | 0.5...4 |
| Flexible / Flexible with ferrule (mm²) | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size (mm/-) | 10 / 0.6 x 3.5 mm |

**Note**: TS 15 - block construction

| Central terminals | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | ZDUB 2.5-2/4AN/15 | 100 | 1712780000 |
| Blue Wemid | ZDUB 2.5-2/4AN/15 BL | 100 | 1712790000 |
| Green/Yellow Wemid | | | |
| Orange Wemid | ZDUB 2.5-2/4AN/15 OR | 100 | 1712800000 |

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| 50-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | ZAP ZDUB | 5 mm | 50 | 1704750000 |
| Blue Wemid | ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| Orange PA | ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **End bracket** | | | | |
| | ZEW 15 | 5 mm | 20 | 7920340000 |

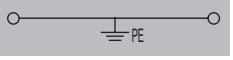
| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/5 / WS 10/5 |

**Note**: The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

## ZPEB 2.5-2 — 2.5 mm²

**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 |
| | | |

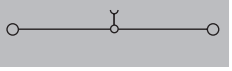
| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| | | | |
| | | | |
| | | | |
| SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| | | | |
| ZEW 15 | 5 mm | 20 | 7920340000 |

DEK 5/5 / WS 10/5

## ZDUA 2.5-2 — 2.5 mm²

**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 |

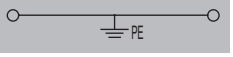
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/50 GE | 24 A | 5 | 1693890000 |
| | Width | | |
| ZAP/TW ZDUA | 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 mm²

**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

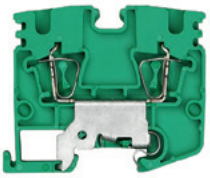
| Type | Qty. | Order No. |
|---|---|---|
| | | |
| | | |
| ZPEA 2.5-2 | 100 | 1720950000 |
| | | |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| 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

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.

| | | ZDUA 2.5-2N | ZPEA 2.5-2N |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | Two connections | Two connections |
| | | |  |
| Width/Length/Height of lowest version | mm | 5.1 x 42.5 x 35.5 | 5.1 x 42.5 x 35.5 |
| max. current / max. cond. cross-section | A/mm² | 30 / 4 | / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.13...4 |

## Technical data

| Rated data | | ZDUA 2.5-2N | ZPEA 2.5-2N |
|---|---|---|---|
| | | IEC 60947-7-1 | IEC 60947-7-2 |
| Rated voltage | V | IEC: 800; UL: 600 (C); CSA: 600 (C) | IEC: ; UL: ; CSA: |
| Rated current | A | IEC: 24; UL: 20 (C); CSA: 20 (C) | IEC: 24; UL: ; CSA: |
| Rated cross-section | mm² | IEC: 2.5; UL: AWG 26...12; CSA: AWG 26...12 | IEC: 2.5; UL: AWG 26...12; CSA: AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | TS 15 - sliced construction | TS 15 - sliced construction |

## Ordering data

| Central terminals | ZDUA 2.5-2N Type | Qty. | Order No. | ZPEA 2.5-2N Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDUA 2.5-2N | 100 | 1808200000 | | | |
| Blue Wemid | ZDUA 2.5-2N BL | 100 | 1808180000 | | | |
| Green/Yellow Wemid | | | | ZPEA 2.5-2N | 100 | 1808210000 |
| Orange Wemid | | | | | | |
| **Note** | | | | | | |

## Accessories

| Pluggable cross-connection | ZDUA 2.5-2N Type | current | Qty. | Order No. | ZPEA 2.5-2N Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | | | | |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | | | | |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | | | | |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | | | | |
| 50-pole | ZQV 2.5N/50 GE | 24 A | 5 | 1693890000 | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | ZAP/TW ZDUA2.5-2N | 2.5 mm | 50 | 1808170000 | ZAP/TW ZDUA2.5-2N | 2.5 mm | 50 | 1808170000 |
| Blue Wemid | | | | | | | | |
| Orange PA | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **End bracket** | | | | | | | | |
| | ZEW 15 | 5 mm | 20 | 7920340000 | ZEW 15 | 5 mm | 20 | 7920340000 |

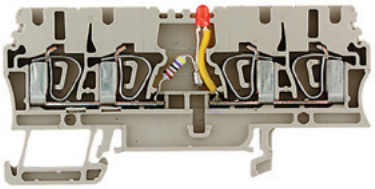
| Identification systems (see assortment in catalogue 7) | ZDUA 2.5-2N | ZPEA 2.5-2N |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | |

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

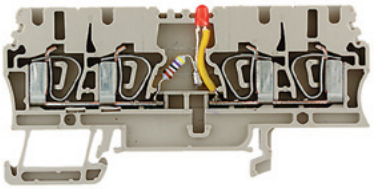
## ZDU 2.5/2x2AN/LD+ — 2.5 mm²

**LED indicator**



## ZDU 2.5/2x2AN/LD- — 2.5 mm²

**LED indicator**



| | | ZDU 2.5/2x2AN/LD+ | ZDU 2.5/2x2AN/LD- |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 79.5 x 39.5 | 5.1 x 79.5 x 39.5 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.05...4 | 0.05...4 |

## Technical data

| | | ZDU 2.5/2x2AN/LD+ | ZDU 2.5/2x2AN/LD- |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 24 | 24 |
| Rated current | A | 0.05 | 0.05 |
| Rated cross-section | mm² | 2.5 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Electronic fixtures** | | | |
| Component voltage / Component current | V/A | | |
| Operating voltage for display, max. / Current | V/A | 24 / 0.05 | 24 / 0.05 |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 | 0.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | ZDU 2.5/2x2AN/LD+ Type | Qty. | Order No. | ZDU 2.5/2x2AN/LD- Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | | | | | | |
| Dark beige Wemid (red LED) | ZDU 2.5/2X2AN/LD+ | 20 | **1692590000** | ZDU 2.5/2X2AN/LD- | 20 | **1692600000** |
| Orange | | | | | | |
| **Note** | | | | | | |

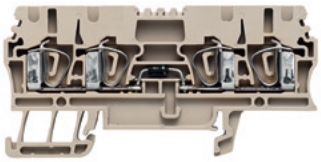
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | | | | | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Blue Wemid | | | | | | | | |
| Dark beige Wemid | ZAP/TW 3 | 2 mm | 50 | **1608800000** | ZAP/TW 3 | 2 mm | 50 | **1608800000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | | | | | |
| With assembly peg | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 2.5/1 WS | 5.55 mm | 1000 | **1614300000** | ZRH 2.5/1 WS | 5.55 mm | 1000 | **1614300000** |
| For conductors < 1.0 mm² / AWG 18 | ZRH 2.5/2 GR/V0 | 5.55 mm | 1000 | **1614290000** | ZRH 2.5/2 GR/V0 | 5.55 mm | 1000 | **1614290000** |

| **Identification systems** (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | 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** |

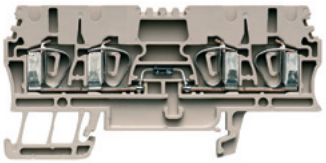
Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A.

| 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** |

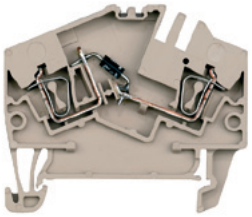
DEK 5/5 / WS 10/5

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

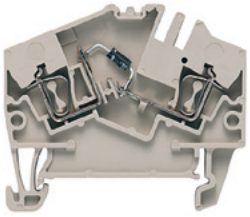
## ZDU 2.5-2/D+ — 2.5 mm²

**Diode circuit**



## ZDU 2.5-2/D- — 2.5 mm²

**Diode circuit**



| | | ZDU 2.5-2/D+ | ZDU 2.5-2/D- |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 50.5 x 44 | 5.1 x 50.5 x 44 |
| max. current / max. cond. cross-section | A/mm² | / 2.5 | / 2.5 |
| Max. clamping range | mm² | 0.05...2.5 | 0.05...2.5 |

## Technical data

| | | ZDU 2.5-2/D+ | ZDU 2.5-2/D- |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| Rated voltage | V | IEC 400 / UL 600 (C) / CSA 600 (C) | IEC 400 / UL 600 (C) / CSA 600 (C) |
| Rated current | A | 1 / 1 (C) / 1 (C) | 1 / 1 (C) / 1 (C) |
| Rated cross-section | mm² | 2.5 / AWG 26...12 / AWG 26...12 | 2.5 / AWG 26...12 / AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | A2 / V-0 |
| Approvals | | | |
| **Electronic fixtures** | | | |
| Component voltage / Component current | V/A | 1000 / 1 | 1000 / 1 |
| Operating voltage for display, max. / Current | V/A | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...2.5 | 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDU 2.5-2/D+ | 20 | 1779110000 | ZDU 2.5-2/D- | 20 | 1779000000 |
| Dark beige Wemid (red LED) | | | | | | |
| Orange | | | | | | |
| **Note** | Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A. | | | Soldered in diode: type 1N 4007, cut-off voltage 1000 V, current 1 A. | | |

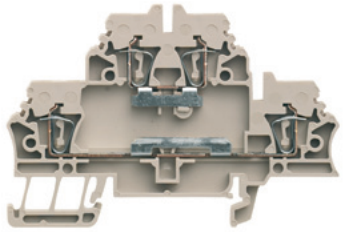
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Blue Wemid | | | | | | | | |
| Dark beige Wemid | ZAP/TW7 | 2.5 mm | 50 | 1706110000 | ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | | | | | |
| With assembly peg | | | | | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |

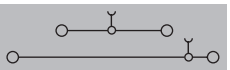
| **Identification systems** (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 14/5 | DEK 5/5 / WS 14/5 |
| **Note** | | |

## ZDK 2.5 EM — 2.5 mm²

**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 mm² 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.

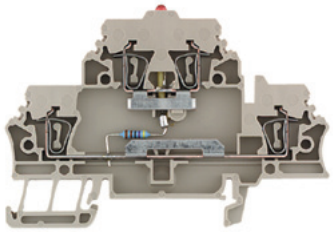
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | Width | | |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 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

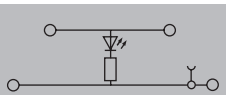
ZVQ 2.5/15 (1720700000) connects two busbars, one above the other.

## ZDK 2.5/LD RT/1 — 2.5 mm²

**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 mm² 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 |

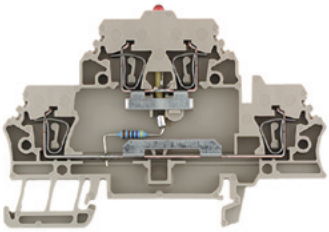
Voltage on the continuous busbar = 10 A.

| 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 |
| | 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 |

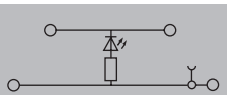
DEK 5/5 / WS 10/5

## ZDK 2.5/LD RT/2 — 2.5 mm²

**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 mm² 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 |
| | 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 |

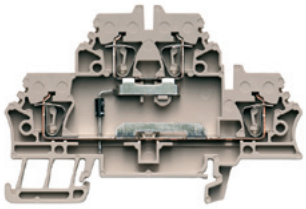
DEK 5/5 / WS 10/5

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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

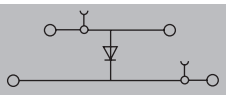
## ZDK 2.5/D/1 — 2.5 mm²

**Diode circuit**



| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

5.1 x 79.1 x 54
/ 2.5
0.05...2.5



### Technical data

IEC 60947-7-1

| Rated data | IEC | UL | CSA |
|---|---|---|---|
| Rated voltage (V) | 500 | 300 (C) | 300 (D) |
| Rated current (A) | 10 | 15 (C) | 10 (D) |
| Rated cross-section (mm²) | 2.5 | AWG 26...14 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | |
| Approvals | | | |
| **Electronic fixtures** | | | |
| Component voltage / Component current (V/A) | 1000 / 1 | | |
| Operating voltage for display, max. / Current (V/A) | | | |
| **Clamped conductors (H05V/H07V)** | **Rated connection** | | |
| Solid / stranded (mm²) | 0.5...2.5 | | |
| Flexible / Flexible with ferrule (mm²) | 0.5...2.5 / 0.5...1.5 | | |
| Stripping length / Blade size (mm/-) | 4 / 0.6 x 3.5 mm | | |
| **Note** | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

### Ordering data

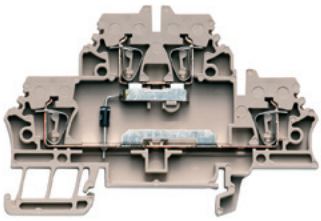
| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | ZDK 2.5/D/1 | 50 | 1690020000 |
| Dark beige Wemid (red LED) | | | |
| Orange | | | |
| **Note** | Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. | | |

### Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | |
| Blue Wemid | | | | |
| Dark beige Wemid | ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | |
| With assembly peg | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | |

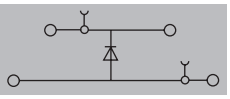
## ZDK 2.5/D/2 — 2.5 mm²

**Diode circuit**



| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

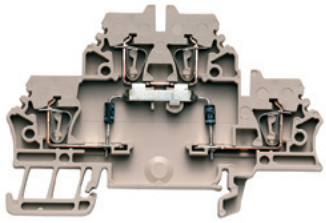
| Rated data | IEC | UL | CSA |
|---|---|---|---|
| Rated voltage (V) | 500 | 300 (C) | 300 (D) |
| Rated current (A) | 10 | 15 (C) | 10 (D) |
| Rated cross-section (mm²) | 2.5 | AWG 26...14 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | |
| Approvals | | | |
| **Electronic fixtures** | | | |
| Component voltage / Component current (V/A) | 1000 / 1 | | |
| Operating voltage for display, max. / Current (V/A) | | | |
| **Clamped conductors (H05V/H07V)** | **Rated connection** | | |
| Solid / stranded (mm²) | 0.5...2.5 | | |
| Flexible / Flexible with ferrule (mm²) | 0.5...2.5 / 0.5...1.5 | | |
| Stripping length / Blade size (mm/-) | 10 / 0.6 x 3.5 mm | | |
| **Note** | 2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | ZDK 2.5/D/2 | 50 | 1690030000 |
| Dark beige Wemid (red LED) | | | |
| Orange | | | |
| **Note** | Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. | | |

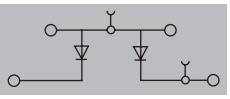
| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| 3-pole | ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| 4-pole | ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| 10-pole | ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| 20-/24-pole | ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| **End plate / Partition plate** | | **Width** | | |
| Blue Wemid | | | | |
| Dark beige Wemid | ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| **End bracket** | | | | |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | 9540000000 |
| **Test adapter** | | | | |
| With assembly peg | | | | |
| **Screwdriver** | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | 1274660000 |
| **Reducing sleeves** | | | | |
| For conductors < 0.5 mm² / AWG 20 | ZRH 1.5H/1 | 4.85 mm | 1000 | 1678810000 |
| For conductors < 1.0 mm² / AWG 18 | ZRH 1.5H/2 | 4.85 mm | 1000 | 1678800000 |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | |

## ZDK 2.5/D/4 — 2.5 mm²

**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 mm² 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 |

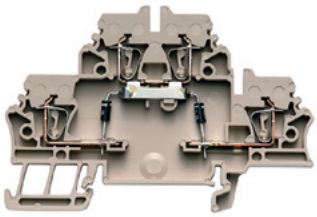
Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

| 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 |

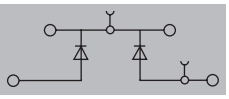
DEK 5/5 / WS 10/5

## ZDK 2.5/D/5 — 2.5 mm²

**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 mm² 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 |

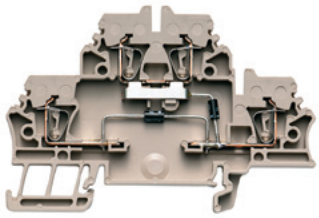
Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A.

| 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 |

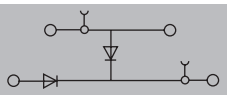
DEK 5/5 / WS 10/5

## ZDK 2.5/D/6 — 2.5 mm²

**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 mm² 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

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

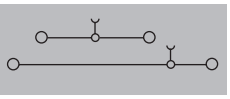
## ZDK 4-2 EL — 4 mm²

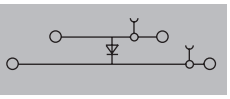
**Double-level terminal**

## ZDK 4-2/D forward — 4 mm²

**Diode circuit**

| | | ZDK 4-2 EL | ZDK 4-2/D forward |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 77.6 x 61 | 6.1 x 77.6 x 60.5 |
| max. current / max. cond. cross-section | A/mm² | **32 / 6** | **/ 6** |
| Max. clamping range | mm² | **0.13...6** | **0.13...6** |





## Technical data

| | | ZDK 4-2 EL | ZDK 4-2/D forward |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| Rated voltage | V | IEC 800 / UL 600 (C) / CSA | IEC 800 / UL 600 (C) / CSA 600 (C) |
| Rated current | A | 32 / 25 (C) | 1 / 1 (C) / 1 (C) |
| Rated cross-section | mm² | 4 / AWG 26...10 | 4 / AWG 26...10 / AWG 26...10 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Electronic fixtures** | | | |
| Component voltage / Component current | V/A | | 1000 / 1 |
| Operating voltage for display, max. / Current | V/A | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...6 | 0.5...6 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | 0.5...4 / 0.5...4 |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | ZDK 4-2 EL | 50 | **8709760000** | ZDK 4-2/D forward | 50 | **8670520000** |
| Dark beige Wemid (red LED) | | | | | | |
| Orange | | | | | | |
| **Note** | | | | Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous current bar = 10 A. | | |

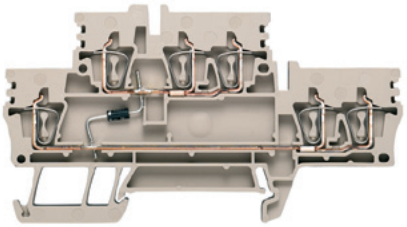
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 4/2 GE | 32 A | 60 | **1608950000** | ZQV 4/2 GE | 32 A | 60 | **1608950000** |
| 3-pole | ZQV 4/3 GE | 32 A | 60 | **1608960000** | ZQV 4/3 GE | 32 A | 60 | **1608960000** |
| 4-pole | ZQV 4/4 GE | 32 A | 60 | **1608970000** | ZQV 4/4 GE | 32 A | 60 | **1608970000** |
| 10-pole | ZQV 4/10 GE | 32 A | 20 | **1609030000** | ZQV 4/10 GE | 32 A | 20 | **1609030000** |
| 20-/24-pole | | | | | ZQV 4/20 GE | 32 A | 20 | **1909010000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Blue Wemid | | | | | | | | |
| Dark beige Wemid | ZAP/TW ZDK4-2 BL | 2 mm | 50 | **8670620000** | | | | |
| **End bracket** | ZAP/TW ZDK4-2 | 2 mm | 50 | **8670760000** | ZAP/TW ZDK4-2 | 2 mm | 50 | **8670760000** |
| Dark beige Wemid | ZEW 35 | 6 mm | 20 | **9540000000** | ZEW 35 | 6 mm | 20 | **9540000000** |
| **Test adapter** | | | | | | | | |
| With assembly peg | ZTA 6/ZA | 6.1 mm | 25 | **1780660000** | | | | |
| **Screwdriver** | | | | | | | | |
| Standard | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** | SDIS SL 0.6X3.5X100 | | 1 | **1274660000** |
| **Reducing sleeves** | | | | | | | | |
| For conductors < 0.5 mm² / AWG 20 | | | | | | | | |
| For conductors < 1.0 mm² / AWG 18 | | | | | | | | |

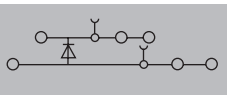
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | | DEK 5/6 |
| **Note** | | | |

## ZDK 2.5/3AN D2 — 4 mm²

**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 mm² 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** |

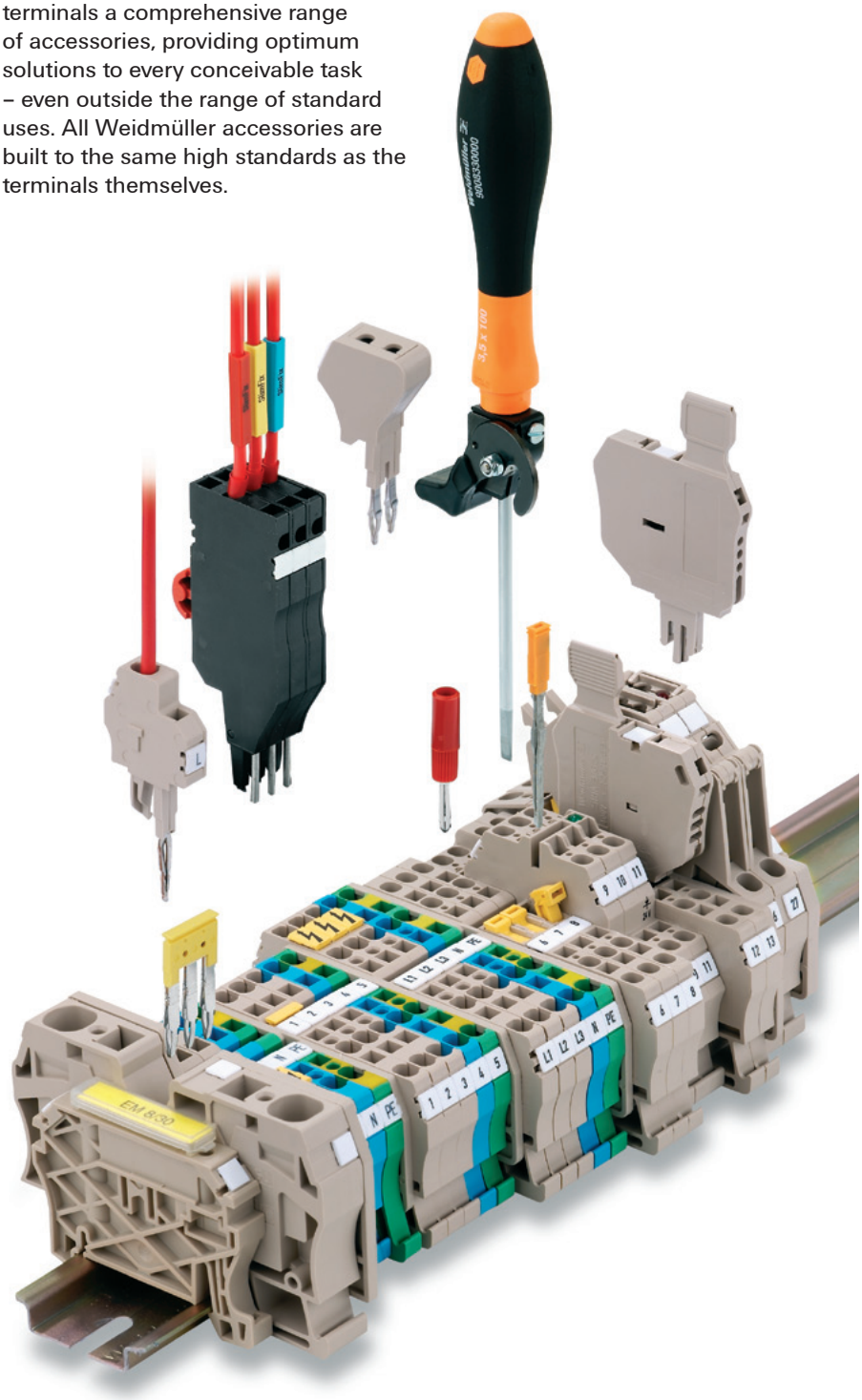
DEK 5/5 / WS 10/5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

# Extra functions

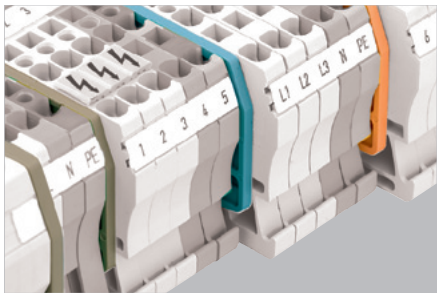
## Extra functions

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

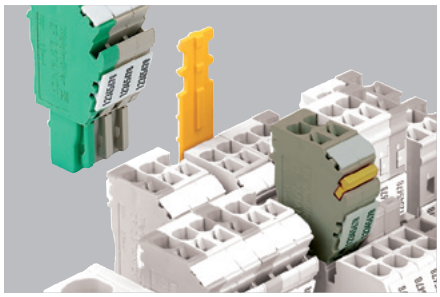
Page C.130



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

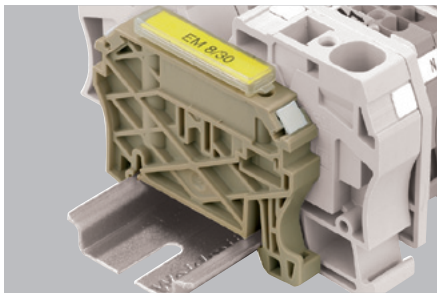
Page C.100



**WeiCoS**
**Wei**dmüller **Co**nnection **S**ystem
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

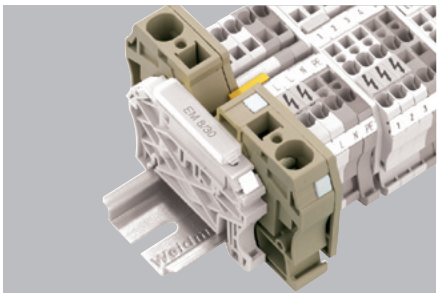
Chapter F




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

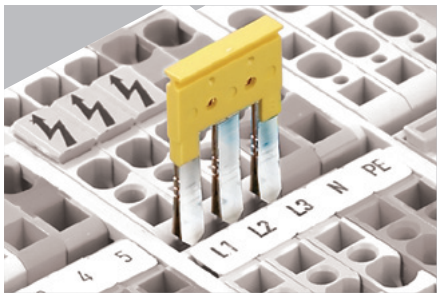
Page C.134



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 $mm^2$ and then distributed across neighbouring terminals for 1.5 $mm^2$, 2.5 $mm^2$, 4 $mm^2$ and 6 $mm^2$ cross-sectional areas.

### Electrical distribution

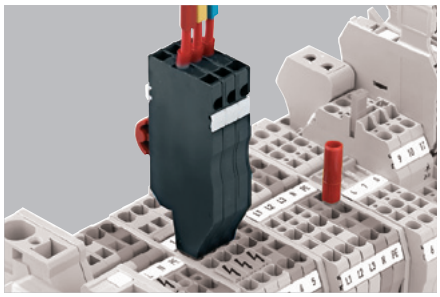
Page C.136




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.

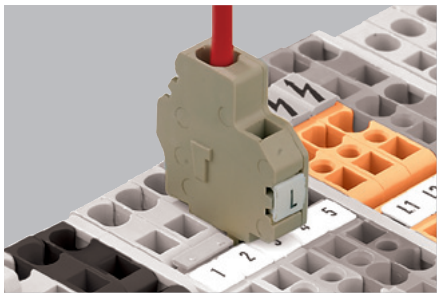
### Indentification and connecting

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

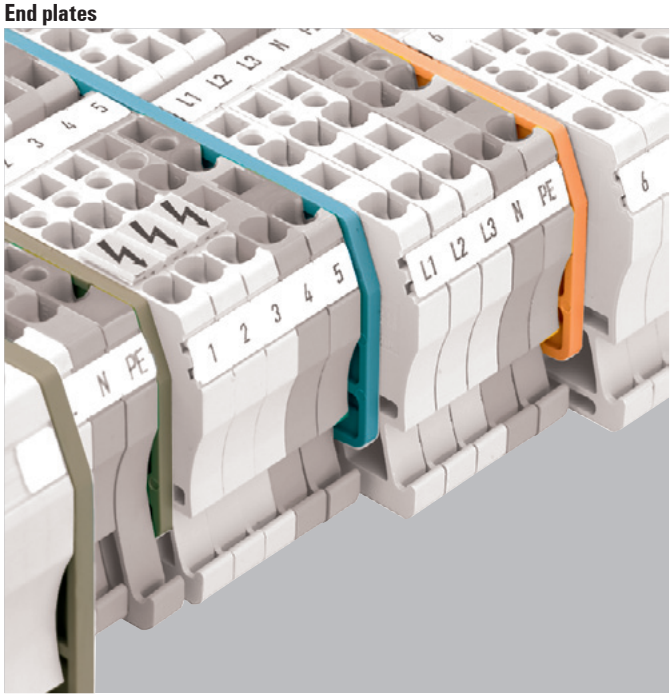
Page C.152



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 | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 2 mm** | | | | |
| 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 |
| **Width 2 mm** | | | | |
| 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 |
| **Width 2 mm** | | | | |
| 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 |
| **Width 2 mm** | | | | |
| 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 |
| **Width 2 mm** | | | | |
| 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 2.5/0. TNHE |
| ZAP/TW 1 SW | black | 50 | **1683730000** | |
| **Width 2 mm** | | | | |
| 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** | |
| **Width 2 mm** | | | | |
| 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/0.TNHE |
| | | | | ZTR 2.5/4AN |
| | | | | ZDU 2.5/2X2AN BL |
| | | | | ZTR 2.5/4AN BL |
| | | | | ZTR 2.5/4AN/0 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 |
| **Width 1.5 mm** | | | | |
| 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 | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 1.5 mm** | | | | |
| ZAP/TW ZDLD2.5-2N | dark beige | 20 | 1782340000 | ZDLD 2.5-2 N/BL |
| ZAP/TW ZDLD2.5-2N BL | blue | 20 | 1782350000 | ZDLD 2.5-2 VN |
| ZAP/TW ZDLD2.5-2N OR | orange | 20 | 1782360000 | ZDLD 2.5-2 VN/BL |
| | | | | ZDLD 2.5-2 N |
| **Width 1.5 mm** | | | | |
| ZAP ZMAK2.5 | dark beige | 10 | 1768010000 | ZMAK 2.5 |
| **Width 1.5 mm** | | | | |
| AP ZDTR2.5 | dark beige | 20 | 1745420000 | ZDTR 2.5 |
| AP ZDTR2.5 BL | blue | 20 | 1798340000 | ZDTR 2.5 BL |
| **Width 2 mm** | | | | |
| ZAP/TW 4 BL | blue/light blue | 50 | 1632100000 | ZDU 4 |
| ZAP/TW 4 | dark beige | 50 | 1632090000 | ZDU 4 BL |
| ZAP/TW 4 GN | green | 50 | 1683920000 | ZPE 4 |
| ZAP/TW 4 OR | orange | 50 | 1632110000 | |
| **Width 2 mm** | | | | |
| ZAP/TW 4/3AN BL | blue | 20 | 7904110000 | ZDU 4/3AN |
| ZAP/TW 4/3AN OR | orange | 20 | 7904120000 | ZDU 4/3AN BL |
| ZAP/TW 4/3AN | dark beige | 20 | 7904100000 | ZPE 4/3AN |
| **Width 2 mm** | | | | |
| ZAP/TW4/4AN | dark beige | 20 | 7904210000 | ZDU 4/4AN |
| ZAP/TW4/4AN BL | blue | 20 | 7904220000 | ZDU 4/4AN BL |
| ZAP/TW4/4AN OR | orange | 20 | 7904230000 | ZPE 4/4AN |
| **Width 2 mm** | | | | |
| ZAP/TW 5 | dark beige | 50 | 1608830000 | ZDU 6 |
| ZAP/TW 5 BL | blue/light blue | 50 | 1608840000 | ZDU 6 BL |
| ZAP/TW 5 OR | orange | 50 | 1608850000 | ZPE 6 |
| **Width 2 mm** | | | | |
| ZAP/TW6/3AN BL | blue | 20 | 7907380000 | ZDU 6/3AN |
| ZAP/TW6/3AN OR | orange | 20 | 7907390000 | ZDU 6/3AN BL |
| ZAP/TW6/3AN | dark beige | 20 | 7907370000 | ZPE 6/3AN |
| **Width 2.7 mm** | | | | |
| ZAP/TW ZDU10 | beige | 20 | 1748660000 | ZDU 10 |
| ZAP/TW ZDU10 BL | blue/light blue | 20 | 1764110000 | ZDU 10 BL |
| | | | | ZPE 10 |
| **Width 3 mm** | | | | |
| ZAP/TW 10/16 | beige | 20 | 1749580000 | ZDU 10/3AN |
| ZAP/TW 10/16 BL | blue | 20 | 1768520000 | ZDU 10/3AN BL |
| | | | | ZDU 16/3AN |
| | | | | ZDU 16/3AN BL |
| | | | | ZPE 10/3AN |
| | | | | ZPE 16/3AN |
| **Width 3 mm** | | | | |
| ZAP/TW ZDU16 | dark beige | 20 | 1745150000 | ZDU 16 |
| ZAP/TW ZDU16 BL | blue/light blue | 20 | 1764100000 | ZDU 16 BL |
| | | | | ZPE 16 |

### ... for roof-style terminals

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 2.5 mm** | | | | |
| ZAP/TW7 | dark beige | 50 | 1706110000 | ZDU 2.5-2 |
| ZAP/TW7 BL | blue/light blue | 50 | 1706120000 | ZDU 2.5-2 BL |
| ZAP/TW7 OR | orange | 50 | 1706130000 | 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 |
| **Width 2 mm** | | | | |
| ZAP/TW ZDK2.5-2 | dark beige | 20 | 1791050000 | ZDK 2.5-2 |
| ZAP/TW ZDK2.5-2 BL | blue | 20 | 1791060000 | ZDK 2.5-2 BL |
| ZAP/TW ZDK2.5-2 OR | orange | 20 | 1791070000 | ZDK 2.5-2 PE |
| | | | | ZDK 2.5V |
| | | | | ZDK 2.5V BL |

### ... for roof-style terminals

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 2 mm** | | | | |
| ZAP/TW ZDKPE2.5-2 | dark beige | 25 | 1805960000 | ZDKPE 2.5-2 |
| | | | | ZDKPE 2.5-2/N/L/PE |
| **Width 2 mm** | | | | |
| ZAP ZDU4-2 | dark beige | 50 | 1770400000 | ZDU 4-2/2AN |
| ZAP ZDU4-2 BL | blue | 50 | 1770880000 | ZDU 4-2/2AN BL |
| ZAP ZDU4-2 OR | orange | 50 | 1770890000 | ZDU 4-2/3AN |
| | | | | ZDU 4-2/3AN BL |
| | | | | ZDU 4-2/3AN LSC |
| | | | | ZPE 4-2/2AN |
| | | | | ZPE 4-2/3AN |
| **Width 2 mm** | | | | |
| ZAP ZDU4-2/4AN | dark beige | 50 | 1807010000 | ZDU 4-2/4AN |
| ZAP ZDU4-2/4AN BL | blue | 50 | 1807020000 | ZDU 4-2/4AN BL |
| ZAP ZDU4-2/4AN OR | orange | 50 | 1807030000 | ZPE 4-2/4AN |
| **Width 2.5 mm** | | | | |
| ZAP ZDU6-2 | dark beige | 50 | 1771440000 | ZDU 6-2/2AN |
| ZAP ZDU6-2 BL | blue | 50 | 1771450000 | ZSI 6-2 2X2.5/G20 |
| ZAP ZDU6-2 OR | orange | 50 | 1771460000 | ZSI 6-2 2X2.5/G20/LD1 |
| ZAP ZDU6-2 SW | black | 50 | 1814710000 | 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 |
| **Width 2.5 mm** | | | | |
| ZAP/Z...16-2/1AN | dark beige | 10 | 1772970000 | ZPE 16-2/1AN |

### ... for initiator-actuator terminals

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 5.1 mm** | | | | |
| ZAP/TW ZPV1.5 | dark beige | 50 | 1674650000 | ZAP/TW ZPV1.5 |
| | | | | ZPV 1.5 |
| **Width 5.1 mm** | | | | |
| ZAP/TW ZIA1.5/3L | beige | | 1649540000 | ZIA 1.5/3L-1S |
| | | | | ZIA 1.5/3L-1S/LD |
| | | | | ZIA 1.5/3L-PE |
| **Width 5.1 mm** | | | | |
| ZAP/TW ZIA1.5/4L | beige | | 1649550000 | ZIA 1.5/4L-1S |
| | | | | ZIA 1.5/4L-1S/LD |
| | | | | ZIA 1.5/4L-PE |
| **Width 5 mm** | | | | |
| AP ZRV1.5 DB | dark beige | 10 | 1698180000 | |

## ... for installations terminals

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 2 mm** | | | | |
| ZAP ZDU10/16S | dark beige | 20 | **1739660000** | ZDU 10/NT |
| | | | | ZDU 10S |
| | | | | ZDU 10S BL |
| | | | | ZDU 16S |
| | | | | ZDU 16S BL |
| | | | | ZNT 10S |
| | | | | ZNT 16S |
| | | | | ZPE 10S |
| | | | | ZPE 16S |
| **Width 2 mm** | | | | |
| ZAP ZDU 2.5 S | dark beige | 20 | **1808030000** | ZDU 2.5 S |
| ZAP ZDU 2.5 S BL | blue | 20 | **1808040000** | ZDU 2.5 S BL |
| ZAP ZDU 2.5 S OR | orange | 20 | **1808050000** | ZNT 2.5 S |
| | | | | ZPE 2.5 S |
| **Width 2 mm** | | | | |
| ZAP ZDU 4 S | dark beige | 20 | **1808380000** | ZDU 4 S |
| ZAP ZDU 4 S BL | blue | 20 | **1808390000** | ZDU 4 S BL |
| | | | | ZNT 4 S |
| | | | | ZPE 4 S |
| **Width 2 mm** | | | | |
| ZAP ZDU 6 S | dark beige | 20 | **1808250000** | ZDU 6 S |
| ZAP ZDU 6 S BL | blue | 20 | **1808260000** | ZDU 6 S BL |
| | | | | ZNT 6 S |
| | | | | ZPE 6 S |
| **Width 3 mm** | | | | |
| ZHP S | blue | 20 | **1808290000** | ZDU 2.5 S |
| ZHP S SO | blue | 20 | **1808280000** | ZPE 2.5 S |
| | | | | ZPE 4 S |
| | | | | ZPE 6 S |
| | | | | ZDU 2.5 S BL |
| | | | | ZDU 4 S |
| | | | | ZDU 4 S BL |
| | | | | ZDU 6 S |
| | | | | ZDU 6 S BL |
| | | | | ZNT 2.5 S |
| | | | | ZNT 4 S |
| | | | | ZNT 6 S |

## ... for mini-terminals

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 1.5 mm** | | | | |
| ZAP/TW ZDUA | dark beige | 50 | **1720960000** | ZDUA 2.5-2 |
| ZAP/TW ZDUA BL | blue/light blue | 50 | **1720970000** | ZDUA 2.5-2 BL |
| ZAP/TW ZDUA OR | orange | 50 | **1720980000** | ZPEA 2.5-2 |
| **Width 2.5 mm** | | | | |
| ZAP/TW ZDUA2.5-2N | dark beige | 50 | **1808170000** | ZDUA 2.5-2N |
| | | | | ZDUA 2.5-2N BL |
| | | | | ZPEA 2.5-2N |
| **Width 5 mm** | | | | |
| ZAP ZDUB | dark beige | 50 | **1704750000** | ZDUB 2.5-2/2AN/15 |
| ZAP ZDUB BL | blue/light blue | 50 | **1704760000** | ZDUB 2.5-2/2AN/RC BL |
| ZAP ZDUB OR | orange | 50 | **1704770000** | ZDUB 2.5-2/2AN/RC GE |
| | | | | ZDUB 2.5-2/2AN/RC OR |
| | | | | ZDUB 2.5-2/4AN/15 |
| | | | | ZDUB 2.5-2/4AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DB |
| | | | | ZDUB 2.5-2/4AN/DB BL |
| | | | | ZDUB 2.5-2/4AN/DB GE |
| | | | | ZDUB 2.5-2/4AN/DM |
| | | | | ZDUB 2.5-2/4AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DM GE |
| | | | | ZDUB 2.5-2/4AN/RC |
| | | | | ZDUB 2.5-2/4AN/RC/BL |
| | | | | ZDUB 2.5-2/4AN/RC/GE |
| | | | | ZPEB 2.5-2/2AN |
| | | | | ZDUB 2.5-2/2AN/DB |
| | | | | ZDUB 2.5-2/2AN/DB BL |
| | | | | ZDUB 2.5-2/2AN/DB GE |
| | | | | ZDUB 2.5-2/2AN/DM |
| | | | | ZDUB 2.5-2/2AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/DM GE |
| | | | | ZDUB 2.5-2/2AN/RC |
| **Width 5 mm** | | | | |
| ZTW ZDUB | dark beige | 50 | **1704340000** | ZDUB 2.5-2/2AN/15 |
| | | | | ZDUB 2.5-2/2AN/RC BL |
| | | | | ZDUB 2.5-2/2AN/RC GE |
| | | | | ZDUB 2.5-2/2AN/RC OR |
| | | | | ZDUB 2.5-2/4AN/15 |
| | | | | ZDUB 2.5-2/4AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DB |
| | | | | ZDUB 2.5-2/4AN/DB BL |
| | | | | ZDUB 2.5-2/4AN/DB GE |
| | | | | ZDUB 2.5-2/4AN/DM |
| | | | | ZDUB 2.5-2/4AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DM GE |
| | | | | ZDUB 2.5-2/4AN/RC |
| | | | | ZDUB 2.5-2/4AN/RC/BL |
| | | | | ZDUB 2.5-2/4AN/RC/GE |
| | | | | ZPEB 2.5-2/2AN |
| | | | | ZDUB 2.5-2/2AN/DB |
| | | | | ZDUB 2.5-2/2AN/DB BL |
| | | | | ZDUB 2.5-2/2AN/DB GE |
| | | | | ZDUB 2.5-2/2AN/DM |
| | | | | ZDUB 2.5-2/2AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/DM GE |
| | | | | ZDUB 2.5-2/2AN/RC |

### ... for WeiCoS pluggable terminals

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 2.5 mm** | | | | |
| ZAP/TW ZT2.5/2AN | dark beige | 50 | **1816030000** | ZT 2.5/2AN/1 |
| ZAP/TW ZT2.5/2AN OR | orange | 50 | **1816040000** | ZTPE 2.5/2AN/1 |
| **Width 2.5 mm** | | | | |
| ZAP/TW ZT2.5/3AN | dark beige | 50 | **1816050000** | ZT 2.5/3AN/1 |
| | | | | ZTPE 2.5/3AN/1 |
| **Width 2.5 mm** | | | | |
| ZAP/TW ZT2.5/4AN/2 | dark beige | 50 | **1816070000** | ZT 2.5/4AN/2 |
| ZAP/TW ZT2.5/4AN/2 OR | orange | 50 | **1816080000** | ZTPE 2.5/4AN/2 |
| **Width 2.5 mm** | | | | |
| ZAP/TW ZT2.5/4AN/4 | dark beige | 50 | **1816090000** | ZT 2.5/4AN/4 |
| | | | | ZTC 2.5/4AN/4 |
| | | | | ZTCPE 2.5/4AN/4 |
| | | | | ZTPE 2.5/4AN/4 |
| **Width 2.5 mm** | | | | |
| ZAP/TW ZDT2.5/2 | dark beige | 50 | **1816110000** | ZDT 2.5/2 |
| | | | | ZDT 2.5/2 DU-PE |
| | | | | ZDT 2.5/2 PE |
| **Width** | | | | |
| ZAP/TW ZTTR2.5 | dark beige | 50 | **1865520000** | ZTTR 2.5 |
| | | | | ZTTR 2.5/0. TNHE |

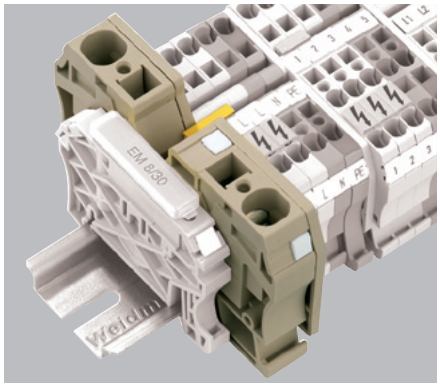
### ... for double- / multi-layer terminal bocks

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 1.5 mm** | | | | |
| ZAP ZVLD 2.5 | dark beige | 10 | **1210410000** | ZVLD 2.5 |

### ... for custom applications

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width 2 mm** | | | | |
| ZTW ZTL6 | dark beige | 20 | **1771870000** | ZTD 6 |
| ZTW ZTL6 OR | orange | 20 | **1771880000** | ZTD 6/STB |
| | | | | ZTL 6 |
| | | | | ZTL 6/STB |
| **Width 1.5 mm** | | | | |
| ZAP ZDU4/NT | dark beige | 20 | **1757970000** | ZDU 4/NT |
| | | | | ZDU 4/NT DB |
| **Width 2.5 mm** | | | | |
| ZAP ZDU10/16S | dark beige | 20 | **1739660000** | ZDU 10/NT |
| | | | | ZDU 10S |
| | | | | ZDU 10S BL |
| | | | | ZDU 16S |
| | | | | ZDU 16S BL |
| | | | | ZNT 10S |
| | | | | ZNT 16S |
| | | | | ZPE 10S |
| | | | | ZPE 16S |

## ZEI 16 supply terminal

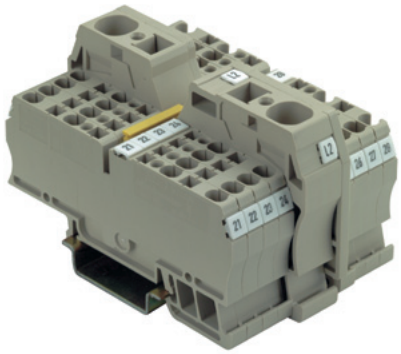


The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm². Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

## Integrated partition plate

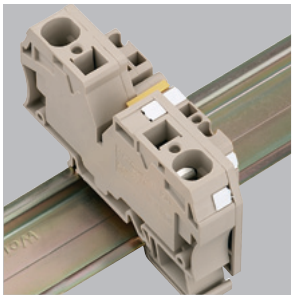
## Output possible on left and right



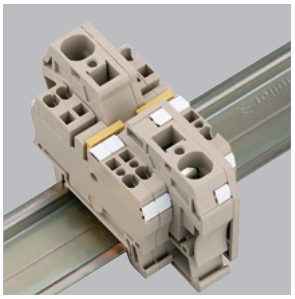
## Output options and corresponding cross-connections

| 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/...** | • | • |

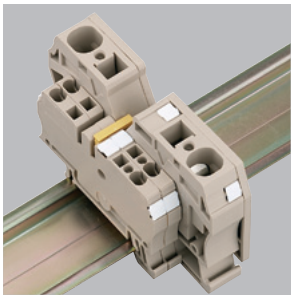
1) with IEPL 2) with QVAR



Imax =
Σ In (links)



Imax =
Σ In (left) + Σ In (right)



Imax =
Σ In (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** |

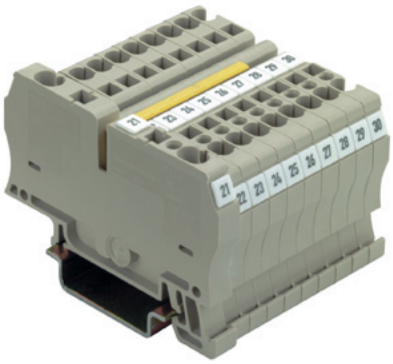
## Maximum current flow $I_{max}$ only with ZEI 16

| Feed terminal | Cross-connection | Supply conductor cross-section area | Supply left or right | Supply middle |
|---|---|---|---|---|
| **ZDU 2.5** | **ZQV 2.5** | 16 mm² | 48 A | 76 A |
| | | 25 mm² | 48 A | 89 A |
| **ZDU 2.5/4AN** | **ZQV 2.5** | 16 mm² | 48 A | 76 A |
| | | 25 mm² | 48 A | 89 A |
| **ZDU 4** | **ZQV 4** | 16 mm² | 64 A | 76 A |
| | | 25 mm² | 66 A | 100 A |
| **ZDU 6** | **ZQV 6** | 16 mm² | 76 A | 76 A |
| | | 25 mm² | 82 A | 100 A |

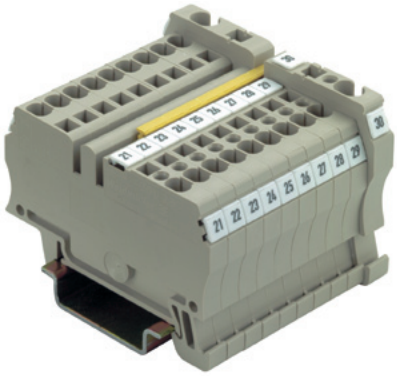
## Supply with standard terminals

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

| Supply terminals \ Output terminals | 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** | | | | | | | | | | | | | |
| **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) |

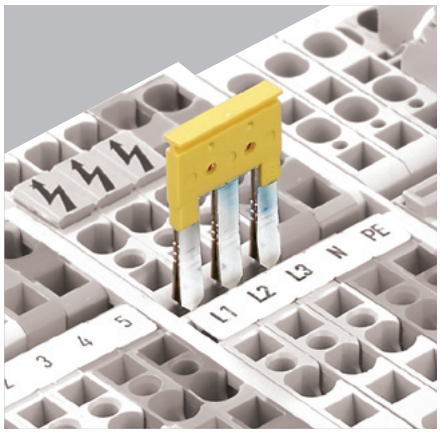
| Supply terminals \ Output terminals | ZDU 2.5 | ZDU 2.5/3AN | ZDU 2.5/4AN | ZDU 2.5N | ZDU 2.5N/3AN | ZDU 2.5N/4AN | ZDU 4 | ZDU 4/3AN | ZDU 4/4AN | | ZTR 2.5 | ZTR 2.5/3AN | ZTR 2.5/4AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **on the left** | | | | | | | | | | | | | |
| **on 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 ZQV 2.5/3 to ZDU 2.5: 55 A
- ZDU 6 with ZQV 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.

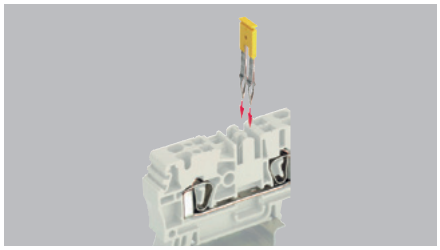
However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

### Breaking out contact elements

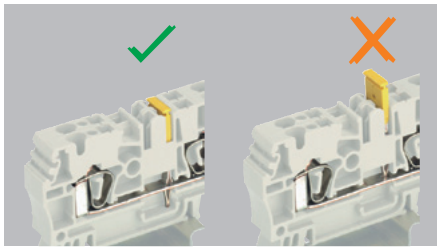
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

### Fitting and changing crossconnections

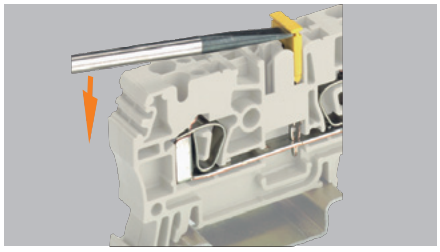
The fitting and changing of cross-connections is a trouble-free and fast operation:
– Insert the cross-connection into the cross-connection channel in the terminal...



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

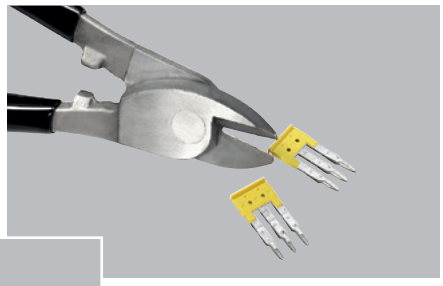


– Remove a cross-connection by simply prising it out with a screwdriver.



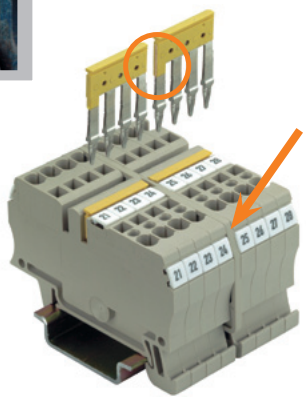
### Shortening cross-connections

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.



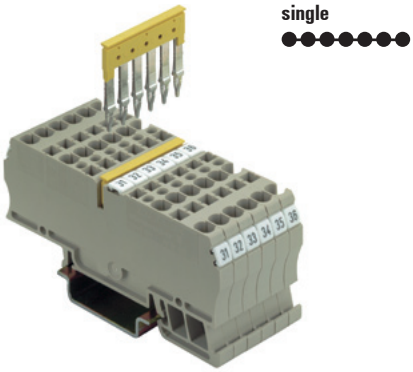
**Caution:**
Contact elements must not be deformed!

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.)

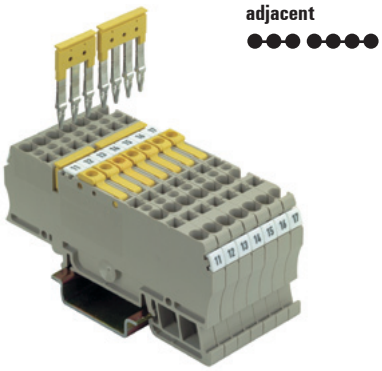


## Possible combinations

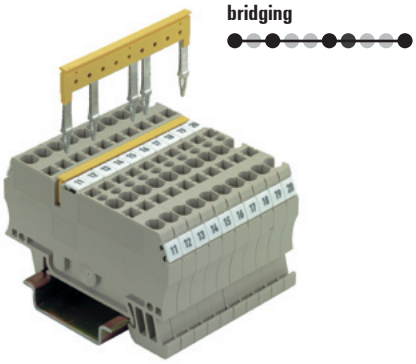
### In one cross-connection channel



single



adjacent

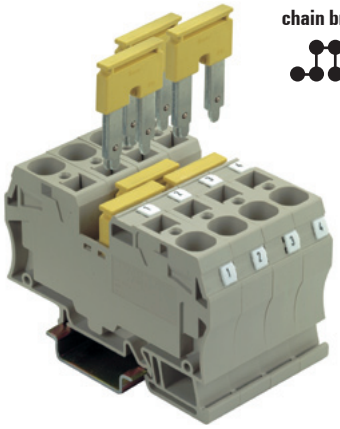


bridging

### In two cross-connection channels

parallel/bridging

parallel/lengthening



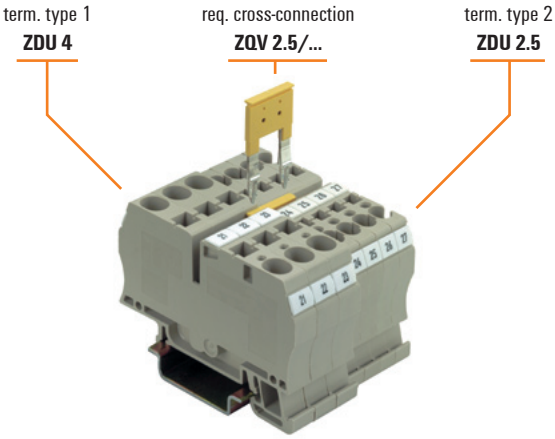
chain bridge

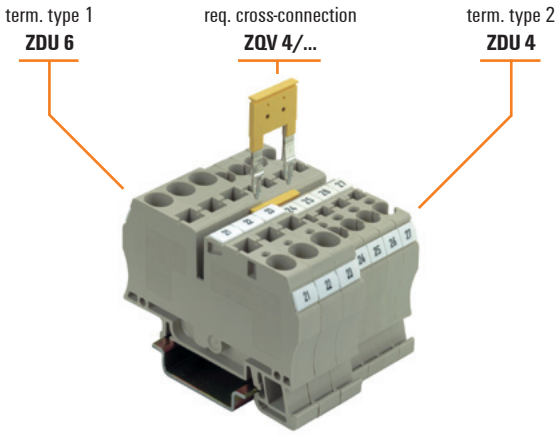
### Possible cross-connections of terminals of the same type with corresponding cross-connections

| 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/... | | | • | | | |

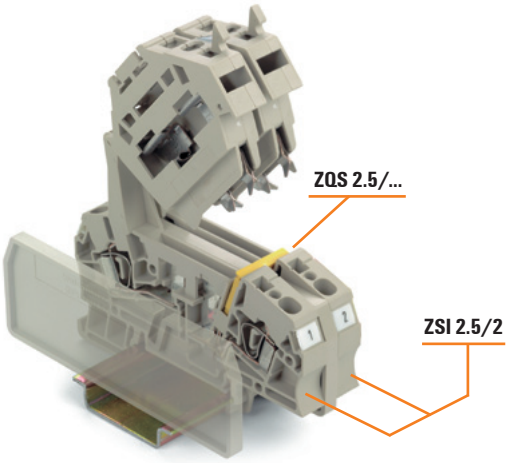
## Alternative cross-connections available

### Terminals with different rated cross-section




### Fuse terminals with same rated cross-section



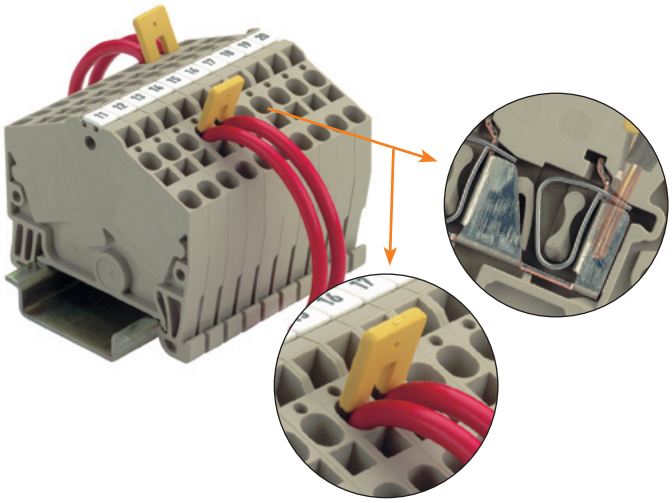

It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

### 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 mm² "e" and "f" as a result of using ZWB 2.5.



## Cross-connections according to dimensions

### ZQV 1.5

| Technical data | | |
|---|---|---|
| Current / Current | A | 17.5 / 17.5 |
| **Ordering data** | **Type** | **Qty.** / **Order No.** |
| 2-pole | ZQV 1.5/2 | 60 / 1776120000 |
| 3-pole | ZQV 1.5/3 | 60 / 1776130000 |
| 4-pole | ZQV 1.5/4 | 60 / 1776140000 |
| 5-pole | ZQV 1.5/5 | 20 / 1776150000 |
| 6-pole | | |
| 7-pole | | |
| 8-pole | | |
| 9-pole | | |
| 10-pole | ZQV 1.5/10 | 20 / 1776200000 |
| 20-pole | | |
| 32-pole | | |

**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 ...
ZTR 2.5 ...
ZDTR 2.5
ZTSI 2.5 ...
ZRV 2.5 ...
ZIA 2.5 ...
ZEI 16
ZDU 2.5-2 ...
ZDK 2.5-2
ZTR 2.5-2 ...
ZDLD 2.5-2 ...
ZDKPE 2.5-2
ZDU 2.5N ...
ZNT 2.5/3AN ...
ZEI 16-2/1 AN
ZDU 2.5 S
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 ...
ZDK 4/S ...
ZEI 16
ZDU 4-2 ...
ZDU 4 S
ZNT 4 S
ZEI 16-2/1 AN

## Cross-connections according to dimensions

### ZQV 35-10

**Reducing cross-connection**

| Technical data | | |
|---|---|---|
| Current / Current | A | 57 / 105 |
| **Ordering data** | **Type** | **Qty.** / **Order No.** |
| 2-pole | ZQV 35-10 | 10 / 7920100000 |
| 3-pole | | |
| 4-pole | | |
| 5-pole | | |
| 6-pole | | |
| 7-pole | | |
| 8-pole | | |
| 9-pole | | |
| 10-pole | | |
| 20-pole | | |
| 32-pole | | |

**For terminal:**

ZDU 10 ...
ZPE 10 ...
ZDU 35
ZPE 35
ZDU 10 S
ZNT 10 S

### 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 ...
ZDT 2.5 ...
ZP 2.5 ...
ZTTQ 2.5 ...
ZTC ...
ZDUA 2.5-2 ...
ZDUA 2.5-2N ...
ZDL 2.5 ...
ZDL 2.5 S

### 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

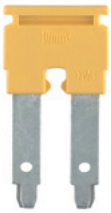
41 / 41

| 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 ...
ZDK 6/S ...
ZTL 6 ...
ZEI 16 ZEI
ZDU 6-2 ...
ZDU 6 S
ZNT 6 S
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 NT
ZDU 10 S
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
ZPE 16
ZDU 16 S
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 ...
ZDT 2.5/2
ZDLD 2.5-2 ...

## 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 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| | | ZTA 1 | ZTA 2 | ZTA 3 |
|---|---|---|---|---|
| | | For terminal width 5.1 mm | For terminal width 6.1 mm | For terminal width 8.1 mm |
| | | | | |
| **Dimensions** | | | | |
| Width / Length / Height[1] | mm | 5.1 / 31.5 | 6.1 / 31.5 | 8.1 / 31.5 |
| Stripping length | mm | 6 | 6 | 6 |
| **Rated data** | | | | |
| Rated voltage | V | 250 | 250 | 250 |
| Rated current | A | 9 | 9 | 9 |
| Rated cross-section | mm² | 1.5 | 1.5 | 1.5 |
| **Clamped conductors (H05V/H07V)** | | | | |
| solid / stranded | mm² | 0.5...1.5 | 0.5...1.5 | 0.5...1.5 |
| flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 |
| **Ordering data** | | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** |
| | 1-pole | ZTA 1 / 25 / **1609040000** | ZTA 2 ZDU4 / 25 / **1609060000** | ZTA 3 ZDU6 / 25 / **1654050000** |
| | With snap-in pegs | ZTA 1/ZA / 25 / **1609050000** | ZTA 2/ZA ZDU4 / 25 / **1609070000** | |
| | | **For terminal:** | **For terminal:** | **For terminal:** |
| | | ZDU 2.5 ... | ZDU 4 ... | ZDU 6 ... |
| | | ZTR 2.5 ... | | |
| | | ZSI 2.5 ... | | |
| | | ZSI 2.5/2 | | |

## 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 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| | | ZTA 6 | ZTA 7 | ZTA ZT2.5 |
|---|---|---|---|---|
| | | For terminal width 6.1 mm | For terminal width 8.1 mm | For terminal width 5.1 mm |
| | | | | |
| **Dimensions** | | | | |
| Width / Length / Height[1] | mm | 6.1 / 31.5 | 8.1 / 31.5 | 5.1 / 20 |
| Stripping length | mm | 6 | 6 | 10 |
| **Rated data** | | | | |
| Rated voltage | V | 250 | 250 | 250 |
| Rated current | A | 17.5 | 9 | 17.5 |
| Rated cross-section | mm² | 1.5 | 1.5 | 1.5 |
| **Clamped conductors (H05V/H07V)** | | | | |
| solid / stranded | mm² | 0.5...1.5 | 0.5...1.5 | 0.5...1.5 |
| flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 |
| **Ordering data** | | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** |
| | 1-pole | | | ZTA ZT2.5 / 25 / **1827080000** |
| | With snap-in pegs | ZTA 6/ZA / 25 / **1780660000** | ZTA 7/ZA / 25 / **1780670000** | ZTA ZT2.5/ZA / 25 / **1847600000** |
| | | **For terminal:** | **For terminal:** | **For terminal:** |
| | | ZDU 4-2 ... | ZDU 6-2 ... | 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 ... | | |
| ZTTR 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... | | |
| ZTTR 2.5/2AN/1 | | |

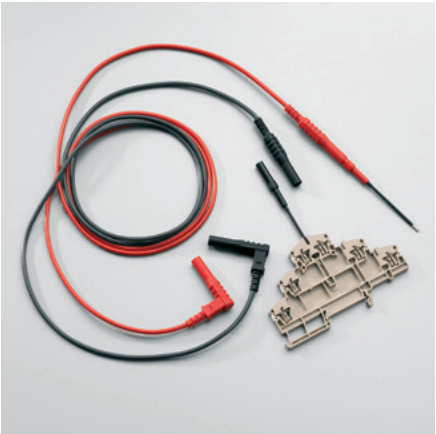
## PS ZQV test probes

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

| | Test probes |
|---|---|
| DC voltage measuring range | 1000 V |
| AC voltage measuring range | 1000 V |
| Weight | |

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

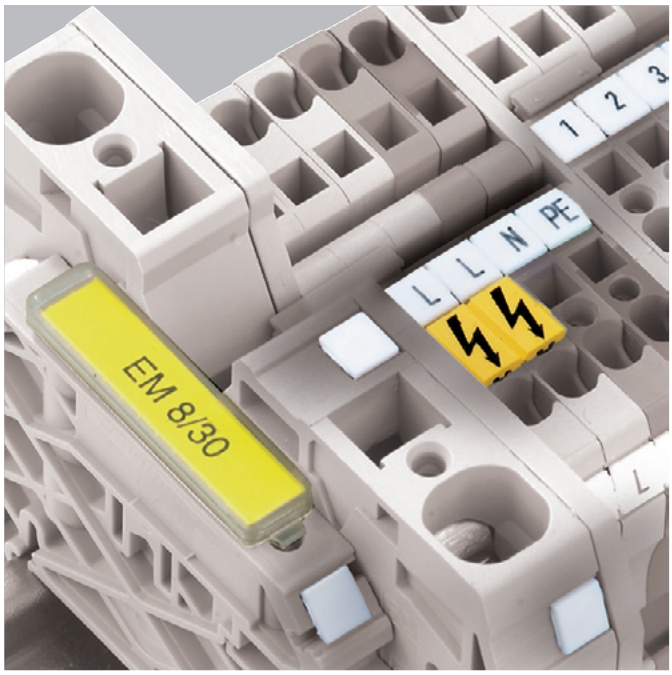
## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| | **PS_ZQV_SET | 1 | 1116710000 |
| | *PS_ZQV | 1 | 1121740000 |

**Note**

Included in delivery: * 2 test probes (red and black)
** 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 $mm^2$ and 2.5 $mm^2$ 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<br>Width | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| ZAD 7/4 | | 20 | **1781940000** | ZDK 1.5 |
| | | | | ZDK 1.5 BL |
| | | | | ZDK 1.5DU-PE |
| | | | | ZDK 1.5V |
| | | | | ZDK 1.5V BL |
| | | | | ZDU 1.5 |
| | | | | ZDU 1.5 2X2AN |
| | | | | ZDU 1.5 2X2AN BL |
| | | | | ZDU 1.5 BL |
| | | | | ZDU 1.5/3 AN |
| | | | | ZDU 1.5/3 AN/BL |
| | | | | ZDU 1.5/4 AN |
| | | | | ZDU 1.5/4 AN/BL |
| | | | | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| **Width** | | | | |
| ZAD 1/4 | | 20 | **1609110000** | ZDK 4-2 |
| | | | | ZDU 2.5 BL |
| | | | | ZDU 2.5/2X2AN |
| | | | | ZDU 2.5/2X2AN BL |
| | | | | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZDU 2.5/2X2AN/LD+ |
| | | | | ZDU 2.5/2X2AN/LD- |
| | | | | ZDU 2.5/3AN |
| | | | | ZDU 2.5/3AN BL |
| | | | | ZDU 2.5/4AN |
| | | | | ZDK 4-2 BL |
| | | | | ZDU 2.5/4AN BL |
| | | | | ZDU 4-2/2AN |
| | | | | ZDU 4-2/2AN BL |
| | | | | ZDU 4-2/3AN |
| | | | | ZDU 4-2/3AN BL |
| | | | | ZDU 4-2/3AN LSC |
| | | | | ZDU 4-2/4AN |
| | | | | ZDU 4-2/4AN BL |
| | | | | ZDUA 2.5-2N |
| | | | | ZDUA 2.5-2N BL |
| | | | | ZDK 4-2 PE |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| | | | | ZPE 4-2/4AN |
| | | | | ZPEA 2.5-2N |
| | | | | ZSI 2.5-2/2X2AN/G20 |
| | | | | ZSI 2.5-2/2X2AN/G20/LD1 |
| | | | | ZSI 2.5-2/2X2AN/G20/LD2 |
| | | | | ZSI 6-2 2X2.5/G20 |
| | | | | ZSI 6-2 2X2.5/G20/LD1 |
| | | | | ZSI 6-2 2X2.5/G20/LD2 |
| | | | | ZDK 4-2 V |
| | | | | ZSI 6-2 2X2.5/G20/LD3 |
| | | | | ZSI 6-2 2X2.5/G20/LD4 |
| | | | | ZTR 2.5/4AN |
| | | | | ZTR 2.5/4AN BL |
| | | | | ZTR 2.5/4AN/O TNHE |
| | | | | ZDK 4-2/D forward |
| | | | | ZDK 4-2/D reverse |
| | | | | ZDK 4-2/DU-PE |
| | | | | ZDK 4-2/N/L |
| | | | | ZDU 2.5 |

## Cover

| Type<br>Width | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| ZAD 1/4-2 GE | | 20 | 1764560000 | ZDK 2.5-2 |
| | | | | ZDK 2.5-2 BL |
| | | | | ZDK 2.5-2 PE |
| | | | | ZDK 2.5V |
| | | | | ZDK 2.5V BL |
| | | | | ZDKPE 2.5-2 |
| | | | | ZDKPE 2.5-2/N/L/PE |
| | | | | ZDU 2.5-2 |
| | | | | ZDU 2.5-2 BL |
| | | | | ZDU 2.5-2/3AN |
| | | | | ZDU 2.5-2/3AN BL |
| | | | | ZDU 2.5-2/4AN |
| | | | | ZDU 2.5-2/4AN BL |
| | | | | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| | | | | ZTR 2.5-2 |
| | | | | ZTR 2.5-2 BL |
| | | | | ZTR 2.5-2/0.TNHE |
| **Width** | | | | |
| ZAD 2/4 | | 20 | 1609080000 | ZDU 2.5/2X2AN/D+ |
| | | | | ZEI 16 BL |
| | | | | ZSI 2.5-2/2X2AN/G20 |
| | | | | ZSI 2.5-2/2X2AN/G20/LD1 |
| | | | | ZSI 2.5-2/2X2AN/G20/LD2 |
| | | | | ZSI 6-2 2X2.5/G20 |
| | | | | ZSI 6-2 2X2.5/G20/LD1 |
| | | | | 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 |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZSI 6-2/FC LD |
| | | | | ZDU 4 |
| | | | | ZDU 4 BL |
| | | | | ZDU 4/3AN |
| | | | | ZDU 4/3AN BL |
| | | | | ZDU 4/4AN |
| | | | | ZDU 4/4AN BL |
| | | | | ZEI 16 |
| **Width** | | | | |
| ZAD 3/4 | | 20 | 1609120000 | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZDU 6 |
| | | | | ZDU 6 BL |
| | | | | ZDU 6/3AN |
| | | | | ZDU 6/3AN BL |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| | | | | ZEI 6 |
| **Width** | | | | |
| ZAD 4/5 | | 20 | 1746730000 | ZDU 10 |
| | | | | ZDU 10 BL |
| | | | | ZDU 10/3AN |
| | | | | ZDU 10/3AN BL |
| | | | | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| **Width** | | | | |
| ZAD 5/5 | | 20 | 1745210000 | ZDU 16 |
| | | | | ZEI 16-2/1AN BL |
| | | | | ZDU 16 BL |
| | | | | ZDU 16/3AN |
| | | | | ZDU 16/3AN BL |
| | | | | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| | | | | ZEI 16-2/1AN |

## Cover

| Type<br>Width | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| ZAD 6/5 | | 20 | 1752620000 | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZDU 35 |
| | | | | ZDU 35 BL |
| | | | | ZEI 16 |
| | | | | ZEI 16 BL |
| **Width** | | | | |
| ZAD 9/4 | | 20 | 1934160000 | ZDU 2.5N |
| | | | | ZDU 2.5N/3AN |
| | | | | ZDU 2.5N/4AN |
| | | | | ZDK 2.5 |
| | | | | ZDK 2.5/3AN |
| | | | | ZDK 2.5V |
| | | | | ZDUA 2.5-2 |
| | | | | ZPEA 2.5-2 |

## Operating tool

| Type<br>Width | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| ZBW 1/3.5 | | 1 | 1781930000 | ZDK 1.5DU-PE |
| | | | | ZDK 2.5-2 |
| | | | | ZDK 2.5-2 BL |
| | | | | ZDK 2.5-2 PE |
| | | | | ZDK 2.5V |
| | | | | ZDK 2.5V BL |
| | | | | ZDKPE 2.5-2 |
| | | | | ZDKPE 2.5-2/N/L/PE |
| **Width** | | | | |
| ZBW 1 | | 1 | 1669620000 | ZDK 2.5-2 |
| ZBW 2 | | 1 | 1650670000 | ZDK 2.5-2 BL |
| ZBW 3 | | 1 | 1650680000 | ZDK 2.5-2 PE |
| ZBW 4 | | 1 | 1650690000 | ZDK 2.5V |
| ZBW-6 | | 1 | 1650700000 | ZDK 2.5V BL |
| ZBWW | | 1 | 1669630000 | ZDKPE 2.5-2 |
| | | | | ZDKPE 2.5-2/N/L/PE |

## 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 mm². white |
| | 0.25...0.5 mm², grey |
| | 0.75...1.0 mm², 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...
ZDK 2.5 PE
ZDTR 2.5
ZDLD 2.5-2...
ZDU 2.5-2/...
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/V0 | 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 |

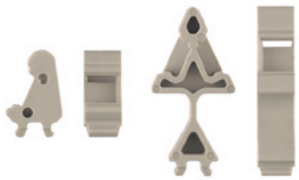
**For terminal:**
ZDU 4/...
ZPE 4/...

## 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.

## ZZA 2.5

| | | |
|---|---|---|
| **Dimensions** | | |
| Width / Length / Height | mm | 6.1 / 21 / 23 (50) |
| Stripping length | mm | |
| **Rated data** | | |
| Rated voltage | V | 400 |
| Rated current | A | 17.5 |
| Rated cross-section | mm² | 2.5 |
| Rated impulse voltage | kV | 6 |
| Pollution severity | | 3 |
| **Ordering data** | | |
| With snap-in pegs | | |

| 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.

## ZBS

| | | |
|---|---|---|
| **Dimensions** | | |
| Width / Length / Height | mm | 10 / 22.3 / 48 |
| Stripping length | mm | |
| **Rated data** | | |
| Rated voltage | V | 250 |
| Rated voltage with LED | | 30 V |
| Rated current | A | 6 |
| Rated current with LED | | 1 A |
| Rated impulse voltage | kV | 4 |
| Pollution severity | | 3 |
| **Ordering data** | | |
| For holding 2 LEDs | | |

| 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.

## ZDUS

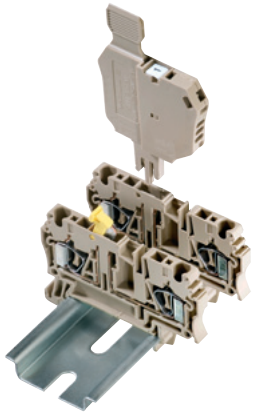
**Shield conductor - connection terminals**

| | | |
|---|---|---|
| **Dimensions** | | |
| Width / Length / Height | mm | 4.8 / 83.5 / 33.5 |
| **Ordering data** | | |

| Type | Qty. | Order No. |
|---|---|---|
| ZDUS | 20 | 1676640000 |

**For terminal:**

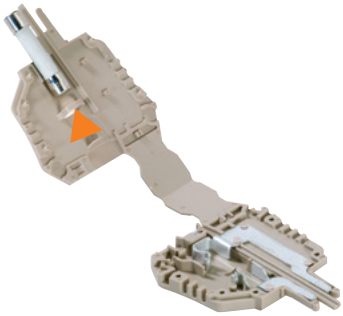
## SIHA fuse holder



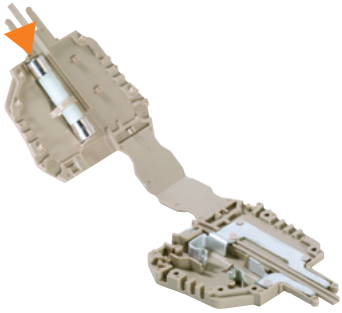
**For 5 x 20 G-fuse cartridges**
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.
Simply remove the isolating lever and insert the fuse plug.

- ESimple handling – no tools required
- Housing made of Wemid (V0)
- 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)

**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 screwdrive.

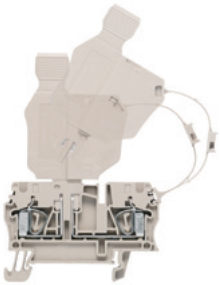
- Even fits on 5 mm wide terminals when fitted in offset arrangement

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

## 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 | | |

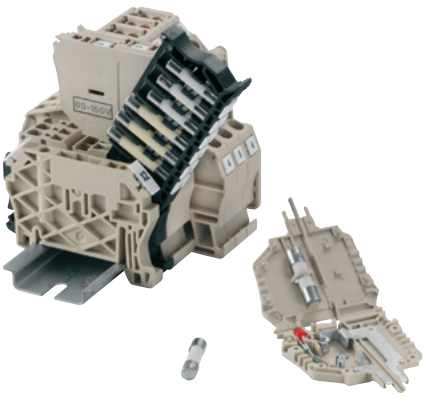
## SIHA STRAP



| | 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.

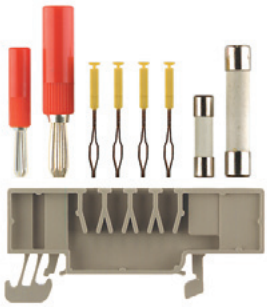
| Dimensions | | |
|---|---|---|
| Width / Length / Height | mm | 8 / 62 / 40 |

### 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 |

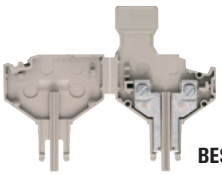
## Component isolating plugs

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 |
| **For terminal type** | | | |
| PTR 2.5/4... | | | |
| PDL 4 TR/... | | | |

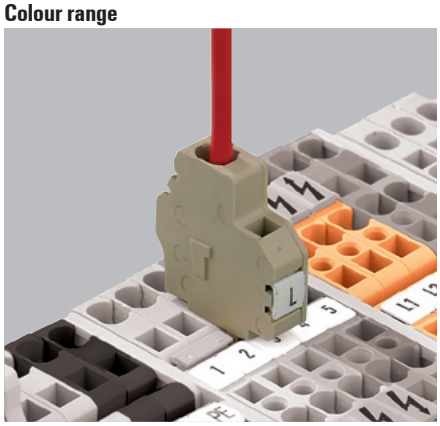
### Isolating plug

Isolating plug

### Ordering data

| Type | Colour | Qty. | Order No. |
|---|---|---|---|
| TNST | yellow Wemid | 25 | 1833090000 |
| **For terminal type** | | | |
| 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.

| | Colour | Qty. | 1.5 mm² Order No. |
|---|---|---|---|
| **ZDU 1.5** | | | |
| 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** |

| | Colour | Qty. | 2.5 mm² Order No. |
|---|---|---|---|
| **ZDU 2.5** | | | |
| 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 mm² |
|---|---|---|---|
| | Colour | Qty. | Order No. |
| **ZDU 4** | | | |
| 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 |
| **ZDU 4/3AN** | | | |
| ZDU 4/3AN BL | blue | | 7904190000 |
| ZDU 4/4AN OR | orange | | 8670210000 |
| **ZDU 4-2/2AN** | | | |
| ZDU 4-2/2AN BL | blue | | 1770840000 |
| **ZDU 4-2/3AN** | | | |
| ZDU 4-2/3AN BL | blue | | 1770860000 |
| ZDU 4-2/3AN OR | orange | 100 | 1770870000 |

| | | | 16 mm² |
|---|---|---|---|
| | Colour | Qty. | Order No. |
| **ZDU 16** | | | |
| ZDU 16 BL | blue | | 1745240000 |
| ZDU 16 OR | orange | 25 | 1830680000 |
| ZDU 16 SW | black | | 1830650000 |
| **ZDU 16/3AN** | | | |
| ZDU 16/3AN BL | blue | | 1768330000 |

## Mini terminals

| | | | 2.5 mm² |
|---|---|---|---|
| | Colour | Qty. | Order No. |
| **ZDUA 2.5-2** | | | |
| ZDUA 2.5-2 BL | blue | | 1808180000 |
| ZDUA 2.5-2 OR | orange | 100 | 1720940000 |
| ZDUA 2.5-2N BL | blue | | 1808180000 |
| **ZDUB 2.5-2/2AN** | | | |
| 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 |
| **ZDUB 2.5-2/4AN** | | | |
| 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 |

| | | | 6 mm² |
|---|---|---|---|
| | Colour | Qty. | Order No. |
| **ZDU 6** | | | |
| ZDU 6 BL | blue | | 1608630000 |
| ZDU 6 OR | orange | 50 | 1636820000 |
| ZDU 6 RT | red | 50 | 1830420000 |
| **ZDU 6/3AN** | | | |
| ZDU 6/3AN BL | blue | | 7907420000 |
| ZDU 6/3AN OR | orange | | 8670420000 |
| **ZDU 6-2/2AN** | | | |
| ZDU 6-2/2AN BL | blue | | 1771390000 |
| ZDU 6-2/2AN OR | orange | 50 | 1771400000 |
| **ZDU 6-2/3AN** | | | |
| ZDU 6-2/3AN BL | blue | | 1771420000 |
| ZDU 6-2/3AN OR | orange | 50 | 1771430000 |

| | | | 35 mm² |
|---|---|---|---|
| | Colour | Qty. | Order No. |
| **ZDU 35** | | | |
| ZDU 35 BL | blue | | 1739630000 |
| ZDU 35 OR | orange | 10 | 1830760000 |

| | | | 10 mm² |
|---|---|---|---|
| | Colour | Qty. | Order No. |
| **ZDU 10** | | | |
| ZDU 10 BL | blue | | 1746760000 |
| ZDU 10 OR | orange | 25 | 1830610000 |
| **ZDU 10/3AN** | | | |
| ZDU 10/3AN BL | blue | | 1767700000 |

# Terminals, W-Series


| | | |
|---|---|---|
| **Terminals, W-Series** | 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 |
| **Terminals, TS 15** | Mini terminals TS 15 | D. 130 |
| **Terminals for direct mounting** | Multi-pole terminal strips for direct mounting | D. 134 |
| **Stud terminals** | 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 |
| **Accessories** | Accessories W-Series | D. 154 |
| **Terminals, SAK-Series** | Overview SAK-Series | D. 184 |

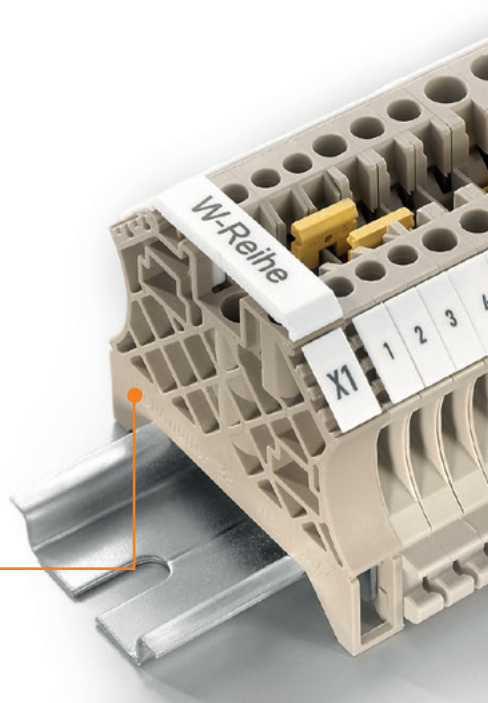
# Terminal blocks with clamping yoke and screw connection system

**High contact reliability for all standard electrical functions**

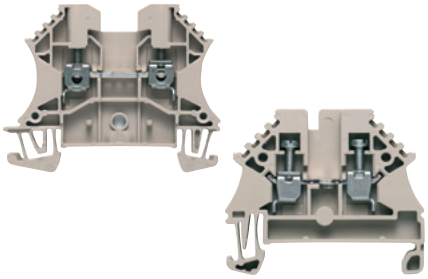
For a long time now, Weidmüller's W-Series terminal with screw clamp connection technology, has set the standard.

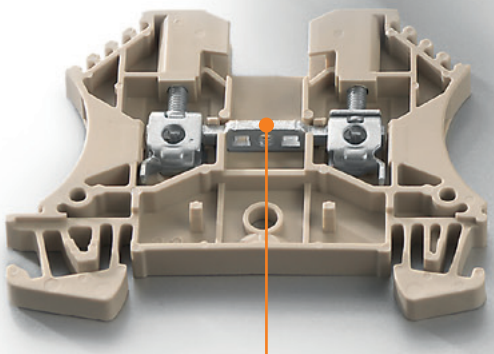
The W-Series offers solutions for conductor cross-sections between 0.05 and 300 mm². The cross-connectors are pluggable (ZQV) or screwable (WQV) in a terminal block. The combination of benefits is unequalled and puts the W-Series in a leading position on the market.

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.

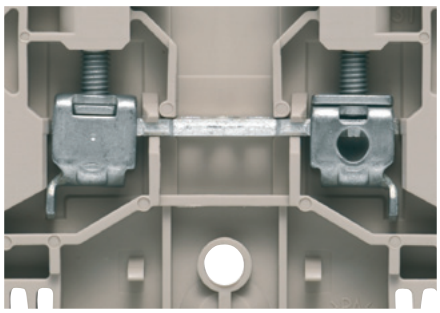


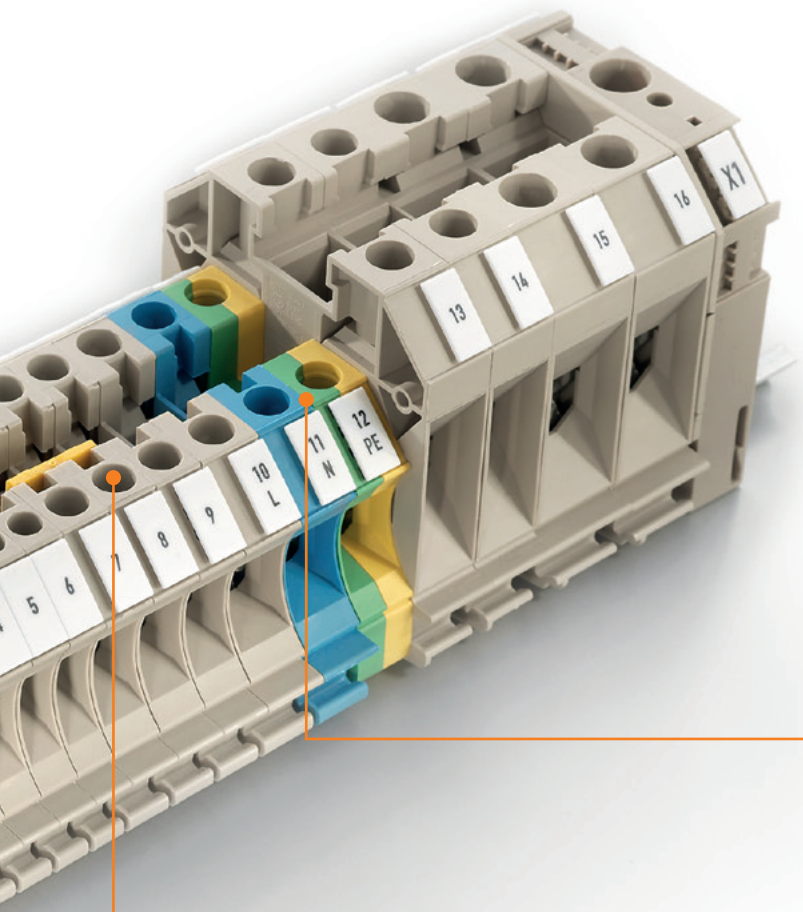

**Designs**
The W-Series is offered in standard and compact designs. The compact design is impressive with its small size for the design cross-sectional capacity.



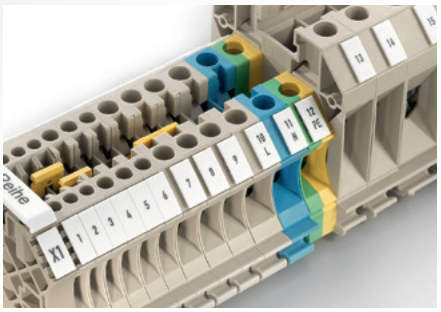


**Connections proven a million times**
The terminal unit consists of hardened steel, for very high contact force. The busbar is made of copper, which gives a low voltage drop. The tin-plated surface ensures minimum contact resistances.

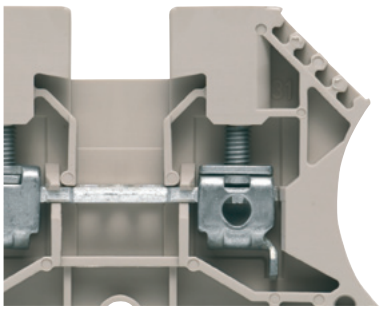





**Efficiency thanks to equal contours**
Uniform size of the terminal block bodies from 2.5 to 10 mm² means fewer accessories, lowers the cost, offers logistical advantages and enables simple installation.



**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.

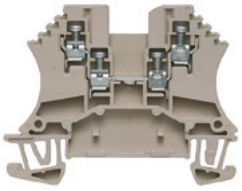


Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

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

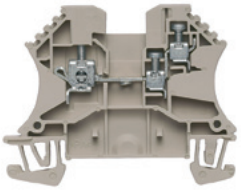
## WDU 1.5/ZZ — 1.5 mm²

**Twin connection**

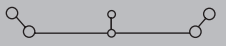


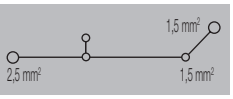
## WDU 2.5/1.5/ZR — 2.5 mm²

**Supplementary connection, right**



| | | WDU 1.5/ZZ | WDU 2.5/1.5/ZR |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 60 x 47 | 5.1 x 60 x 47 |
| max. current / max. cond. cross-section | A/mm² | 23 / 2.5 | 32 / 4 |
| Max. clamping range | mm² | 0.13...2.5 | 0.05...4 |






## Technical data

| Rated data | | WDU 1.5/ZZ | | | | WDU 2.5/1.5/ZR | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 300 (C) | 300 (C) | 550 | 800 | 300 (C) | 300 (C) | 550 |
| Rated current | A | 17.5 | 25 (C) | 10 (C) | 15 | 24 | 20 (C) | 20 (C) | 21 |
| Rated cross-section | mm² | 1.5 | AWG 22...12 | AWG 26...12 | 1.5 | 2.5 | AWG 30...12 | AWG 26...14 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A1 / V-0 | | | | A3, A1 / V-0 | | | |
| Approvals | | KEMA 98ATEX1685 U | | | | KEMA 98ATEX1685 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Further connection** | | | **Rated connection** | **Further connection** | | |
| Solid / stranded | mm² | 0.5...2.5 / 0.5...2.5 | 0.5...2.5 | | | 0.5...4 / 1.5...4 | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 | | | 0.5...4 / 0.5...2.5 | 0.5...0.5 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | | 0.4...0.6 Nm (M 2.5) | | | |
| Stripping length / Blade size | mm/- | 7 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 0.5...1 | | | | 0.5...1 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1 / 0.5...0.75 | | | | 0.5...1.5 / 0.5...1.5 | | | |
| **Note** | | Note the max. current of the terminal (23 A) when using the WQV cross-connector! | | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | |

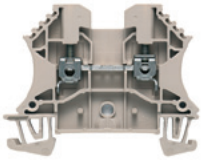
## Ordering data

| Version | WDU 1.5/ZZ Type | Qty. | Order No. | WDU 2.5/1.5/ZR Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 1.5/ZZ | 100 | 1031400000 | WDU 2.5/1.5/ZR | 100 | 1024700000 |
| Blue Wemid | WDU 1.5/ZZ BL | 100 | 1031480000 | WDU 2.5/1.5/ZR BL | 100 | 1024780000 |
| **Note** | | | | The rated voltage is 400 V when using ZQV cross-connection, additional connection (right 1.5 mm²). | | |

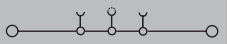
## Accessories

| Pluggable cross-connection | WDU 1.5/ZZ Type | current | Qty. | Order No. | WDU 2.5/1.5/ZR Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | WQV 2.5/2 | 32 A | 50 | 1053660000 | WQV 2.5/2 | 32 A | 50 | 1053660000 |
| 3-pole | WQV 2.5/3 | 32 A | 50 | 1053760000 | WQV 2.5/3 | 32 A | 50 | 1053760000 |
| 4-pole | WQV 2.5/4 | 32 A | 50 | 1053860000 | WQV 2.5/4 | 32 A | 50 | 1053860000 |
| 10-pole | WQV 2.5/10 | 32 A | 20 | 1054460000 | WQV 2.5/10 | 32 A | 20 | 1054460000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| Blue Wemid | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |
| Blue Wemid | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| Dark beige Wemid | | | | | | | | |
| **Testing / Checking** | | | | | | | | |
| Standard | WTA 2 WDU2.5-10 | 5 mm | 25 | 1632320000 | WTA 2 WDU2.5-10 | 5 mm | 25 | 1632320000 |
| With assembly peg | WTA 2/ZA WDU2.5-10 | 5 mm | 25 | 1632330000 | WTA 2/ZA WDU2.5-10 | 5 mm | 25 | 1632330000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 4 GE BED | 4.5 mm | 50 | 1072000000 | | | | |
| Blank, white | WAD 4 WS | 4.5 mm | 50 | 1072100000 | | | | |
| Blank, yellow | | | | | | | | |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 12/5 | | | | DEK 5/5 / WS 12/5 | | | |
| **Note** | Socket and test plug, see section "W-Series accessories". | | | | Use a 2.5 / 1 mm² conductor when using the WQB. | | | |

## WDU 2.5 — 2.5 mm²



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...0.8 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 mm² 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 |

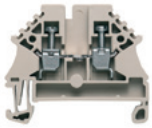
Rated voltage is 400 V when using cross-connection ZQV
Refer to the W-Series Accessories section for colour versions.

| 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 | | | |

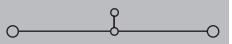
Ensure 2.5 mm² max. when using the WQB. Only 400 V when using the shielding rail LS 2,8 1056400000.

## WDU 2.5N — 2.5 mm²

**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 mm² 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 |

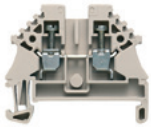
Colour variants listed under the W-Series accessories section, "Specific functions".

| 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 | | | |

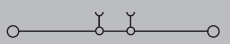
Socket and test plug, see section "W-Series accessories".

## WDU 2.5N/ZQV — 2.5 mm²

**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 | | |

| 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 mm² 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.

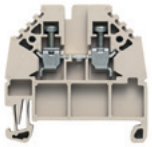
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | **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 | | | |

Identically contoured design of 2.5 to 10 mm² 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.

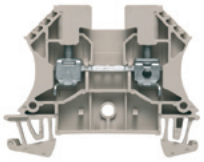
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## WDU 2.5N/600 UL — 2.5 mm²

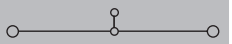
**600V UL/CSA**
**Compact design**

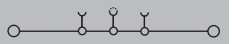


## WDU 4 — 4 mm²



| | | WDU 2.5N/600 UL | WDU 4 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 44 x 43.5 | 6.1 x 60 x 47 |
| max. current / max. cond. cross-section | A/mm² | **32 / 4** | **41 / 6** |
| Max. clamping range | mm² | **0.05...4** | **0.13...6** |





## Technical data

| Rated data | | WDU 2.5N/600 UL | | | WDU 4 | | | |
|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 800 | 600 (C) | 600 (C) | 690 |
| Rated current | A | 24 | 25 (C) | 20 (C) | 32 | 35 (C) | 35 (C) | 28 |
| Rated cross-section | mm² | 2.5 | AWG 22...12 | AWG 26...12 | 4 | AWG 22...10 | AWG 26...10 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A4 / V-0 | | | |
| Approvals | | | | | | | | KEMA 98ATEX1683 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Further connection** | | **Rated connection** | **Further connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...6 / 1.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...6 / 0.5...4 | | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.5...1 Nm (M 3) | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | 0.5...2.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | 0.5...1.5 / 0.5...1.5 | | | |
| **Note** | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | Rated voltage is 400 V when using the ZQV cross-connector. Note max. current of terminal (41 A) when using WQV! | | | |

## Ordering data

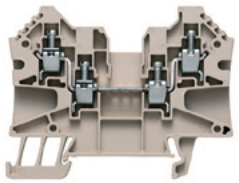
| Version | WDU 2.5N/600 UL Type | Qty. | Order No. | WDU 4 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 2.5N/600UL | 100 | **1730940000** | WDU 4 | 100 | **1020100000** |
| Blue Wemid | | | | WDU 4 BL | 100 | **1020180000** |
| **Note** | | | | 1000 V DC rated voltage tested. Refer to the W-Series Accessories section for colour versions. | | |

## Accessories

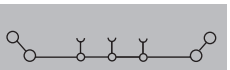
| Pluggable cross-connection | WDU 2.5N/600 UL Type | current | Qty. | Order No. | WDU 4 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | | | | | ZQV 4N/2 GE | 32 A | 60 | **1758250000** |
| 3-pole | | | | | ZQV 4N/3 GE | 32 A | 60 | **1762630000** |
| 4-pole | | | | | ZQV 4N/4 GE | 32 A | 60 | **1762620000** |
| 10-pole | | | | | ZQV 4N/10 GE | 32 A | 20 | **1758260000** |
| 20-/24-pole | | | | | ZQV 4N/20 GE | 32 A | 20 | **1909020000** |
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | WQV 2.5/2 | 32 A | 50 | **1053660000** | WQV 4/2 | 32 A | 50 | **1051960000** |
| 3-pole | WQV 2.5/3 | 32 A | 50 | **1053760000** | WQV 4/3 | 32 A | 50 | **1054560000** |
| 4-pole | WQV 2.5/4 | 32 A | 50 | **1053860000** | WQV 4/4 | 32 A | 50 | **1054660000** |
| 10-pole | WQV 2.5/10 | 32 A | 20 | **1054460000** | WQV 4/10 | 41 A | 20 | **1052060000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDU2.5N/4N | 1.5 mm | 50 | **1060000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Blue Wemid | WAP WDU2.5N/4N BL | 1.5 mm | 50 | **1060080000** | WAP 2.5-10 BL | 1.5 mm | 50 | **1050080000** |
| Dark beige Wemid | | | | | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| Blue Wemid | | | | | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | **1050180000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| Dark beige Wemid | | | | | | | | |
| **Testing / Checking** | | | | | | | | |
| Standard | WTA 1 WDU1.5 | 5 mm | 25 | **1632290000** | WTA 3 WDU4 | 6 mm | 25 | **1632350000** |
| With assembly peg | WTA 1/ZA WDU1.5 | 5 mm | 25 | **1632300000** | WTA 3/ZA WDU4 | 6 mm | 25 | **1632360000** |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 4 GE BED | 4.5 mm | 50 | **1072000000** | | | | |
| Blank, white | WAD 4 WS | 4.5 mm | 50 | **1072100000** | WAD 5 MC NE WS | 5 mm | 48 | **1112910000** |
| Blank, yellow | | | | | WAD 5 MC NE GE | 5 mm | 48 | **1112920000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 12/5 | | | | WS 12/6 | | | |
| **Note** | Socket and test plug, see section "W-Series accessories". | | | | 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 mm²

**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 |

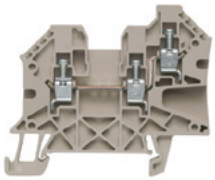
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 4N/2 GE | 32 A | 60 | 1758250000 |
| ZQV 4N/3 GE | 32 A | 60 | 1762630000 |
| ZQV 4N/4 GE | 32 A | 60 | 1762620000 |
| ZQV 4N/10 GE | 32 A | 20 | 1758260000 |
| ZQV 4N/20 GE | 32 A | 20 | 1909020000 |

| | Width | | |
|---|---|---|---|
| WAP WDU/WTR4/ZR | 1.5 mm | 50 | 1905070000 |
| WEW 35/2 | 8 mm | 100 | 1061200000 |

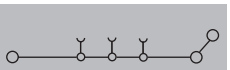
DEK 5/6 / WS 12/6

## WDU 4/ZR — 4 mm²

**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 |

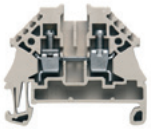
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 4N/2 GE | 32 A | 60 | 1758250000 |
| ZQV 4N/3 GE | 32 A | 60 | 1762630000 |
| ZQV 4N/4 GE | 32 A | 60 | 1762620000 |
| ZQV 4N/10 GE | 32 A | 20 | 1758260000 |
| ZQV 4N/20 GE | 32 A | 20 | 1909020000 |

| | Width | | |
|---|---|---|---|
| WAP WDU/WTR4/ZR | 1.5 mm | 50 | 1905070000 |
| WEW 35/2 | 8 mm | 100 | 1061200000 |

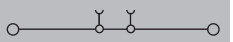
DEK 5/6 / WS 12/6

## WDU 4N — 4 mm²

**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 | | | |
| | | | KEMA 98ATEX1683 U |

| 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 |

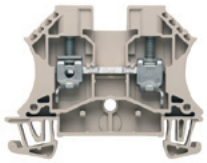
| | Width | | |
|---|---|---|---|
| WAP WDU2.5N/4N | 1.5 mm | 50 | 1060000000 |
| WAP WDU2.5N/4N BL | 1.5 mm | 50 | 1060080000 |
| WTA 1 WDU1.5 | 5 mm | 25 | 1632290000 |
| WTA 1/ZA WDU1.5 | 5 mm | 25 | 1632300000 |
| WAD 4 GE BED | 4.5 mm | 50 | 1072000000 |
| WAD 4 WS | 4.5 mm | 50 | 1072100000 |

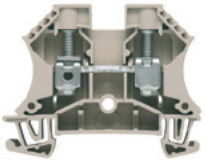
DEK 5/6 / WS 12/6

Identically contoured design of 2.5 to 10 mm² 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.

| | | WDU 6 | WDU 10 |
|---|---|---|---|
| | | 6 mm² | 10 mm² |
| Width/Length/Height of lowest version | mm | 7.9 x 60 x 47 | 9.9 x 60 x 47 |
| max. current / max. cond. cross-section | A/mm² | 57 / 10 | 76 / 16 |
| Max. clamping range | mm² | 0.22...10 | 1.31...16 |





## Technical data

| Rated data | | WDU 6 | WDU 10 |
|---|---|---|---|
| Rated voltage | V | IEC 60947-7-1 | IEC 60947-7-1 |
| Rated current | A | Ex e II II 2 G D | Ex e II II 2 G D |
| Rated cross-section | mm² | | |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | B6 / V-0 |
| Approvals | | KEMA 98ATEX1683 U | KEMA 98ATEX1683 U |

| 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 |

| 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 |

| Clamped conductors (H05V/H07V) | | Rated connection | Further connection | Rated connection | Further connection |
|---|---|---|---|---|---|
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | | 1.5...16 16 | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | 1.5...16 / 1.5...16 | |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) | | 1.2...2.4 Nm (M 4) | |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | | 12 / 1.0 x 5.5 mm | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | |
| Solid / stranded | mm² | 0.5...2.5 | | 1.5...6 / 0.5...6 | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | 0.5...6 / 0.5...6 | |
| **Note** | | Note max. current of terminal (57 A) when using WQV! Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm. | | Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 tighten with 2.4 Nm. | |

## Ordering data

| Version | WDU 6 Type | Qty. | Order No. | WDU 10 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 6 | 100 | 1020200000 | WDU 10 | 50 | 1020300000 |
| Blue Wemid | WDU 6 BL | 100 | 1020280000 | WDU 10 BL | 50 | 1020380000 |
| **Note** | 1000 V DC rated voltage tested. Refer to the W-Series Accessories section for colour versions. | | | For colour variants, refer to the W-Series accessories section, "Specific functions". | | |

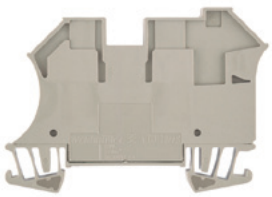
## Accessories

| Screwable cross-connection | WDU 6 Type | current | Qty. | Order No. | WDU 10 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 6/2 | 57 A | 50 | 1052360000 | WQV 10/2 | 57 A | 50 | 1052560000 |
| 3-pole | WQV 6/3 | 57 A | 50 | 1054760000 | WQV 10/3 | 57 A | 50 | 1054960000 |
| 4-pole | WQV 6/4 | 57 A | 50 | 1054860000 | WQV 10/4 | 57 A | 50 | 1055060000 |
| 10-pole | WQV 6/10 | 57 A | 20 | 1052260000 | WQV 10/10 | 57 A | 20 | 1052460000 |
| **End plate / Partition plate** | | Width | | | | Width | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| Blue Wemid | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |
| Blue Wemid | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Testing / Checking** | | | | | | | | |
| Standard | WTA 5/1 | 5 mm | 25 | 1051260000 | WTA 5/1 | 5 mm | 25 | 1051260000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | | | | | | | | |
| Blank, white | WAD 8 MC NE WS | 8 mm | 48 | 1112940000 | WAD 8 MC NE WS | 8 mm | 48 | 1112940000 |
| Blank, yellow | WAD 8 MC NE GE | 8 mm | 48 | 1112950000 | WAD 8 MC NE GE | 8 mm | 48 | 1112950000 |

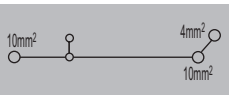
| Identification systems | (see assortment in catalogue 7) | WDU 6 | WDU 10 |
|---|---|---|---|
| | Marking tags | DEK 5/8 / WS 12/6,5 | DEK 5/5 / WS 12/6,5 |
| **Note** | | Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2,8 1056400000. | Socket 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 mm²

**Supplementary connection, right (4 mm²)**



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 mm² connection.

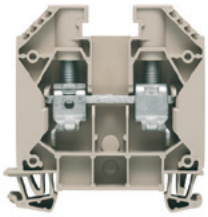
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 10/2 | 57 A | 50 | 1052560000 |
| WQV 10/3 | 57 A | 50 | 1054960000 |
| WQV 10/4 | 57 A | 50 | 1055060000 |
| WQV 10/10 | 57 A | 20 | 1052460000 |
| | Width | | |
| | | | |
| | | | |
| WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |
| WAP 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 |
| | | | |
| | | | |
| | | | |
| | | | |

DEK 5/5 / WS 12/6,5

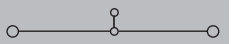
Socket and test plug, see section "W-Series accessories".

## WDU 16 — 16 mm²

**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.)

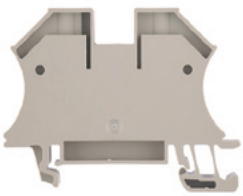
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 16/2 | 76 A | 50 | 1053260000 |
| WQV 16/3 | 76 A | 50 | 1055160000 |
| WQV 16/4 | 76 A | 50 | 1055260000 |
| WQV 16/10 | 76 A | 10 | 1053360000 |
| | Width | | |
| | | | |
| | | | |
| WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |
| WAP 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

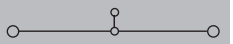
Socket and test plug, see section "W-Series accessories".

## WDU 16N — 16 mm²

**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

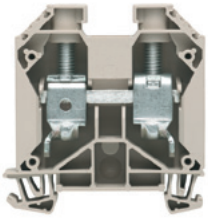
Socket and test plug, see section "W-Series accessories".

Identically contoured design of 2.5 to 10 mm² 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.

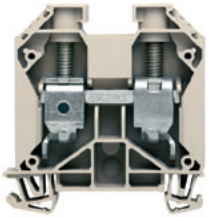
## WDU 35 — 35 mm²

**Clamping screw / spigot for good connection stability**



## WDU 35 IK — 35 mm²

**Hexagonal socket / spigot for good connection stability**



| | | WDU 35 | WDU 35 IK |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 16 x 60 x 63 | 16 x 60 x 63 |
| max. current / max. cond. cross-section | A/mm² | **150 / 50** | **150 / 50** |
| Max. clamping range | mm² | **2.5...50** | **2.5...50** |

## Technical data

| Rated data | | WDU 35 | | | | WDU 35 IK | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 1000 | 1000 (C) | 1000 (C) | 690 | 1000 | 600 (C) | 600 (C) | 690 |
| Rated current | A | 125 | 150 (C) | 150 (C) | 109 | 125 | 150 (C) | 120 (C) | 109 |
| Rated cross-section | mm² | 35 | AWG 12...0 | AWG 12...2 | 35 | 35 | AWG 12...12 | AWG 12...2 | 35 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B8 / V-0 | | | | B8 / V-0 | | | |
| Approvals | | KEMA 98ATEX1683 U | | | | KEMA 98ATEX1683 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Further connection** | | | **Rated connection** | **Further connection** | | |
| Solid / stranded | mm² | 2.5...16 / 2.5...50 | | | | 2.5...16 / 2.5...50 | | | |
| Flexible / Flexible with ferrule | mm² | 2.5...35 / 2.5...35 | | | | 2.5...35 / 2.5...35 | | | |
| Tightening torque range (terminal screw) | | 4...5 Nm (M 6) | | | | 4...6 Nm (M 6) | | | |
| Stripping length / Blade size | mm/- | 18 / 6.5 x 1.2 mm | | | | 18 / S6 (DIN 6911) | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 2.5...10 / 16...16 | | | | 2.5...10 / 16...16 | | | |
| Flexible / Flexible with ferrule | mm² | 2.5...16 / 2.5...16 | | | | 2.5...16 / 2.5...16 | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | WDU 35 Type | Qty. | Order No. | WDU 35 IK Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 35/ZA | 40 | **1028800000** | WDU 35/IK/ZA | 25 | **1029000000** |
| Blue Wemid | WDU 35/ZA BL | 40 | **1028880000** | | | |
| **Note** | Order no. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.) | | | Order no. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.) | | |

## Accessories

| Screwable cross-connection | WDU 35 Type | current | Qty. | Order No. | WDU 35 IK Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 35/2 | 135 A | 50 | **1053060000** | WQV 35/2 | 135 A | 50 | **1053060000** |
| 3-pole | WQV 35/3 | 112 A | 50 | **1055360000** | WQV 35/3 | 112 A | 50 | **1055360000** |
| 4-pole | WQV 35/4 | 112 A | 50 | **1055460000** | WQV 35/4 | 112 A | 50 | **1055460000** |
| 10-pole | WQV 35/10 | 112 A | 10 | **1053160000** | WQV 35/10 | 112 A | 10 | **1053160000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | | | | | | | | |
| Blue Wemid | | | | | | | | |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| Blue Wemid | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | **1050180000** | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | **1050180000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Testing / Checking** | | | | | | | | |
| Standard | | | | | | | | |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 12 M. BL. | 12 mm | 50 | **1055960000** | WAD 12 M. BL. | 12 mm | 50 | **1055960000** |
| Blank, white | WAD 12 NEUTRAL | 12 mm | 50 | **1056260000** | WAD 12 NEUTRAL | 12 mm | 50 | **1056260000** |
| Blank, yellow | | | | | | | | |

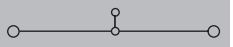
| Identification systems | WDU 35 | WDU 35 IK |
|---|---|---|
| (see assortment in catalogue 7) | | |
| Marking tags | DEK 5/5 / WS 12/6,5 | DEK 5/5 / WS 12/6,5 |
| **Note** | Socket and test plug, see section "W-Series accessories". | Socket and test plug, see section "W-Series accessories". |

## WDU 35N

**35 mm²**

**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 | **1040400000** |
| WDU 35N BL | 20 | **1040480000** |

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 | **1079200000** |
| WQV 35N/3 | 101 A | 20 | **1079300000** |
| WQV 35N/4 | 101 A | 20 | **1079400000** |
| | | | |
| | **Width** | | |
| | | | |
| | | | |
| WTW EN | 3 mm | 20 | **1058800000** |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | **1061200000** |
| | | | |
| | | | |
| | | | |
| WAD 16N GE BED | 15.8 mm | 50 | **1083600000** |
| | | | |
| | | | |

DEK 5/5 / WS 12/6,5

Identically contoured design of 2.5 to 10 mm² 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/mm² |
| Max. clamping range | mm² |

## WDU 50N — 50 mm²

**Compact design**

| | |
|---|---|
| 18.5 x 70 x 70.6 | |
| **192 / 70** | |
| **10...70** | |

## WDU 50N IR — 50 mm²

**Six-lobe socket**

NEW

| | |
|---|---|
| 18.5 x 70 x 70.6 | |
| **192 / 70** | |
| **10...70** | |

## Technical data

| Rated data | | WDU 50N | | | | WDU 50N IR | | |
|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | Ex e II II 2 G D | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA |
| Rated voltage | V | 1000 | 600 (C) | 600 (C) | 690 | 1000 | | |
| Rated current | A | 150 | 150 (C) | 150 (C) | 126 | 150 | | |
| Rated cross-section | mm² | 50 | AWG 10...0 | AWG 8...0 | 50 | 50 | | |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B10 / V-0 | | | | B10 / V-0 | | |
| Approvals | | | | KEMA 98ATEX1685 U | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | **Further connection** | | **Rated connection** | | **Further connection** |
| Solid / stranded | mm² | 10...16 / 10...70 | | | | 10...16 / 10...70 | | |
| Flexible / Flexible with ferrule | mm² | 10...50 / 10...50 | | | | 10...50 / 10...50 | | |
| Tightening torque range (terminal screw) | | 3.5...6 Nm (M 6) | | | | 3...6 Nm (M 6) | | |
| Stripping length / Blade size | mm/- | 24 / S4 (DIN 6911) | | | | 24 / | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | |
| Solid / stranded | mm² | ...16 / 6...16 | | | | ...16 / 6...16 | | |
| Flexible / Flexible with ferrule | mm² | 6...16 / 6...16 | | | | 6...16 / 6...16 | | |
| **Note** | | Copper straps can be used; see online catalogue for possible connections. | | | | | | |

## Ordering data

| Version | WDU 50N | | | WDU 50N IR | | |
|---|---|---|---|---|---|---|
| | **Type** | **Qty.** | **Order No.** | **Type** | **Qty.** | **Order No.** |
| Dark beige Wemid | WDU 50N | 10 | **1820840000** | WDU 50N IR | 10 | **1186630000** |
| Blue Wemid | WDU 50N BL | 10 | **1820850000** | | | |
| **Note** | 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. | | | 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. | | |

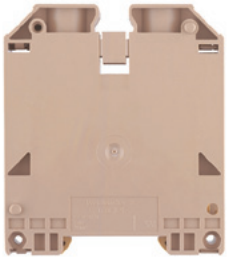
## Accessories

| Screwable cross-connection | WDU 50N | | | | WDU 50N IR | | | |
|---|---|---|---|---|---|---|---|---|
| | **Type** | **current** | **Qty.** | **Order No.** | **Type** | **current** | **Qty.** | **Order No.** |
| 2-pole | WQV 50N/2 | 150 A | 5 | **1834060000** | WQV 50N/2 | 150 A | 5 | **1834060000** |
| 3-pole | WQV 50N/3 | 150 A | 5 | **1834070000** | WQV 50N/3 | 150 A | 5 | **1834070000** |
| 4-pole | WQV 50N/4 | 150 A | 5 | **1834080000** | WQV 50N/4 | 150 A | 5 | **1834080000** |
| **End bracket** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 20 GE WSD | 18 mm | 10 | **9512260000** | WAD 20 GE WSD | 18 mm | 10 | **9512260000** |
| **Additional connection** | | | | | | | | |
| 10 mm² | WZAD 50N | 12.5 mm | 5 | **1872720000** | WZAD 50N | 12.5 mm | 5 | **1872720000** |

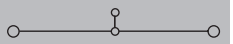
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 12/6,5 | DEK 5/5 / WS 12/6,5 |
| **Note** | | Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm², 41 A). | |

## WDU 70N — 70 mm²

**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 |

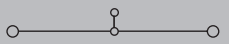
DEK 5/5 / WS 12/6,5

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm², 41 A).

## WDU 95N/120N — 120 mm²

**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 strips 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.

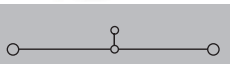
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 95/120/2 | 269 A | 5 | 1826890000 |
| WQV 95/120/3 | 269 A | 5 | 1826900000 |
| WQV 95/120/4 | 269 A | 5 | 1826910000 |
| | Width | | |
| WEW 35/1 | 12 mm | 50 | 1059000000 |
| | | | |
| WAD 20 GE WSD | 18 mm | 10 | 9512260000 |
| | | | |
| | | | |
| | | | |
| 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 mm², 41 A).

## WDU 240 — 240 mm²

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. 180281000 (up to 10 mm², 57 A) ELPF insertion profile, for ribbon cable, Order no. 1824680000.

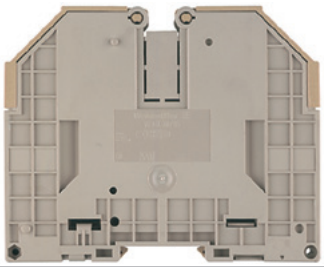
Wires with large cross-sections do not need forceful pushing in. Instead they can be simply inserted into the terminal block.
Direct mounting is possible using the elongated slots in the bottom of the terminal.

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/mm² |
| Max. clamping range | mm² |

## WDU 70/95 — 95 mm²

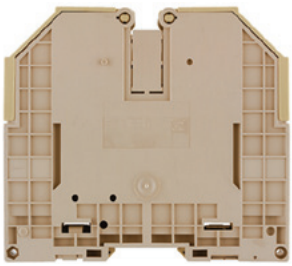
**Conductor can be inserted from above / leaf spring**



| | |
|---|---|
| 27 x 132 x 115.5 | |
| **232 / 120** | |
| **13.3...120** | |

## WDU 120/150 — 150 mm²

**Conductor can be inserted from above / leaf spring**



| | |
|---|---|
| 32 x 132 x 125.5 | |
| **309 / 150** | |
| **33.63...150** | |

## Technical data

| Rated data | | WDU 70/95 | | | | WDU 120/150 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | Ex e II II 2 G D | IEC 60947-7-1 | | | Ex e II II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 1000 | 1000 (C) | 600 (C) | 690 | 1000 | 1000 (C) | 600 (C) | 1100 |
| Rated current | A | 232 | 175 (C) | 205 (C) | 202 | 309 | 225 (C) | 285 (C) | 234 |
| Rated cross-section | mm² | 95 | AWG 6...00 | AWG 6...00 | 95 | 150 | AWG 2...250 | AWG 2...250 | 150 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B12 / V-0 | | | | B13 / V-0 | | | |
| Approvals | | KEMA 98ATEX1686 U | | | | KEMA 98ATEX1686 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Further connection** | | | **Rated connection** | **Further connection** | | |
| Solid / stranded | mm² | 16...16 / 16...120 | | | | / 35...150 | | | |
| Flexible / Flexible with ferrule | mm² | 16...95 / 16...95 | | | | 35...150 / 35...150 | | | |
| Tightening torque range (terminal screw) | | 6...12 Nm (M 8) | | | | 10...20 Nm M 10 | | | |
| Stripping length / Blade size | mm/- | 30 / S6 (DIN 6911) | | | | 35 / S6 (DIN 6911) | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 16...16 / 16...35 | | | | ...16 / 35...70 | | | |
| Flexible / Flexible with ferrule | mm² | 16...35 / 16...35 | | | | 35...70 / 35...70 | | | |
| **Note** | | | | | | | | | |

## Ordering data

| Version | WDU 70/95 Type | Qty. | Order No. | WDU 120/150 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 70/95 | 10 | **1024600000** | WDU 120/150 | 10 | **1024500000** |
| Blue Wemid | WDU 70/95 BL | 10 | **1024680000** | WDU 120/150 BL | 10 | **1024580000** |
| **Note** | Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting. | | | Refer to the online catalogue for information on the ribbon cable. Refer to the W-Series accessories section for information on direct mounting. | | |

## Accessories

| Screwable cross-connection | WDU 70/95 Type | current | Qty. | Order No. | WDU 120/150 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 70/95/2 | 192 A | 5 | **1063500000** | WQV 120/2 | 269 A | 5 | **1063300000** |
| 3-pole | WQV 70/95/3 | 232 A | 5 | **1063600000** | WQV 120/3 | 269 A | 5 | **1063400000** |
| **End bracket** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 27 M. BL. | 27 mm | 10 | **1062860000** | WAD 27 M. BL. | 27 mm | 10 | **1062860000** |
| Blank, white | WAD 27 NEUTRAL | 27 mm | 10 | **1062960000** | WAD 27 NEUTRAL | 27 mm | 10 | **1062960000** |
| **Additional connection** | | | | | | | | |
| 4 mm² | WZAD 70/95 | 19.7 mm | 10 | **1066000000** | WZA D120 | 24 mm | 10 | **1066100000** |

| | | | |
|---|---|---|---|
| **Identification systems** (see assortment in catalogue 7) | | | |
| Marking tags | DEK 5/5 / WS 12/6,5 | DEK 5/5 / WS 12/6,5 | |
| **Note** | Auxiliary connection for the additional conductor "WZAD 70", Order no. 1066000000 (up to 4 mm², 32 A). | Auxiliary connection for the additional conductor "WZAD 120", Order no. 1066100000 (up to 4 mm², 32 A). | |

## Double-level terminals

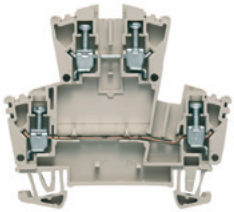
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

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

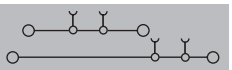
| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

### WDK 2.5 ZQV — 2.5 mm²

**Plug-in cross-connection**

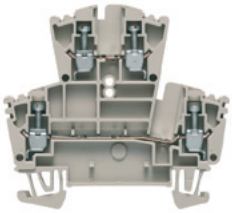


5.1 x 65.4 x 63.5
**32 / 4**
**0.05...4**

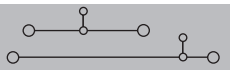


### WDK 2.5 — 2.5 mm²

**Screwable cross-connection**



5.1 x 69 x 63.5
**32 / 4**
**0.05...4**



## Technical data

| | | WDK 2.5 ZQV | | | | WDK 2.5 | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rated data** | | | | | | | | | |
| Rated voltage | V | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| Rated current | A | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 400 | 300 (C) | 300 (C) | 275 | 400 | 300 (C) | 300 (C) | 275 |
| Rated impulse withstand voltage / Pollution severity | | 24 | 20 (C) | 25 (C) | 21 | 24 | 20 (C) | 10 (C) | 21 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| | | 6 kV / 3 | | | | 6 kV / 3 | | | |
| | | A3 / V-0 | | | | A3 / V-0 | | | |
| Approvals | | | | | | | | | KEMA 98ATEX1687 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | | 0.5...4 / 1.5...4 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | | 0.5...4 / 0.5...2.5 | | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | | 0.4...0.6 Nm (M 2.5) | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | 0.5...1.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | 0.5...1.5 / 0.5...1.5 | | | |
| **Note** | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) | | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) | | | |

## Ordering data

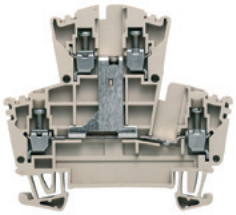
| Version | WDK 2.5 ZQV Type | Qty. | Order No. | WDK 2.5 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 2.5 ZQV | 100 | 1041100000 | WDK 2.5 | 100 | 1021500000 |
| Blue Wemid | WDK 2.5 ZQV BL | 100 | 1041180000 | WDK 2.5 BL | 100 | 1021580000 |
| **Note** | Rated voltage is 400 V when using cross-connection ZQV<br>Refer to the W-Series Accessories section for colour versions. | | | For colour variants, refer to the W-Series accessories section, "Specific functions" | | |

## Accessories

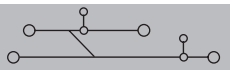
| | WDK 2.5 ZQV Type | current | Qty. | Order No. | WDK 2.5 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | | | | |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | | | | |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | | | | |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | | | | |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | | | | |
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | | | | | WQV 2.5/2 | 32 A | 50 | 1053660000 |
| 3-pole | | | | | WQV 2.5/3 | 32 A | 50 | 1053760000 |
| 4-pole | | | | | WQV 2.5/4 | 32 A | 50 | 1053860000 |
| 10-pole | | | | | WQV 2.5/10 | 32 A | 20 | 1054460000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5 | 1.5 mm | 20 | 1059100000 | WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| Blue Wemid | WAP WDK2.5 BL | 1.5 mm | 20 | 1059180000 | WAP WDK2.5 BL | 1.5 mm | 20 | 1059180000 |
| Dark beige Wemid | WTW EN | 3 mm | 20 | 1058800000 | WTW EN | 3 mm | 20 | 1058800000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Screwdriver** | | | | | | | | |
| Standard | | | | | | | | |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 4 GE BED | 4.5 mm | 50 | 1072000000 | WAD 4 GE BED | 4.5 mm | 50 | 1072000000 |
| Blank, white | WAD 4 WS | 4.5 mm | 50 | 1072100000 | WAD 4 WS | 4.5 mm | 50 | 1072100000 |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 8/5 | | | | DEK 5/5 / WS 8/5 | | | |
| **Note** | Test plug and socket, see section "W-Series accessories"<br>Ensure 2.5 mm² max. when using the WQB. | | | | Test plug and socket, see section "W-Series accessories"<br>Ensure 2.5 mm² max. when using the WQB. | | | |

## WDK 2.5 V — 2.5 mm²

**Both levels at one potential**



5.1 x 69.5 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 | 600 (C) | 300 (C) | 275 |
| 24 | 20 (C) | 10 (C) | 21 |
| 2.5 | AWG 22...12 | AWG 26...12 | 2.5 |
| 6 kV / 3 | | | |
| A3 / V-0 | | | |

KEMA 98ATEX1687 U

| 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 mm² 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 2.5V | 100 | 1022300000 |
| WDK 2.5V BL | 100 | 1022380000 |

For colour variants, refer to the section on W-Series accessories, "Specific functions"

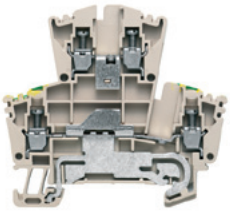
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 2.5/2 | 32 A | 50 | 1053660000 |
| WQV 2.5/3 | 32 A | 50 | 1053760000 |
| WQV 2.5/4 | 32 A | 50 | 1053860000 |
| WQV 2.5/10 | 32 A | 20 | 1054460000 |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 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

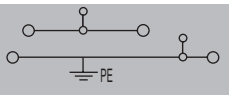
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

## WDK 2.5 DU-PE — 2.5 mm²

**Lower level earthed on terminal rail**



5.1 x 69.5 x 63.5
**32 / 4**
**0.05...4**




IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 400 | 300 (C) | 300 (D) | 275 |
| 24 | 20 (C) | 20 (D) | 21 |
| 2.5 | AWG 22...12 | AWG 22...12 | 2.5 |
| 6 kV / 3 | | | |
| A3 / V-0 | | | |

KEMA 98ATEX1687 U

| 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 mm² 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 2.5DU-PE | 100 | 1036400000 |

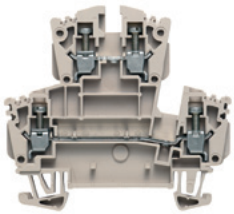
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 2.5/2 | 32 A | 50 | 1053660000 |
| WQV 2.5/3 | 32 A | 50 | 1053760000 |
| WQV 2.5/4 | 32 A | 50 | 1053860000 |
| WQV 2.5/10 | 32 A | 20 | 1054460000 |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 1059180000 |
| WTW EN | 3 mm | 20 | 1058800000 |
| | | | |
| WEW 35/1 | 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

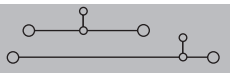
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

## WDK 2.5 / 800 V — 2.5 mm²

**Rated voltage 800 V**



6.1 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 |
|---|---|---|---|
| 800 | | | 440 |
| 24 | | | 24 |
| 2.5 | | AWG 26...12 | 2.5 |
| 8 kV / 3 | | | |
| A3 / V-0 | | | |

KEMA 98ATEX1685 U

| 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 |

| Type | Qty. | Order No. |
|---|---|---|
| WDK 2.5/EX | 100 | 1029100000 |

| 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 |

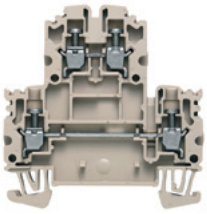
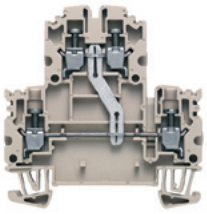
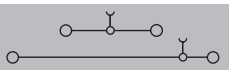
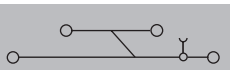
DEK 5/6 / WS 8/5

Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

## Double-level terminals

Identically contoured design of 2.5 to 10 mm² 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.

| | | WDK 2.5N | WDK 2.5N V |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | Plug-in cross-connection<br>Compact design | Both levels at one potential<br>Compact design |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 60.7 x 62.45 | 5.1 x 60.7 x 62.45 |
| max. current / max. cond. cross-section | A/mm² | 28 / 4 | 28 / 4 |
| Max. clamping range | mm² | 0.05...4 | 0.05...4 |
| | |  |  |

### Technical data

| Rated data | | WDK 2.5N | | | | WDK 2.5N V | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated voltage | V | 800 | 600 (C) | 300 (C) | 550 | 800 | 600 (C) | 300 (C) | 550 |
| Rated current | A | 24 | 20 (C) | 20 (C) | 21 | 24 | 20 (C) | 20 (C) | 21 |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A3 / V-0 | | | |
| Approvals | | KEMA 00ATEX2061 U | | | | KEMA 00ATEX2061 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | | 0.5...4 / 1.5...4 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | | 0.5...4 / 0.5...2.5 | | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | | 0.4...0.6 Nm (M 2.5) | | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | | | 8 / 0.6 x 3.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | 0.5...1.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | 0.5...1.5 / 0.5...1.5 | | | |
| **Note** | | The rated voltage is reduced to 400 V when using the cross-connection ZQV 2.5N. | | | | The rated voltage is reduced to 400 V when using the cross-connection ZQV. | | | |

### Ordering data

| Version | WDK 2.5N Type | Qty. | Order No. | WDK 2.5N V Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 2.5N | 100 | 1041600000 | WDK 2.5N V | 100 | 1041610000 |
| Blue Wemid | WDK 2.5N BL | 100 | 1041680000 | | | |
| **Note** | | | | | | |

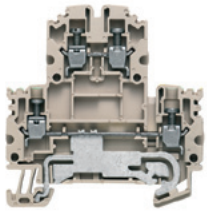
### Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | | | | | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5/4 N | 1.5 mm | 20 | 1084000000 | WAP WDK2.5/4 N | 1.5 mm | 20 | 1084000000 |
| Blue Wemid | WAP WDK2.5/4 N BL | 1.5 mm | 20 | 1084080000 | WAP WDK2.5/4 N BL | 1.5 mm | 20 | 1084080000 |
| Dark beige Wemid | WTW EN | 3 mm | 20 | 1058800000 | WTW EN | 3 mm | 20 | 1058800000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Screwdriver** | | | | | | | | |
| Standard | | | | | | | | |
| **Cover** | | | | | | | | |
| With lightning flash symbol | | | | | | | | |
| Blank, white | | | | | | | | |

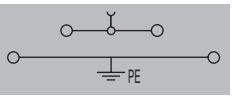
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | |

## WDK 2.5N DU-PE — 2.5 mm²

**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!

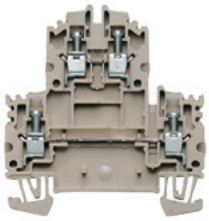
| Type | Qty. | Order No. |
|---|---|---|
| WDK 2.5N DU-PE | 100 | 1041650000 |

| 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 |

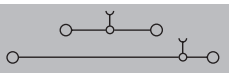
DEK 5/5 / WS 8/5

## WDK 4N — 4 mm²

**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 |

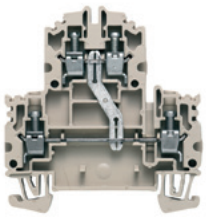
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 4N/2 GE | 32 A | 60 | 1758250000 |
| ZQV 4N/3 GE | 32 A | 60 | 1762630000 |
| ZQV 4N/4 GE | 32 A | 60 | 1762620000 |
| ZQV 4N/10 GE | 32 A | 20 | 1758260000 |
| ZQV 4N/20 GE | 32 A | 20 | 1909020000 |
| **Width** | | | |
| WAP WDK2.5/4 N | 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

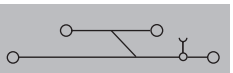
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

## WDK 4N V — 4 mm²

**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

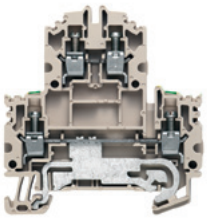
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

Identically contoured design of 2.5 to 10 mm² 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.

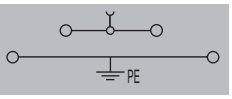
## WDK 4N DU-PE — 4 mm²

**Lower level earthed on terminal rail**
**Compact design**



| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

| |
|---|
| 6.1 x 60.7 x 64.15 |
| **35 / 6** |
| **0.13...6** |




## Technical data

IEC 60947-7-1 (-7-2) — Ex e II — II 2 G D

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated voltage | V | 800 | 600 (C) | 300 (C) | 550 |
| Rated current | A | 32 | 35 (C) | 30 (C) | 28 |
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | |
| Approvals | | | | | KEMA 00ATEX2061 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 / 1.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | |

**Note**

Rated voltage is 400 V when using the ZQV cross-connector.
It is prohibited to connect two conductors via the PE connection!

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WDK 4N DU-PE | 100 | **1041950000** |
| Blue Wemid | | | |

**Note**

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 4N/2 GE | 32 A | 60 | **1758250000** |
| 3-pole | ZQV 4N/3 GE | 32 A | 60 | **1762630000** |
| 4-pole | ZQV 4N/4 GE | 32 A | 60 | **1762620000** |
| 10-pole | ZQV 4N/10 GE | 32 A | 20 | **1758260000** |
| 20-/24-pole | ZQV 4N/20 GE | 32 A | 20 | **1909020000** |
| **Screwable cross-connection** | | | | |
| 2-pole | | | | |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5/4 N | 1.5 mm | 20 | **1084000000** |
| Blue Wemid | WAP WDK2.5/4 N BL | 1.5 mm | 20 | **1084080000** |
| Dark beige Wemid | WTW EN | 3 mm | 20 | **1058800000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Screwdriver** | | | | |
| Standard | | | | |
| **Cover** | | | | |
| With lightning flash symbol | | | | |
| Blank, white | | | | |

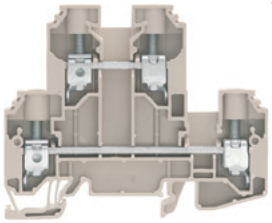
| Identification systems (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/6 / WS 8/6 |

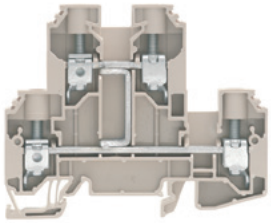
**Note**

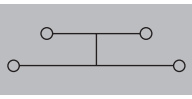
Test plug and socket, see section "W-Series accessories"
Ensure 2.5 mm² max. when using the WQB.

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

| | | WDK 10 | WDK 10 V |
|---|---|---|---|
| | | 10 mm² | 10 mm² |
| | | NEW | NEW |
| Width/Length/Height of lowest version | mm | 9.9 x 85 x 69.5 | 9.9 x 85 x 69.5 |
| max. current / max. cond. cross-section | A/mm² | 76 / 16 | 76 / 16 |
| Max. clamping range | mm² | 1.5...16 | 1.5...16 |







## Technical data

| Rated data | | WDK 10 | | | WDK 10 V | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 800 | 600 (C) | 600 (C) |
| Rated current | A | 57 | 64 (C) | 64 (C) | 57 | 49 (C) | 49 (C) |
| Rated cross-section | mm² | 10 | AWG 18...6 | AWG 18...6 | 10 | AWG 18...6 | AWG 18...6 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B6 / V-0 | | | B6 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 1.5...16 / 1.5...16 | | | 1.5...16 / 1.5...16 | | |
| Flexible / Flexible with ferrule | mm² | 1.5...16 / 1.5...16 | | | 1.5...16 / 1.5...16 | | |
| Tightening torque range (terminal screw) | | 1.5...2.4 Nm (M 4) | | | 1.5...2.4 Nm (M 4) | | |
| Stripping length / Blade size | mm/- | 12 / 1.0 x 5.5 mm | | | 12 / 1.0 x 5.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | | | | | | |
| Flexible / Flexible with ferrule | mm² | | | | | | |
| **Note** | | | | | | | |

## Ordering data

| Version | WDK 10 Type | Qty. | Order No. | WDK 10 V Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 10 | 50 | 1186740000 | WDK 10 V | 50 | 1186770000 |
| Blue Wemid | WDK 10 BL | 50 | 1186750000 | WDK 10 V BL | 50 | 1186780000 |
| **Note** | | | | | | |

## Accessories

| Pluggable cross-connection | WDK 10 Type | current | Qty. | Order No. | WDK 10 V Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | | | | | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| 20-/24-pole | | | | | | | | |
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | WQV 10/2 | 57 A | 50 | 1052560000 | WQV 10/2 | 57 A | 50 | 1052560000 |
| 3-pole | WQV 10/3 | 57 A | 50 | 1054960000 | WQV 10/3 | 57 A | 50 | 1054960000 |
| 4-pole | WQV 10/4 | 57 A | 50 | 1055060000 | WQV 10/4 | 57 A | 50 | 1055060000 |
| 10-pole | WQV 10/10 | 57 A | 20 | 1052460000 | WQV 10/10 | 57 A | 20 | 1052460000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK10 | 1.5 mm | 20 | 1186720000 | WAP WDK10 | 1.5 mm | 20 | 1186720000 |
| Blue Wemid | WAP WDK10 BL | 1.5 mm | 20 | 1186730000 | WAP WDK10 BL | 1.5 mm | 20 | 1186730000 |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 1.0X5.5X150 | | 1 | 9008350000 | SDS 1.0X5.5X150 | | 1 | 9008350000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | | | | | | | | |
| Blank, white | | | | | | | | |

| Identification systems (see assortment in catalogue 7) | WDK 10 | WDK 10 V |
|---|---|---|
| Marking tags | DEK 5/5 | DEK 5/5 |
| **Note** | | |

Identically contoured design of 2.5 to 10 mm² 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.

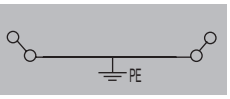
## WPE 1.5/ZZ — 1.5 mm²

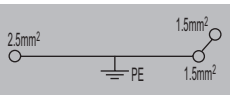
**Twin connection**

## WPE 2.5/1.5/ZR — 2.5 mm²

**Supplementary connection, right (1.5 mm²)**

| | | WPE 1.5/ZZ | WPE 2.5/1.5/ZR |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 60 x 47 | 5.1 x 60 x 47 |
| max. cond. cross-section | mm² | **2.5** | **4** |
| Max. clamping range | mm² | **0.13...2.5** | **0.05...4** |




## Technical data

| Rated data | | WPE 1.5/ZZ | WPE 2.5/1.5/ZR |
|---|---|---|---|
| | | IEC 60947-7-2 — Ex e II — II 2 G D | IEC 60947-7-2 — Ex e II — II 2 G D |
| | | IEC / UL / CSA / EN 60079-7 | IEC / UL / CSA / EN 60079-7 |
| Rated cross-section | mm² | 1.5 / AWG 22...14 / AWG 26...14 / 1.5 | 2.5 / AWG 22...12 / AWG 26...12 / 2.5 |
| Rated voltage to adjoining terminal | V | 800 | 800 |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | 8 |
| Rated short-time current | | 180 A (1.5 mm²) | 300 A (2.5 mm²) |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A1 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection / Further connection | Rated connection / Further connection |
| Solid / stranded | mm² | 0.5...2.5 / 1.5...2.5 / 0.5...2.5 / 1.5...2.5 | 0.5...4 / 1.5...4 / 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...4 / 0.5...2.5 |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | 0.4...0.6 Nm (M 2.5) |
| Tightening torque range for fixing screw | | 0.4...0.6 Nm (M 2.5) | 0.4...0.6 Nm (M 2.5) |
| Stripping length / Blade size | mm/- | 7 / 0.6 x 3.5 mm / 7 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm / 10 / 0.6 x 3.5 mm |
| **Note** | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) |

## Ordering data

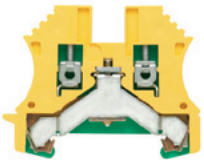
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| green/yellow Wemid | WPE 1.5/ZZ | 100 | **1016500000** | WPE 2.5/1.5/ZR | 100 | **1016400000** |
| **Note** | | | | | | |

## Accessories

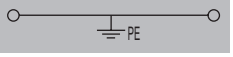
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | | | | | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| 20-/24-pole | | | | | | | | |
| **End plate / Partition plate** | | Width | | | | Width | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Blue Wemid | | | | | | | | |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |

| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | DEK 5/5 / WS 12/5 | DEK 5/5 / WS 12/5 |
| **Note** | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |

## WPE 2.5 — 2.5 mm²



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 mm²) | | | |
| 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 mm² 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 | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| | | | |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| | | | |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |

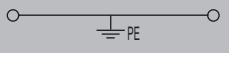
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 2.5N — 2.5 mm²

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 mm²) | | | |
| 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...0.6 Nm (M 2.5) | |
| 10 / 0.6 x 3.5 mm | |

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500)

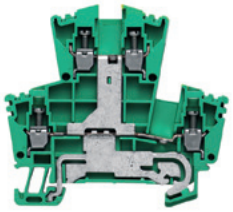
| Type | Qty. | Order No. |
|---|---|---|
| WPE 2.5N | 100 | 1016200000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDU2.5N/4N | 1.5 mm | 50 | 1060000000 |
| | | | |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| | | | |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |

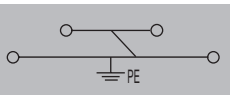
DEK 5/5 / WS 12/5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WDK 2.5 PE — 2.5 mm²



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 mm²) | | | |
| 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 mm² 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 2.5PE | 100 | 1036300000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| | | | |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| | | | |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |

DEK 5/5 / WS 8/5

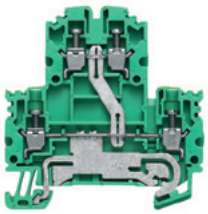
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Identically contoured design of 2.5 to 10 mm² 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.

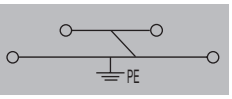
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## WDK 2.5N PE — 2.5 mm²

**Compact design**

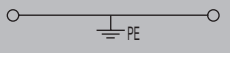


| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 60.7 x 62.45 |
| max. cond. cross-section | mm² | 4 |
| Max. clamping range | mm² | 0.05...4 |




## WPE 4 — 4 mm²

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 56 x 47.5 |
| max. cond. cross-section | mm² | 6 |
| Max. clamping range | mm² | 0.13...6 |




## Technical data

| Rated data | | WDK 2.5N PE | | | | WPE 4 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-2 | | | Ex e II II 2 G D | IEC 60947-7-2 | | | Ex e II II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 4 | AWG 22...10 | AWG 26...10 | 4 |
| Rated voltage to adjoining terminal | V | 800 | | | | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | | 8 | | | |
| Rated short-time current | | 300 A (2.5 mm²) | | | | 480 A (4 mm²) | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | | A4 / V-0 | | | |
| Approvals | | | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | **Further connection** | | **Rated connection** | | **Further connection** | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | | 0.5...6 / 0.5...6 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | | 0.5...6 / 0.5...4 | | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | | 0.5...1 Nm (M 3) | | | |
| Tightening torque range for fixing screw | | | | | | 0.5...1.0 Nm (M 3) | | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | | | 10 / 0.6 x 3.5 mm | | | |
| **Note** | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500) | | | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | WDK 2.5N PE | 100 | 1041620000 | WPE 4 | 100 | 1010100000 |
| **Note** | | | | | | | |

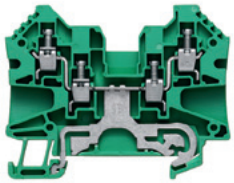
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | | | | |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | | | | |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | | | | |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | | | | |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | | | | |
| **End plate / Partition plate** | | **Width** | | | | | | |
| Dark beige Wemid | WAP WDK2.5/4 N | 1.5 mm | 20 | 1084000000 | | | | |
| Blue Wemid | WAP WDK2.5/4 N BL | 1.5 mm | 20 | 1084080000 | | | | |
| Dark beige Wemid | WTW EN | 3 mm | 20 | 1058800000 | | | | |
| **End bracket** | | | | | | **Width** | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |

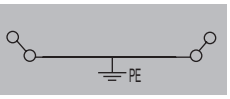
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/5 / WS 8/5 | DEK 5/6 |
| **Note** | | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |

## WPE 4/ZZ — 4 mm²

**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 mm²) | | | |
| 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** |

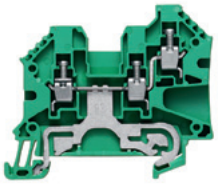
| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDU/WTR4/ZZ | 1.5 mm | 50 | **1905150000** |
| | | | |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | **1061200000** |
| | | | |
| SDS 0.6X3.5X100 | | 1 | **9008330000** |

DEK 5/6

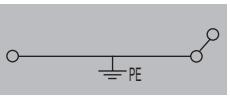
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 4/ZR — 4 mm²

**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 mm²) | | | |
| 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. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDU/WTR4/ZR | 1.5 mm | 50 | **1905070000** |
| | | | |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | **1061200000** |
| | | | |
| SDS 0.6X3.5X100 | | 1 | **9008330000** |

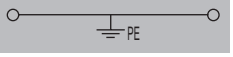
DEK 5/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 4N — 4 mm²

**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 mm²) | | | |
| 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. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDU2.5N/4N | 1.5 mm | 50 | **1060000000** |
| | | | |
| | | | |
| | | | |
| WEW 35/2 | 8 mm | 100 | **1061200000** |
| | | | |
| SDS 0.6X3.5X100 | | 1 | **9008330000** |

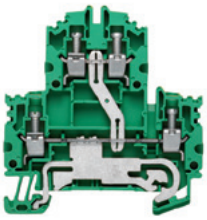
DEK 5/6 / WS 12/6

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WDK 4N PE — 4 mm²

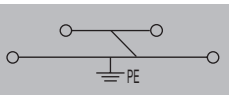
**Compact design**

Identically contoured design of 2.5 to 10 mm² 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 | 6.1 x 60.7 x 64.15 |
| max. cond. cross-section | mm² | **6** |
| Max. clamping range | mm² | **0.13...6** |




## Technical data

IEC 60947-7-2 — Ex e II — II 2 G D

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated cross-section | mm² | 4 | AWG 26...10 | AWG 26...10 | 4 |
| Rated voltage to adjoining terminal | V | 800 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | |
| Rated short-time current | | 480 A (4 mm²) | | | |
| Pollution severity | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | |
| Approvals | | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection | Further connection |
|---|---|---|---|
| Solid / stranded | mm² | 0.5...6 / 1.5...6 | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | |
| Tightening torque range for fixing screw | | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | |

**Note**

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid | WDK 4N PE | 100 | **1041920000** |

**Note**

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | | | | |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| 20-/24-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5/4 N | 1.5 mm | 20 | **1084000000** |
| Blue Wemid | | | | |
| Dark beige Wemid | | | | |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Screwdriver** | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | DEK 5/6 / WS 8/6 |

**Note**

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 mm² 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.

| | | WPE 6 | WPE 10 |
|---|---|---|---|
| | | 6 mm² | 10 mm² |
| Width/Length/Height of lowest version | mm | 7.9 x 56 x 47 | 9.9 x 60 x 47 |
| max. cond. cross-section | mm² | 10 | 16 |
| Max. clamping range | mm² | 0.08...10 | 1.31...16 |

## Technical data

| Rated data | | WPE 6 | WPE 10 |
|---|---|---|---|
| | | IEC 60947-7-2 / Ex e II / II 2 G D | IEC 60947-7-2 / Ex e II / II 2 G D |
| | | IEC / UL / CSA / EN 60079-7 | IEC / UL / CSA / EN 60079-7 |
| Rated cross-section | mm² | 6 / AWG 20...8 / AWG 20...8 / 66 | 10 / AWG 16...6 / AWG 16...6 / 1010 |
| Rated voltage to adjoining terminal | V | 800 | 1000 |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | 8 |
| Rated short-time current | | 720 A (6 mm²) | 1200 A (10 mm²) |
| Pollution severity | | 3 | 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | B6 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection / Further connection | Rated connection / Further connection |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | 1.5...16 / 1.5...16 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | 1.5...16 / 1.5...16 |
| Tightening torque range (terminal screw) | | 0.8...1.3 Nm (M 3) | 1.2...2.4 Nm (M 4) |
| Tightening torque range for fixing screw | | 0.5...1.0 Nm (M 3) | 0.5...1.0 Nm (M 3) |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | 12 / 1.0 x 5.5 mm |
| **Note** | | Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm. | AWG 6/7 and H07V-R16 tighten with 2.4 Nm. |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | WPE 6 | 50 | 1010200000 | WPE 10 | 50 | 1010300000 |
| **Note** | | | | | | | |

## Accessories

| | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **PEN bridge** | | | | | | | | | |
| | | | | | | WQB-PEN 10 | 14.8 mm | 10 | 1060300000 |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDS 0.8X4.0X100 | | 1 | 9008340000 | SDS 1.0X5.5X150 | | 1 | 9008350000 |

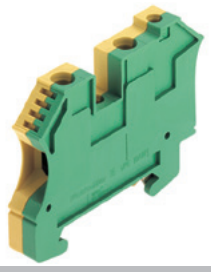
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/8 / WS 12/6,5 | DEK 5/5 / WS 12/6,5 |
| **Note** | | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). |

Identically contoured design of 2.5 to 10 mm² 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.

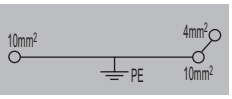
## WPE 10/ZR — 10 mm²

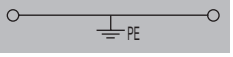
**Supplementary connection, right (4 mm²)**



## WPE 16 — 16 mm²

| | | WPE 10/ZR | WPE 16 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 9.9 x 66 x 49.5 | 11.9 x 56 x 63 |
| max. cond. cross-section | mm² | **16** | **25** |
| Max. clamping range | mm² | **1.31...16** | **1.5...25** |




## Technical data

| Rated data | | WPE 10/ZR | | | WPE 16 | | | |
|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-2 | | | IEC 60947-7-2 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 10 | AWG 16...6 | AWG 14...6 | 16 | AWG 14...4 | AWG 14...6 | 1616 |
| Rated voltage to adjoining terminal | V | 1000 | | | 1000 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | 8 | | | |
| Rated short-time current | | 1200 A (10 mm²) | | | 1920 A (16 mm²) | | | |
| Pollution severity | | 3 | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B6, A4 / V-0 | | | B7 / V-0 | | | |
| Approvals | | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | **Further connection** | **Rated connection** | | **Further connection** | |
| Solid / stranded | mm² | 1.5...16 / 1.5...16 | | 0.5...6 / 1.5...4 | 1.5...16 / 1.5...25 | | | |
| Flexible / Flexible with ferrule | mm² | 1.5...16 / 1.5...16 | | 0.5...4 / 1.5...16 | 1.5...25 / 1.5...16 | | | |
| Tightening torque range (terminal screw) | | 1.2...2.4 Nm (M 4) | | | 2...3.6 Nm (M 5) | | | |
| Tightening torque range for fixing screw | | 0.5...1.0 Nm (M 3) | | | 1.2...2.4 Nm (M 4) | | | |
| Stripping length / Blade size | mm/- | 12 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm | 16 / 1.0 x 5.5 mm | | | |
| **Note** | | Max. conductor cross-sections refer to 10 mm² and 16 mm² connections. AWG 6/7 and H07V-R16 tighten with 2.4 Nm. | | | For 25 mm², 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. | | | |

## Ordering data

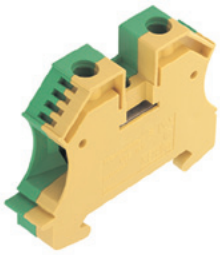
| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | WPE 10/ZR | 50 | **1042500000** | WPE 16 | 50 | **1010400000** |
| **Note** | | | | | | | |

## Accessories

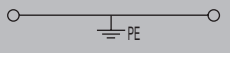
| | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **PEN bridge** | | WQB-PEN 10 | 14.8 mm | 10 | **1060300000** | WQB-PEN 16 | 17.6 mm | 10 | **1060200000** |
| **End bracket** | Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Screwdriver** | Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 1.0X5.5X150 | | 1 | **9008350000** |
| **Identification systems** | (see assortment in catalogue 7) Marking tags | DEK 5/5 / WS 12/6,5 | | | | DEK 5/5 / WS 12/6,5 | | | |
| **Note** | | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | | | | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | | | |

## WPE 16N — 16 mm²

**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 mm²) | | |
| 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 mm² stranded requires a tightening torque of 2.2 Nm.

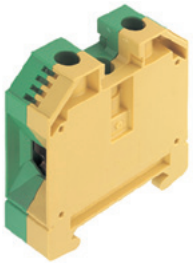
| Type | Qty. | Order No. |
|---|---|---|
| WPE 16N | 50 | **1019100000** |

| 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** |

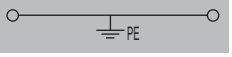
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 35 — 35 mm²



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 mm²) | | | |
| 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** |

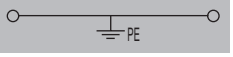
DEK 5/5 / WS 12/6,5

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 35N — 35 mm²

**Compact design**

16 x 66 x 51
**50**
**2.5...50**




IEC 60947-7-2

| IEC | UL | CSA |
|---|---|---|
| 35 | | |
| 400 | | |
| 6 | | |
| 4200 A (35 mm²) | | |
| 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

Identically contoured design of 2.5 to 10 mm² 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.

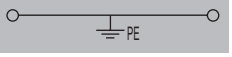
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## WPE 50N — 50 mm²

**Compact design**

| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. cond. cross-section | mm² |
| Max. clamping range | mm² |

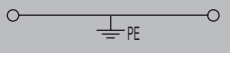
18.5 x 71 x 70
**70**
**5.26...70**




## WPE 70N/35 — 70 mm²

**Compact design**

20.5 x 75 x 86
**95**
**10...95**




## Technical data

| Rated data | | WPE 50N | | | | WPE 70N/35 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-2 | | Ex e II | II 2 G D | IEC 60947-7-2 | | Ex e II | II 2 G D |
| | | IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| Rated cross-section | mm² | 50 | AWG 10...0 | AWG 14...0 | 5050 | 70 | AWG 6...000 | AWG 6...000 | 7070 |
| Rated voltage to adjoining terminal | V | 1000 | | | | 1000 | | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 8 | | | | 8 | | | |
| Rated short-time current | | 6000 A (50 mm²) | | | | 8400 A (70 mm²) | | | |
| Pollution severity | | 3 | | | | 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B10 / V-0 | | | | B11 / V-0 | | | |
| Approvals | | | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | **Further connection** | | **Rated connection** | | **Further connection** | |
| Solid / stranded | mm² | 10...16 / 10...70 | | | | 10...16 / 10...95 | | | |
| Flexible / Flexible with ferrule | mm² | 10...50 / 10...50 | | | | 10...70 / 10...70 | | | |
| Tightening torque range (terminal screw) | | 4...6 Nm (M 6) | | | | 6...12 Nm (M 8) | | | |
| Tightening torque range for fixing screw | | 3.0...4.0 Nm (M 5) | | | | 2.0...4.0 Nm (M 5) | | | |
| Stripping length / Blade size | mm/- | 24 / S4 (DIN 6911) | | | | 22 / S6 (DIN 6911) | | | |
| **Note** | | For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used. | | | | For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used. | | | |

## Ordering data

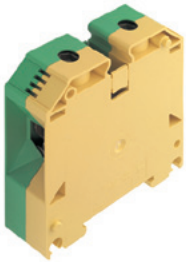
| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | green/yellow Wemid | WPE 50N | 10 | **1846040000** | WPE 70N/35 | 10 | **9512200000** |
| **Note** | | | | | | | |

## Accessories

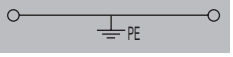
| | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **PEN bridge** | | WQV PEN 50N | 9.5 mm | 5 | **9201610000** | WQV 70N-PEN | 9.5 mm | 5 | **9525840000** |
| **End bracket** | Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Screwdriver** | Standard | | | | | | | | |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | DEK 5/5 / WS 12/6,5 | | | | DEK 5/5 / WS 12/6,5 | | | |
| **Note** | | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | | | | Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10). | | | |

## WPE 95N/120N — 95 mm²

**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 mm²) | | | |
| 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 mm², 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 | | |

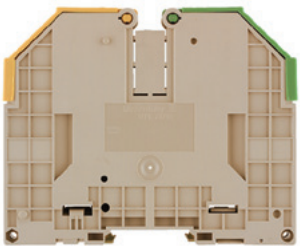
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| WQV PEN 95N/120N | 9.5 mm | 5 | **9201630000** |
| | | | |
| WEW 35/1 | 12 mm | 50 | **1059000000** |
| | | | |
| | | | |

DEK 5/5 / WS 12/6,5

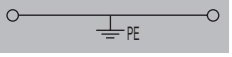
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 70/95 — 95 mm²

**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 mm²) | | | |
| 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 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

| Type | Qty. | Order No. |
|---|---|---|
| WPE 70/95 | 10 | **1037300000** |
| | | |
| | | |

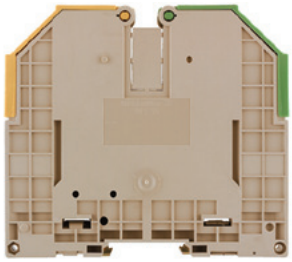
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| WQV 70/95-PEN | 10 mm | 5 | **1072300000** |
| | | | |
| WEW 35/1 | 12 mm | 50 | **1059000000** |
| | | | |
| | | | |

DEK 5/5 / WS 12/6,5

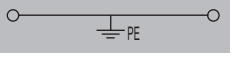
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

## WPE 120/150 — 120 mm²

**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 mm²) | | | |
| 3 | | | |
| B13 / V-0 | | | |

| Rated connection | Further connection |
|---|---|
| / 35...150 | |
| 35...150 / 35...95 | |
| 10...20 Nm M 10 | |
| 3.0...6.0 Nm (M 6) | |
| 35 / S6 (DIN 6911) | |

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) rail should be used.

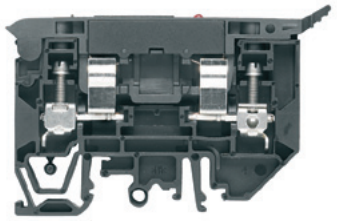
| Type | Qty. | Order No. |
|---|---|---|
| WPE 120/150 | 10 | **1019700000** |
| | | |
| | | |

| 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).

## WSI 4/2 — 4 mm²



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 | 9.1 x 81.6 x 54 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** |
| Max. clamping range | mm² | **0.5...4** |

## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 4 | AWG 22...10 | AWG 22...10 |
| Rated impulse withstand voltage / Pollution severity | | | 6 V / | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | |
| Tightening torque range (terminal screw) | | 0.5...0.8 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 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 | |
| | $T_A$ max. | Nominal values | $T_A$ 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 |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | WSI 4/2 | 25 | **1880430000** |
| 10-36 V AC/DC, with LED | WSI 4/2/LD 10-36V AC/DC | 25 | **1880410000** |
| 30-70 V AC/DC, with LED | WSI 4/2/LD 30-70V AC/DC | 25 | **1880440000** |
| 60-150 V AC/DC, with LED | WSI 4/2/LD 60-150V AC/DC | 25 | **1880420000** |
| 140-250 V AC/DC, with LED | WSI 4/2/LD 140-250V AC/DC | 25 | **1880390000** |
| **Note** | | | |

## Accessories

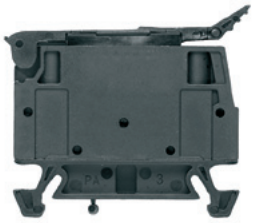
| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | | | | |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP WSI4/2 | 2.5 mm | 50 | **1880450000** |
| Dark beige Wemid | | | | |
| **Screwdriver** | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | **9006060000** |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **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 | DEK 5/5 / WS 12/6 | |
| **Note** | Dummy fuse cartridge, Order no. 1582770000 | |

## WSI 4 — 4 mm²

## 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 | 9.1 x 50.7 x 46 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 6** |
| Max. clamping range | mm² | **0.5...6** |

### Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 4 | AWG 22...12 | AWG 22...12 |
| Rated impulse withstand voltage / Pollution severity | | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...0.8 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | ...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | |
| **Note** | | | | |

| Type | Order No. |
|---|---|
| WSI 4 | **1886580000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload and short-circuit protection | |
| | $T_A$ max. | Nominal values | $T_A$ 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 |

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | WSI 4 | 50 | **1886580000** |
| 10-36 V AC/DC, with LED | WSI 4/LD 10-36V AC/DC | 50 | **1886590000** |
| 30-70 V AC/DC, with LED | WSI 4/LD 30-70V AC/DC | 50 | **1886560000** |
| 60-150 V AC/DC, with LED | WSI 4/LD 60-150V AC/DC | 50 | **1886570000** |
| 140-250 V AC/DC, with LED | WSI 4/LD 140-250V AC/DC | 50 | **1886550000** |
| **Note** | | | |

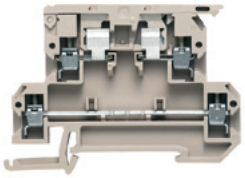
### Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | | | | |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| **End plate / Partition plate** | | | | |
| Dark beige Wemid | | | | |
| Dark beige Wemid | | | | |
| **Screwdriver** | | **Width** | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | **9006060000** |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **End bracket** | | | | |
| Dark beige Wemid | | | | |
| **G-fuse cartridge, 5 x 20 mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| | Marking tags | DEK 5/5 / WS 12/6 |
| **Note** | | |

## KDKS 1/35 DB — 4 mm²

**Metric fuses 5 x 20 mm**



## KDKS 1/35 DB

**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 | 8 x 73.5 x 54.6 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** |
| Max. clamping range | mm² | **0.22...4** |

### Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | 300 (C) | 300 (D) |
| Rated current | A | 6.3 | 10 (C) | 10 (D) |
| Rated cross-section | mm² | 4 | AWG 22...12 | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | |
| Tightening torque range (terminal screw) | | 0.5...0.8 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | | | |
| **Note** | | Note: max. conductor size = 2.5 mm² when using the cross-connector. | | |

| Type | Order No. |
|---|---|
| KDKS 1/35 DB | **9532440000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload | |
| | $T_A$ max. | Nominal values | $T_A$ max. | Nominal values |
| Individual | 23 °C* | 4.0 W / 10 A* | 41 °C | 1.6 W / 6.3 A |
| In combination | 50 °C* | 1.6 W / 6.3 A | 23 °C | 1.6 W / 6.3 A |

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

### Ordering data

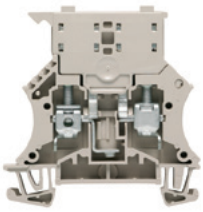
| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | KDKS 1/35 DB | 50 | **9532440000** |
| 10-36 V AC/DC, with LED | | | |
| 30-70 V AC/DC, with LED | | | |
| 60-150 V AC/DC, with LED | | | |
| 140-250 V AC/DC, with LED | | | |
| **Note** | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

### Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | | | | |
| 3-pole | | | | |
| 4-pole | | | | |
| 10-pole | | | | |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | AP KDKS1 DB | 1.5 mm | 20 | **9532470000** |
| 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 | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/8 | | | |
| **Note** | | | | |

## WSI 6 — 6 mm²

**Metric fuses**

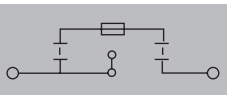


## WSI 6

**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 | 7.9 x 60 x 62 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 10** |
| Max. clamping range | mm² | **0.5...10** |



### Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | 600 (C) | 600 (C) |
| Rated current | A | 6.3 | 9.5 (C) | 10 (C) |
| Rated cross-section | mm² | 6 | AWG 20...8 | AWG 20...8 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) | | |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | |
| **Note** | | | | |

| Type | Order No. |
|---|---|
| WSI 6 | **1011000000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload and short-circuit protection | |
| | $T_A$ max. | Nominal values | $T_A$ max. | Nominal values |
| Individual | | | 31 °C | 1.6 W / 3.0 A |
| In combination | | | 27 °C | 1.6 W / 3.0 A |

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | WSI 6 | 50 | **1011000000** |
| 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** | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

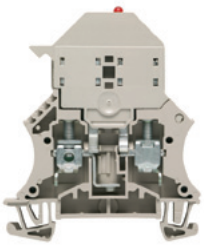
### Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAK6N | 32 A | 50 | **0194300000** |
| 3-pole | QL 3 SAK6N | 57 A | 50 | **0194400000** |
| 4-pole | QL 4 SAK6N | 57 A | 50 | **0194500000** |
| 10-pole | QL 10 SAK6N | 32 A | 20 | **0338300000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **Screwdriver** | | | | |
| With "swifty set" cutting device | | | | |
| Standard | SDS 0.8X4.0X100 | | 1 | **9008340000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **G-fuse cartridge, 5 x 20 mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| | Marking tags | DEK 5/8 / WS 12/6,5 |
| **Note** | | Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10. |

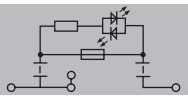
## WSI 6 LD — 6 mm²

**Metric fuses / bipolar LED**



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 | 7.9 x 60 x 72 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 10** |
| Max. clamping range | mm² | **0.5...10** |



## Technical data

IEC 60947-7-3

| | | IEC | UL | CSA |
|---|---|---|---|---|
| **Rated data** | | | | |
| Rated voltage to adjoining terminal | V | | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 6 | AWG 20...8 | AWG 20...8 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) | | |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | | | |
| 10-36 V AC/DC, with LED | WSI 6/LD 10-36V DC/AC | 50 | **1011300000** |
| 30-70 V AC/DC, with LED | WSI 6/LD 30-70V DC/AC | 50 | **1012200000** |
| 60-150 V AC/DC, with LED | WSI 6/LD 60-150V DC/AC | 50 | **1012300000** |
| 140-250 V AC/DC, with LED | WSI 6/LD 250AC | 50 | **1012400000** |
| **Note** | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

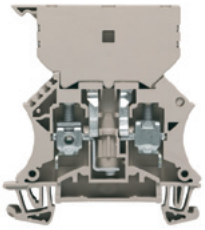
## Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAK6N | 32 A | 50 | **0194300000** |
| 3-pole | QL 3 SAK6N | 57 A | 50 | **0194400000** |
| 4-pole | QL 4 SAK6N | 57 A | 50 | **0194500000** |
| 10-pole | QL 10 SAK6N | 32 A | 20 | **0338300000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **Screwdriver** | | | | |
| With "swifty set" cutting device | | | | |
| Standard | SDS 0.8X4.0X100 | | 1 | **9008340000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **G-fuse cartridge, 5 x 20 mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| | Marking tags | DEK 5/8 / WS 12/6,5 |
| **Note** | | Screw M 3x5 Order no. 1052100000 for QL 2 - QL 10. |

## WSI 6/2 — 6 mm²

**Imperial fuses**

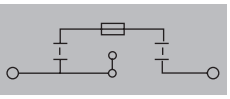


## WSI 6/2

**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 | 11.9 x 60 x 67 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 10** |
| Max. clamping range | mm² | **0.5...10** |



## Technical data

| Rated data | | |
|---|---|---|
| Rated voltage to adjoining terminal | V | 500 |
| Rated current | A | 6.3 |
| Rated cross-section | mm² | 6 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 |
| Approvals | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm |
| **2 conductors with same cross-section (H05V/H07V)** | | |
| Solid / stranded | mm² | 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 |
| **Note** | | Fuse inserts or contact sleeves should be attached in the middle. |

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 |

| Type | Order No. |
|---|---|
| WSI 6/2 GZ/DEF63 | **1014000000** |

| Arrangement | Applications | | | |
|---|---|---|---|---|
| | Only short-circuit protection | | Overload and short-circuit protection | |
| | $T_A$ max. | Nominal values | $T_A$ 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 |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | WSI 6/2 GZ/DEF63 | 25 | **1014000000** |
| 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** | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

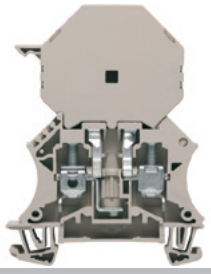
## Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAK16 | 76 A | 50 | **0470700000** |
| 3-pole | QL 3 SAK16 | 76 A | 50 | **0470800000** |
| 4-pole | QL 4 SAK16 | 76 A | 50 | **0470900000** |
| 10-pole | QL 10 SAK16 | 76 A | 20 | **0471000000** |
| Lock washer | SS M3 D 128-A 3 | | 50 | **0164400000** |
| Mounting screw | KISC M3X5 | | 100 | **1052100000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | GZ 2.0A | | 10 | **0294500000** |
| 1.00 A medium slow / 3 A | GZ 3.0A | | 10 | **0295700000** |
| 2.00 A fast / 5 A | GZ 5.0A | | 10 | **0294600000** |
| 4.00 A fast / 10 A | GZ 10.0A | | 10 | **0293900000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| Marking tags | | DEK 5/8 / WS 12/6,5 |
| **Note** | | Refer to the W-Series accessories section for cross-connection information. |

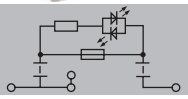
## WSI 6/2 m. LED — 6 mm²

**Imperial fuses / bipolar LED**



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 | 11.9 x 60 x 79.5 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 10** |
| Max. clamping range | mm² | **0.5...10** |



## Technical data

IEC 60947-7-3

| | | IEC | UL | CSA |
|---|---|---|---|---|
| **Rated data** | | | | |
| Rated voltage to adjoining terminal | V | | | |
| Rated current | A | 6.3 | | |
| Rated cross-section | mm² | 6 | AWG 22...8 | AWG 20...6 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) | | |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | |
| **Note** | | Fuse inserts or contact sleeves should be attached in the middle. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | | | |
| 10-36 V AC/DC, with LED | WSI 6/2/LD 10-36V DC/AC | 25 | **1014100000** |
| 30-70 V AC/DC, with LED | WSI 6/2/LD 30-70V DC/AC | 25 | **1014200000** |
| 60-150 V AC/DC, with LED | WSI 6/2/LD 60-150VDC/AC | 25 | **1014300000** |
| 140-250 V AC/DC, with LED | WSI 6/2/LD 250AC | 25 | **1014400000** |
| **Note** | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. | | |

## Accessories

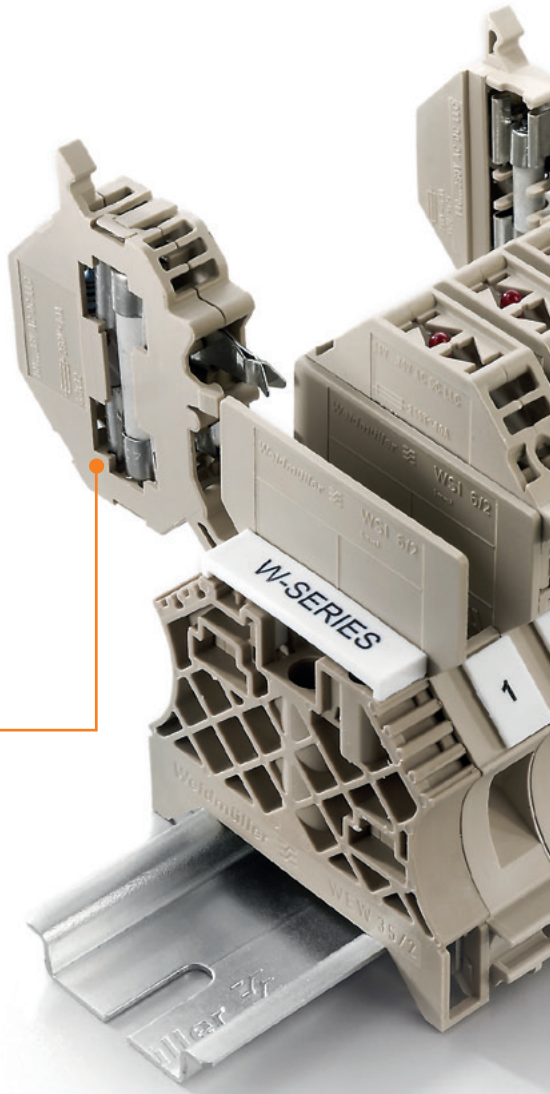
| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAK16 | 76 A | 50 | **0470700000** |
| 3-pole | QL 3 SAK16 | 76 A | 50 | **0470800000** |
| 4-pole | QL 4 SAK16 | 76 A | 50 | **0470900000** |
| 10-pole | QL 10 SAK16 | 76 A | 20 | **0471000000** |
| Lock washer | SS M3 D 128-A 3 | | 50 | **0164400000** |
| Mounting screw | KISC M3X5 | | 100 | **1052100000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | GZ 2.0A | | 10 | **0294500000** |
| 1.00 A medium slow / 3 A | GZ 3.0A | | 10 | **0295700000** |
| 2.00 A fast / 5 A | GZ 5.0A | | 10 | **0294600000** |
| 4.00 A fast / 10 A | GZ 10.0A | | 10 | **0293900000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| | Marking tags | DEK 5/8 / WS 12/6,5 |
| **Note** | | Refer to the W-Series accessories section for cross-connection information. |

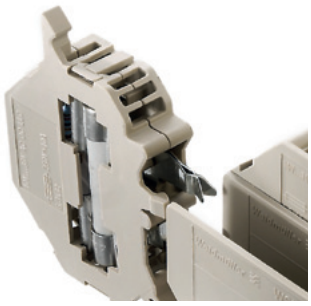
# WSI 6 LD LLC fused terminal blocks with minimised leakage current

**Clearly visible status LED with extremely low leakage current for error indication with an optimal energy balance**

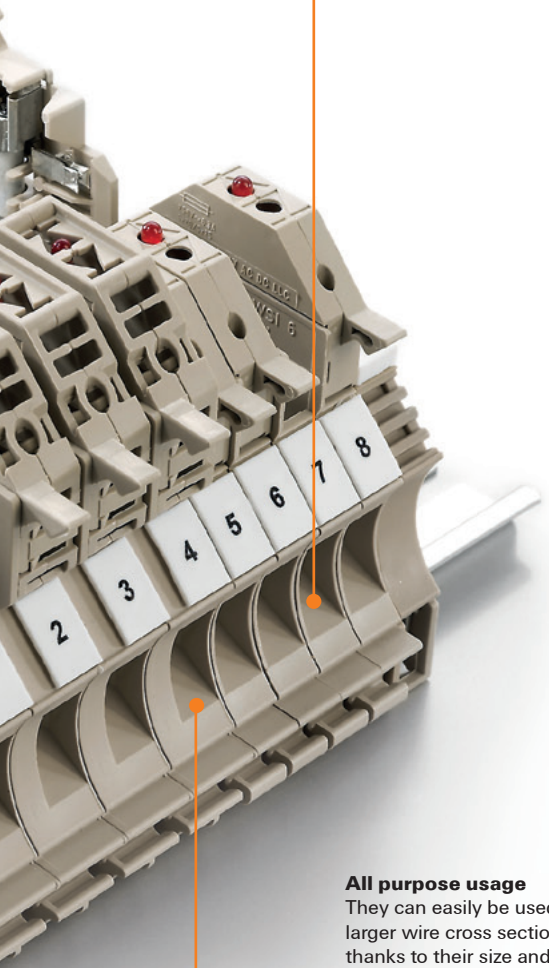
Weidmüller has extended its line of screw connect fuse terminals to include the WSI 6 LD LLC and WSI 6/2 LD LLC variants. The terminals have bright status displays which are wired in parallel with the fuse so that, in the event of an outage, the fuse supplies a low leakage current to the LEDs. Since 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 µA. 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.

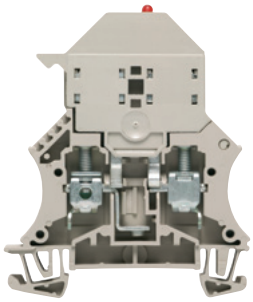


**Good cable visibility**
Because of the broad width, visibility remains clear and accessible even with many wires connected.

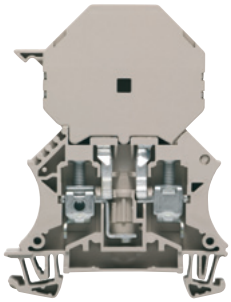


**All purpose usage**
They can easily be used in applications with larger wire cross sections of up to 10 mm², thanks to their size and the use of larger connection elements.

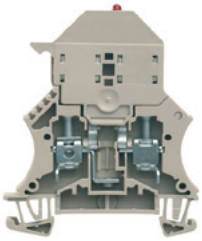
**WSI 6 LD LLC**
The WSI-6-LD-LLC variants, with their thin 7.9 mm width, are perfect for use with the 5 x 20 mm fuses.



**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 1¼" x ¼" fuses.

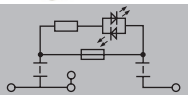


## WSI 6/LD LLC — 6 mm²



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 | 7.9 x 60 x 72 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 10** |
| Max. clamping range | mm² | **0.5...10** |



## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | 600 (C) | 250 (C) |
| Rated current | A | 6.3 | 10 (C) | 6.3 (C) |
| Rated cross-section | mm² | 6 | AWG 22...8 | AWG 20...8 |
| Rated impulse withstand voltage / Pollution severity | | | / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 0.5...10 / 1.5...10 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) |
| Stripping length / Blade size | mm/- | / 4.0 x 0.8 mm |
| **2 conductors with same cross-section (H05V/H07V)** | | |
| Solid / stranded | mm² | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 |
| **Note** | | |

## Ordering data

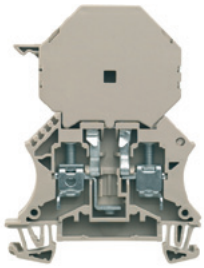
| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 10-36 V AC/DC, with LED | WSI 6/LD 10-36V LLC | 50 | **1119840000** |
| 30-70 V AC/DC, with LED | WSI 6/LD 30-70V LLC | 50 | **1119830000** |
| 60-150 V AC/DC, with LED | WSI 6/LD 60-150V LLC | 50 | **1119850000** |
| 140-250 V AC/DC, with LED | WSI 6/LD 250AC LLC | 50 | **1119870000** |
| **Note** | | | |

## Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAK6N | 32 A | 50 | **0194300000** |
| 3-pole | QL 3 SAK6N | 57 A | 50 | **0194400000** |
| 4-pole | QL 4 SAK6N | 57 A | 50 | **0194500000** |
| 10-pole | QL 10 SAK6N | 32 A | 20 | **0338300000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **G-fuse cartridge, 5 x 20 mm (IEC 60127-2)** | | | | |
| 0.25 A fast | G 20/0.25A/F | | 10 | **0430500000** |
| 0.50 A fast | G 20/0.50A/F | | 10 | **0430600000** |
| 1.00 A fast | G 20/1.00A/F | | 10 | **0430700000** |
| 2.00 A fast | G 20/2.00A/F | | 10 | **0430900000** |
| **Screwdriver** | | | | |
| Standard | SDS 0.8X4.0X100 | | 1 | **9008340000** |

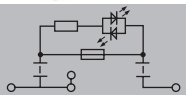
| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/8 / WS 12/6,5 | |
| **Note** | | |

## WSI 6/2/LD LLC — 6 mm²



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 | 11.9 x 60 x 79.5 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 10** |
| Max. clamping range | mm² | **0.5...10** |



## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 500 | 600 (C) | 150 (C) |
| Rated current | A | 6.3 | 10 (C) | 6.3 (C) |
| Rated cross-section | mm² | 6 | AWG 22...8 | AWG 20...8 |
| Rated impulse withstand voltage / Pollution severity | | | / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Tightening torque range (terminal screw) | | 0.8...1.6 Nm (M 3.5) | | |
| Stripping length / Blade size | mm/- | / 4.0 x 0.8 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 10-36 V AC/DC, with LED | WSI 6/2/LD 10-36V LLC | 25 | **1119800000** |
| 30-70 V AC/DC, with LED | WSI 6/2/LD 30-70V LLC | 25 | **1119810000** |
| 60-150 V AC/DC, with LED | WSI 6/2/LD 60-150V LLC | 25 | **1119820000** |
| 140-250 V AC/DC, with LED | WSI 6/2/LD 250AC LLC | 25 | **1119790000** |
| **Note** | | | |

## Accessories

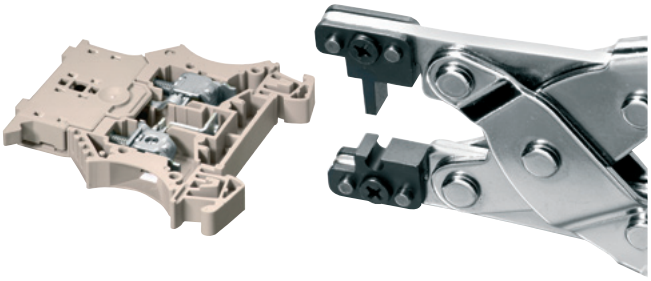
| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAK16 | 76 A | 50 | **0470700000** |
| 3-pole | QL 3 SAK16 | 76 A | 50 | **0470800000** |
| 4-pole | QL 4 SAK16 | 76 A | 50 | **0470900000** |
| 10-pole | QL 10 SAK16 | 76 A | 20 | **0471000000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **G25 with indicator / imperial (inch) fuse** | | | | |
| 0.50 A medium slow / 2 A | GZ 2.0A | | 10 | **0294500000** |
| 1.00 A medium slow / 3 A | GZ 3.0A | | 10 | **0295700000** |
| 2.00 A fast / 5 A | GZ 5.0A | | 10 | **0294600000** |
| 4.00 A fast / 10 A | GZ 10.0A | | 10 | **0293900000** |
| **Screwdriver** | | | | |
| Standard | SDS 0.8X4.0X100 | | 1 | **9008340000** |

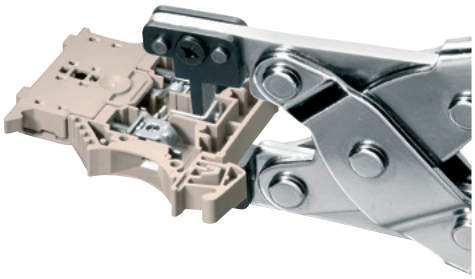
| **Identification systems** (see assortment in catalogue 7) | |
|---|---|
| Marking tags | DEK 5/8 / WS 12/6,5 |
| **Note** | |

# 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. 1052100000 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. 9004510000) 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.

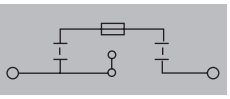


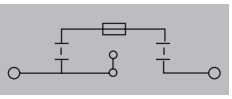


In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WSI 25 10x38 | WSI 25 CC |
|---|---|---|---|
| | | 25 mm² | 25 mm² |

| | | | |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 36 x 58 x 58 | 18 x 58 x 58 |
| max. current / max. cond. cross-section | A | **32 / 25** | **32 / 25** |
| Max. clamping range | mm² | **1.5...25** | **1.5...25** |





## Technical data

| | | WSI 25 10x38 | WSI 25 CC |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-3 | IEC 60947-7-3 |
| Rated voltage to adjoining terminal | V | IEC: 690 / UL: / CSA: 600 (C) | IEC: 690 / UL: / CSA: |
| Rated current | A | IEC: 32 / UL: / CSA: 30 (C) | IEC: 32 / UL: / CSA: |
| Rated cross-section | mm² | IEC: 25 / UL: / CSA: AWG 14...3 | IEC: 25 / UL: / CSA: AWG 18...4 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 1.5...25 / 1.5...25 | 1.5...25 / 1.5...25 |
| Flexible / Flexible with ferrule | mm² | 1.5...25 / 1.5...25 | 1.5...25 / 1.5...25 |
| Tightening torque range (terminal screw) | | 2...2.5 Nm | 2...2.5 Nm |
| Stripping length / Blade size | mm/- | | |
| **Note** | | Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum. | Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum. |

## Ordering data

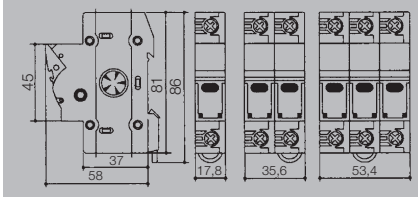
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| 1-pole, without LED | WSI 25/1 10x38 | 12 | **1966020000** | WSI 25/1 CC | 12 | **1966050000** |
| 2-pole, without LED | WSI 25/2 10x38 | 6 | **1966090000** | WSI 25/2 CC | 6 | **1966040000** |
| 3-pole, without LED | WSI 25/3 10x38 | 4 | **1966080000** | WSI 25/3 CC | 4 | **1966030000** |
| 1-pole, with LED | WSI 25/1 10x38/LED | 12 | **1966060000** | WSI 25/1 CC/LED | 12 | **1966070000** |
| **Note** | | | | | | |

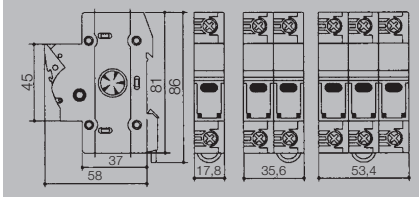
## Accessories

| Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | ESG 6/15 | ESG 6/15 |
| **Note** | | | |

## Technical drawing



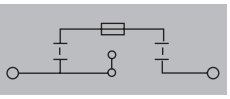



## WSI 25/1 10x38 1KV — 25 mm²

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 | 18 x 58 x 58 |
| max. current / max. cond. cross-section | A/mm² | **32 / 25** |
| Max. clamping range | mm² | **1.5...25** |



## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 1000 | | |
| Rated current | A | 32 | | |
| Rated cross-section | mm² | 25 | | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 1.5...25 / 1.5...25 |
| Flexible / Flexible with ferrule | mm² | 1.5...25 / 1.5...25 |
| Tightening torque range (terminal screw) | | 2...2.5 Nm |
| Stripping length / Blade size | mm/- | |

| Note | Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum. |
|---|---|

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 1-pole, without LED | WSI 25/1 10x38 1KV | 12 | **1137790000** |
| 1-pole, with LED | WSI 25/1 10X38/LED 1KV | 12 | **1137780000** |

Note

## Accessories

| Safety fuses | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| 2 A | FUSE 1KV DC 2A 10/38 | | 10 | **1224870000** |
| 4 A | FUSE 1KV DC 4A 10/38 | | 10 | **1224880000** |
| 6 A | FUSE 1KV DC 6A 10/38 | | 10 | **1224890000** |
| 8 A | FUSE 1KV DC 8A 10/38 | | 10 | **1224900000** |
| 10 A | FUSE 1KV DC 10A 10/38 | | 10 | **1224910000** |
| 12 A | FUSE 1KV DC 12A 10/38 | | 10 | **1224920000** |
| 16 A | FUSE 1KV DC 16A 10/38 | | 10 | **1224930000** |
| 20 A | FUSE 1KV DC 20A 10/38 | | 10 | **1224950000** |

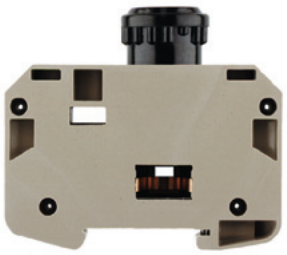
(see assortment in catalogue 7)

Note

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

## SAKS 2/35 DB — 10 mm²

D fuses E 16



| | |
|---|---|
| Width/Length/Height of lowest version | mm |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range | mm² |

27.6 x 80 x 75
**10 / 16**
**0.22...16**

## SAKS 4/35 DB — 10 mm²

D 01 fuses E 14

24 x 75 x 66
**16 / 16**
**0.22...16**

## Technical data

| Rated data | | SAKS 2/35 DB | | | SAKS 4/35 DB | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-3 | | | IEC 60947-7-3 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage to adjoining terminal | V | 500 | | 600 (C) | 400 | 600 (C) | 600 (C) |
| Rated current | A | 10 | | 25 (C) | 16 | 30 (C) | 30 (C) |
| Rated cross-section | mm² | 10 | | AWG 22...8 | 10 | AWG 22...8 | AWG 22...8 |
| Rated impulse withstand voltage / Pollution severity | | | | 6 kV / 3 | | | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | | B6 / V-0 | | | B6 / V-0 |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...16 / 0.5...10 | | | 0.5...16 / 0.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...10 | | | 0.5...10 / 0.5...10 | | |
| Tightening torque range (terminal screw) | | 1.2...2.4 Nm (M 4) | | | 1.2...2.4 Nm (M 4) | | |
| Stripping length / Blade size | mm/- | 12 / 1.0 x 5.5 mm | | | 14 / 1.0 x 5.5 mm | | |
| **Note** | | Connections for stranded conductors from 10 mm² and AWG conductors require a tightening torque of 2 Nm. | | | 400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm² or larger; the torque for stranded and 7-core AWG wires is 2 Nm. | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | 500 V AC/DC, w/o LED | SAKS 2/35 DB | 20 | 1368700000 | SAKS 4/35 DB | 20 | 0501800000 |
| **Note** | | Material Duroplast KRG | | | Material Duroplast KRG | | |

## Accessories

| | | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **Screwable cross-connection** | | | | | | | | | |
| | 2-pole | QL 2 SAKS2 | 36 A | 20 | 0207800000 | QL 2 SAKS4 | 36 A | 20 | 0328000000 |
| | 3-pole | | | | | QL 3 SAKS4 | 36 A | 20 | 0328100000 |
| | 4-pole | QL 4 SAKS2 | 36 A | 20 | 0208000000 | | | | |
| | 10-pole | QL 10 SAKS2 | 36 A | 20 | 0338900000 | QL 10 SAKS4 | 36 A | 20 | 0339000000 |
| | Lock washer | SS M4 D 128-A 4 | | 100 | 0136400000 | SS M4 D 128-A 4 | | 100 | 0136400000 |
| | Mounting screw | BFSC M4X9T | | 100 | 0103300000 | BFSC M4X9T | | 100 | 0103300000 |
| **End plate / Partition plate** | | | **Width** | | | | **Width** | | |
| | Dark beige Wemid | WTW EN | 3 mm | 20 | 1058800000 | WTW EN | 3 mm | 20 | 1058800000 |
| **Screw cover cap** | | | | | | | | | |
| | SK | SK E16/SAKS2 | | 25 | 0284110000 | SK E14 SAKS4 | | 20 | 0339410000 |
| **Fuse cartridges** | | | | | | | | | |
| | | E 16/10A RT TNDZ | | 25 | 0208500000 | E 14/2A RS | | 10 | 0137400000 |
| | | E 16/16A GR TNDZ | | 25 | 0208600000 | E 14/4A BR | | 10 | 0137500000 |
| | | E 16/20A BL TNDZ | | 25 | 0208700000 | E 14/6A GN | | 10 | 0328300000 |
| | | E 16/25A GE TNDZ | | 25 | 0208800000 | E 14/10A RT | | 10 | 0328400000 |
| **Gauge rings** | | | | | | | | | |
| | | P 16/10 RT SAKS2 | | 100 | 0208900000 | P 14/2 D01 RS SAKS4 | | 50 | 0138000000 |
| | | P 16/16 GR SAKS2 | | 100 | 0209000000 | P 14/4 D01 BR SAKS4 | | 50 | 0138100000 |
| | | P 16/20 BL SAKS2 | | 100 | 0209100000 | | | | |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | DEK 5/5 | DEK 5/5 |
| **Note** | | Replacement screw cover cap, Order no. 0284110000 (qty. 20). | Replacement screw cover cap, Order no. 0339410000 (qty. 20). |

## SAKS 5/35 DB — 10 mm²

**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 | 28 x 80 x 66 |
| max. current / max. cond. cross-section | A/mm² | **63 / 16** |
| Max. clamping range | mm² | **1.5...16** |

## Technical data

IEC 60947-7-3

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage to adjoining terminal | V | 400 | 600 (C) | 600 (C) |
| Rated current | A | 57 | 40 (C) | 63 (C) |
| Rated cross-section | mm² | 10 | AWG 14...6 | AWG 14...6 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | B7 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 1.5...16 / 1.5...16 | | |
| Flexible / Flexible with ferrule | mm² | 1.5...16 / 1.5...16 | | |
| Tightening torque range (terminal screw) | | 1.2...2.4 Nm (M 4) | | |
| Stripping length / Blade size | mm/- | 13 / 1.0 x 5.5 mm | | |
| **Note** | | 400 V also available with Neozed shipbuilding fuse. When connecting wires of 10 mm² or larger; the torque for stranded and 7-core AWG wires is 2 Nm. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 500 V AC/DC, w/o LED | SAKS 5/35 DB | 20 | **0502100000** |
| **Note** | Material Duroplast KRG | | |

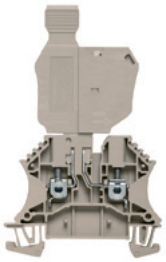
## Accessories

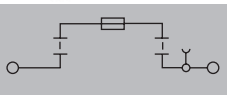
| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | QL 2 SAKS2 | 36 A | 20 | **0207800000** |
| 3-pole | | | | |
| 4-pole | QL 4 SAKS2 | 36 A | 20 | **0208000000** |
| 10-pole | QL 10 SAKS2 | 36 A | 20 | **0338900000** |
| Lock washer | SS M4 D 128-A 4 | | 100 | **0136400000** |
| Mounting screw | BFSC M4X9T | | 100 | **0103300000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WTW EN | 3 mm | 20 | **1058800000** |
| **Screw cover cap** | | | | |
| SK | SK E18 SAKS5 | | 20 | **0359310000** |
| **Fuse cartridges** | | | | |
| | 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** |

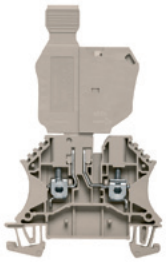
| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| | Marking tags | DEK 5/5 |
| **Note** | | Replacement screw cover cap, Order no. 0359310000 (qty. 20). |

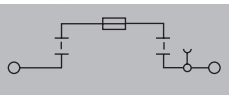
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WTR 2.5/SI 2.5 mm² | WTR 4/SI 4 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 60 x 97.5 | 6.1 x 60 x 97.5 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** | **6.3 / 6** |
| Max. clamping range | mm² | **0.05...4** | **0.22...6** |









## Technical data

| Rated data | | WTR 2.5/SI | WTR 4/SI |
|---|---|---|---|
| | | IEC 60947-7-3 | IEC 60947-7-3 |
| Rated voltage to adjoining terminal | V | IEC: 400 / UL: 600 (C) / CSA: 300 (B) | IEC: 400 / UL: 250 (C) / CSA: 250 (D) |
| Rated current | A | IEC: 6.3 / UL: 10 (C) / CSA: 10 (B) | IEC: 6.3 / UL: 6.3 (C) / CSA: 6.3 (D) |
| Rated cross-section | mm² | IEC: 2.5 / UL: AWG 22...12 / CSA: AWG 26...12 | IEC: 4 / UL: AWG 22...10 / CSA: AWG 22...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A4 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...6 / 1.5...6 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...4 |
| Tightening torque range (terminal screw) | | 0.4 0.8 Nm (M 2.5) | 0.5 1 Nm (M 3) |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 13 / 0.6 x 3.5 mm |
| **2 conductors with same cross-section (H05V/H07V)** | | | |
| Solid / stranded | mm² | 0.5...1.5 | 0.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...1.5 / 0.5...1.5 |
| **Note** | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | The rated current of the terminal is determined by the max. power loss of 1.6 W at the cartridge fuse. |

## Ordering data

| Version | WTR 2.5/SI Type | Qty. | Order No. | WTR 4/SI Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| 400 V AC/DC, w/o LED | WTR 2.5/SI | 25 | **1763940000** | WTR 4 SI | 25 | **7910240000** |
| 10-36 V AC/DC, with LED | WTR 2.5/SI LD 36V | 25 | **1763950000** | WTR 4/SI LD 36V | 25 | **7914370000** |
| 30-70 V AC/DC, with LED | | | | WTR 4/SI LD 70V | 25 | **7914380000** |
| 60-150 V AC/DC, with LED | | | | WTR 4/SI LD 150V | 25 | **7914390000** |
| 140-250 V AC/DC, with LED | | | | WTR 4/SI LD 250V | 25 | **7914400000** |
| **Note** | UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA. | | | UL/CSA specified for 400 V fuse cartridge; otherwise the specified voltage range is also valid for UL/CSA. | | |

## Accessories

| Pluggable cross-connection | WTR 2.5/SI Type | current | Qty. | Order No. | WTR 4/SI Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** | ZQV 4N/2 GE | 32 A | 60 | **1758250000** |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** | ZQV 4N/3 GE | 32 A | 60 | **1762630000** |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** | ZQV 4N/4 GE | 32 A | 60 | **1762620000** |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** | ZQV 4N/10 GE | 32 A | 20 | **1758260000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **G-fuse cartridge, 5 x 20 mm (IEC 60127-2)** | | | | | | | | |
| 0,25 A fast | G 20/0.25A/F | | 10 | **0430500000** | G 20/0.25A/F | | 10 | **0430500000** |
| 0,50 A fast | G 20/0.50A/F | | 10 | **0430600000** | G 20/0.50A/F | | 10 | **0430600000** |
| 1,00 A fast | G 20/1.00A/F | | 10 | **0430700000** | G 20/1.00A/F | | 10 | **0430700000** |
| 2,00 A fast | G 20/2.00A/F | | 10 | **0430900000** | G 20/2.00A/F | | 10 | **0430900000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 12/5 | DEK 5/6 / WS 12/6 |
| **Note** | | Cross-connection options for WTR 2.5, refer to the "W-Series Accessories" section. | |

## Cartridge fuses

### Technical data / Ordering data

| For terminal type | Size (mm) | Nom. current (A) | Type | | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | **G-type cartridge fuses** 5 x 20 **without** indicators to IEC 60127-2 (VDE 0820 pt.2 Bl[1]) | | | | | |
| WSI 4<br>WSI 6 | 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 | 0439000000 |
| | | 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[1] | | | | | |
| WSI 6 | 5 x 25 m. K.[1]<br>breaking capacity 80 A<br>(at 250 V, 50 Hz, cos φ = 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)[5]) | 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 | | | | | |
| WSI 4/2<br>WSI 6/2 | 33 kA breaking capacity, 33 kA fast-blow | 0.5 | | GZ 0.5A/F | 10 | 0533800000 |
| | E 0.5 A | 1 | | GZ 1.0A/F | 10 | 0525500000 |
| | E 1 A | 2 | | GZ 2.0A | 10 | 0294500000 |
| | E 2 A | 3 | | GZ 3.0A | 10 | 0295700000 |
| | E 3 A | 5 | | GZ 5.0A | 10 | 0294600000 |
| | E 5 A | 7 | | GZ 7.0A | 10 | 0295800000 |
| | E 7 A | 10 | | GZ 10.0A | 10 | 0293900000 |
| | E 10 A | 12.5 | | GZ 12.5A/FF | 10 | 0245400000 |
| | | (M) = medium-blow (F) = fast-blow | | | | |
| | **D-type cartridge fuses** E 16 **with** indicators to DIN 49360 (Diazed) | | | | | |
| SAKS 2 | E 10 A | 10 | | E 16/10A RT | 25 | 0208500000 |
| | E 16 A | 16 | | E 16/16A GR | 25 | 0208600000 |
| | E 20 A | 20 | | E 16/20A BL | 25 | 0208700000 |
| | E 25 A | 25 | | E 16/25A GE | 25 | 0208800000 |
| | | (M) = medium-blow (F) = fast-blow | | | | |
| | **D-type cartridge fuses** E 14 size D 01 and E 18 size D 02 **with** indicators to DIN 49522 (Neozed)[3] | | | | | |
| SAKS 4 4) | E 14/2 | 2 | | E 14/2A RS | 10 | 0137400000 |
| | E 14/4 | 4 | | E 14/4A BR | 10 | 0137500000 |
| | E 14/6 | 6 | | E 14/6A GN | 10 | 0328300000 |
| | E 14/10 | 10 | | E 14/10A RT | 10 | 0328400000 |
| | E 14/16 | 16 | | E 14/16A GR | 10 | 0328500000 |
| SAKS 5 | E 18/20 | 20 | | E 18/20A BL | 10 | 0361300000 |
| | E 18/25 | 25 | | E 18/25A GE | 10 | 0361400000 |
| | E 18/35 | 35 | | E 18/35A SW | 10 | 0361500000 |
| | E 18/50 | 50 | | E 18/50A WS | 10 | 0361600000 |
| | E 18/63 | 63 | | E 18/63A KU | 10 | 0361700000 |
| | | (M) = medium-blow (F) = fast-blow | | | | |

**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"x¼" (25.4 x 6.35 mm) and 13/32"x1½" (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 | 2 | 4 | 6 | 8 | 10 | 12 | 16 | 20 |
| Rated voltage | V | 1000 | | | | | | | |
| Rated breaking capacity | | 30 kA @ DC 1000 V (2 ms) | | | | | | | |
| Melting integral | | 3 | 10 | 45 | 5 | 7 | 10 | 30 | 52 |
| Power output | | 1.2 | 1.8 | 2.5 | 1.6 | 2 | 2.4 | 2.1 | 2.5 |
| **Additional data** | | | | | | | | | |
| Size | mm | 10 x 38 | | | | | | | |
| Test dropout voltage | | 1000 V DC | | | | | | | |
| Characteristics | | gPV/IEC (If = 1.45 x In)<br>gR/UL E180276 | | | | | | | |
| Standard | | IEC 60 269-6; As at 2009<br>UL 248-13 | | | | | | | |
| **Note** | | | | | | | | | |

### Ordering data

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Order No.** | **1224870000** | **1224880000** | **1224890000** | **1224900000** | **1224910000** | **1224920000** | **1224930000** | **1224950000** |
| **Qty.** | 10 | | | | | | | |
| **Note** | | | | | | | | |

## Gauge pieces

### Technical data / Ordering data

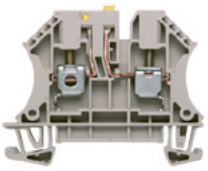
| For terminal type | Gauge piece type | Amps | Colour | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| SAKS 4/35 | P 14/2 | 2 | pink | P 14/2D01 RS | 50 | **0138000000** |
| | P 14/4 | 4 | brown | P 14/4D01 BR | 50 | **0138100000** |
| | P 14/6 | 6 | green | P 14/6D01 GN | 50 | **0328600000** |
| | P 14/1 | 10 | red | P 14/10D01 RT | 50 | **0328700000** |
| SAKS 5/35 | P 18/20 | 20 | blue | P 18/20D02 BL | 50 | **0361800000** |
| | P 18/25 | 25 | yellow | P 18/25D02 GE | 50 | **0361900000** |
| | P 18/35 | 35 | black | P 18/35D02 SW | 50 | **0362000000** |
| | P 18/50 | 50 | white | P 18/50D02 WS | 50 | **0362100000** |
| SAKS 2/35 | P 16/10 | 10 | red | P 16/10 RT | 100 | **0208900000** |
| | P 16/16 | 16 | grey | P 16/16 GR | 100 | **0209000000** |
| | P 16/20 | 20 | blue | P 16/20 BL | 100 | **0209100000** |

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.

## WTR 2.5 — 2.5 mm²

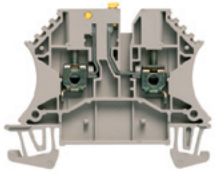
**With clamping screw**



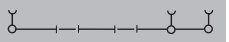
| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 60 x 49 |
| max. current / max. cond. cross-section | A/mm² | **24 / 4** |
| Max. clamping range | mm² | **0.05...4** |

## WTR 2.5 STB — 2.5 mm²

**With sockets**



5.1 x 60 x 49
**24 / 4**
**0.05...4**



## Technical data

| | | WTR 2.5 | | | WTR 2.5 STB | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | **IEC** | **UL** | **CSA** | **IEC** | **UL** | **CSA** |
| Rated voltage | V | 500 | 600 (C) | 300 (C) | 500 | 600 (C) | 300 (D) |
| Rated current | A | 24 | 20 (C) | 10 (C) | 24 | 20 (C) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | AWG 30...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.8 Nm (M 2.5) | | | 0.5...0.7 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | 0.5...1.5 / 0.5...1.5 | | |
| **Note** | | 2.5 mm² conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). | | | 2.5 mm² conductor with ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). | | |

## Ordering data

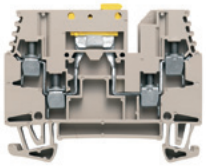
| Version | WTR 2.5 Type | Qty. | Order No. | WTR 2.5 STB Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WTR 2.5 | 100 | **1855610000** | WTR 2.5 STB2.3 | 100 | **1855620000** |
| Blue Wemid | WTR 2.5 BL | 100 | **8731640000** | WTR 2.5 STB2.3 BL | 100 | **8731660000** |
| Without isolator, Dark beige Wemid | WTR 2.5/0.TNHE | 100 | **8731700000** | WTR 2.5/0.TNHE STB2.3 | 100 | **8731670000** |
| Without STB | | | | | | |
| **Note** | | | | | | |

## Accessories

| Pluggable cross-connection | WTR 2.5 Type | current | Qty. | Order No. | WTR 2.5 STB Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | **7921560000** | SIHA 3/G20 | 5.95 mm | 25 | **7921560000** |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | **7921570000** | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | **7921570000** |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | **7921600000** | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | **7921600000** |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | **1833100000** | BEST | 5.1 mm | 50 | **1833100000** |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | **1878570000** | BEST/DRBR | 5.1 mm | 50 | **1878570000** |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | **1878560000** | BEST/D | 5.1 mm | 50 | **1878560000** |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | **1833090000** | TNST | | 50 | **1833090000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 12/5 | | | | DEK 5/5 / WS 12/5 | | | |
| **Note** | | | | | | | | |

## WTR 2.5/ZZ — 2.5 mm²

**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 |

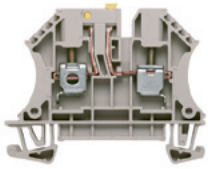
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| 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 mm²

**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 |

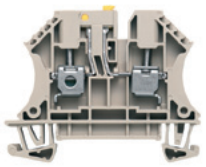
| Type | Qty. | Order No. |
|---|---|---|
| WTR 4 | 50 | 7910180000 |
| WTR 4 BL | 50 | 7910190000 |

| 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 |

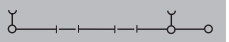
WS 12/5

## WTR 4 STB — 4 mm²

**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

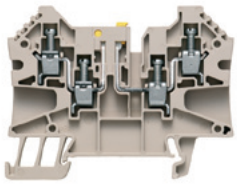
## Test-disconnect terminals

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.

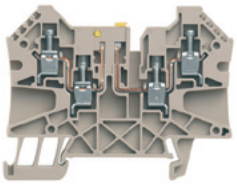
### WTR 4/ZZ — 4 mm²

**Twin connection with clamping screw**

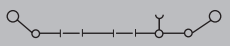


### WTR 4/ZZ STB — 4 mm²

**Twin connection with socket**



| | | WTR 4/ZZ | WTR 4/ZZ STB |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 70 x 53.5 | 6.1 x 70 x 53.5 |
| max. current / max. cond. cross-section | A/mm² | 27 / 6 | 27 / 6 |
| Max. clamping range | mm² | 0.05...6 | 0.05...6 |



### Technical data

| | | WTR 4/ZZ | | | WTR 4/ZZ STB | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 500 | 600 (C) | 600 (C) | 500 | 600 (C) | 600 (C) |
| Rated current | A | 27 | 25 (C) | 25 (C) | 27 | 25 (C) | 25 (C) |
| Rated cross-section | mm² | 4 | AWG 30...10 | AWG 30...10 | 4 | AWG 30...10 | AWG 30...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | A4 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection | | | Rated connection | | |
| Solid / stranded | mm² | 0.5...6 / 0.5...6 | | | 0.5...6 / 0.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | 0.5...4 / 0.5...4 | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | | 0.5...1 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | 0.5...1.5 / 0.5...1.5 | | |
| **Note** | | | | | | | |

### Ordering data

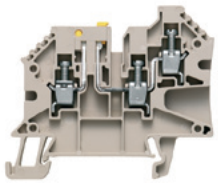
| Version | WTR 4/ZZ Type | Qty. | Order No. | WTR 4/ZZ STB Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WTR 4/ZZ | 50 | 1905090000 | WTR 4/ZZ STB | 50 | 1905100000 |
| Blue Wemid | | | | | | |
| Without isolator, Dark beige Wemid | | | | | | |
| Without STB | | | | | | |
| **Note** | | | | | | |

### Accessories

| | WTR 4/ZZ Type | current | Qty. | Order No. | WTR 4/ZZ STB Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | ZQV 4N/2 GE | 32 A | 60 | 1758250000 | ZQV 4N/2 GE | 32 A | 60 | 1758250000 |
| 3-pole | ZQV 4N/3 GE | 32 A | 60 | 1762630000 | ZQV 4N/3 GE | 32 A | 60 | 1762630000 |
| 4-pole | ZQV 4N/4 GE | 32 A | 60 | 1762620000 | ZQV 4N/4 GE | 32 A | 60 | 1762620000 |
| 10-pole | ZQV 4N/10 GE | 32 A | 20 | 1758260000 | ZQV 4N/10 GE | 32 A | 20 | 1758260000 |
| **End plate / Partition plate** | | Width | | | | Width | | |
| Dark beige Wemid | WAP WDU/WTR4/ZZ | 1.5 mm | 50 | 1905150000 | WAP WDU/WTR4/ZZ | 1.5 mm | 50 | 1905150000 |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | WS 12/5 | | | | WS 12/5 | | | |
| **Note** | | | | | | | | |

## WTR 4/ZR — 4 mm²

**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 |

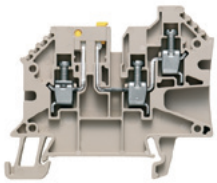
| Type | Qty. | Order No. |
|---|---|---|
| WTR 4/ZR | 50 | 1905080000 |

| 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 |

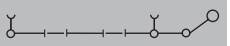
DEK 5/5 / WS 12/5

## WTR 4/ZR STB — 4 mm²

**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 |

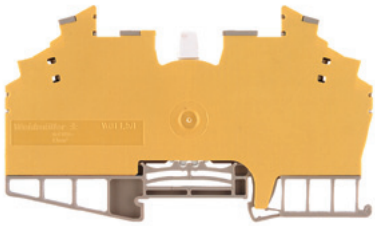
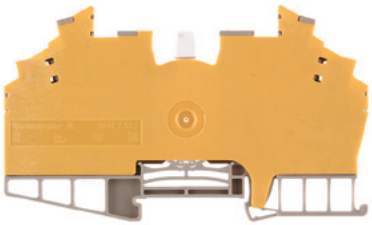
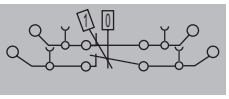
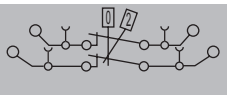
| Type | Qty. | Order No. |
|---|---|---|
| WTR 4/ZR STB | 50 | 1905110000 |

| 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 |

DEK 5/5 / WS 12/5

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.

| | | WDT 1.5/1 — 1.5 mm² | WDT 1.5/2 — 1.5 mm² |
|---|---|---|---|
| | | Disconnection lower level | Disconnection both levels |
| | |  |  |
| Width/Length/Height of lowest version | mm | 6.4 x 112 x 66.75  | 6.4 x 112 x 66.75  |
| max. current / max. cond. cross-section | A/mm² | **10 / 2.5** | **10 / 2.5** |
| Max. clamping range | mm² | **0.13...2.5** | **0.13...2.5** |

## Technical data

| | | WDT 1.5/1 | | | WDT 1.5/2 | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 250 | 300 (C) | 300 (D) | 250 | 300 (C) | 300 (D) |
| Rated current | A | 10 | 10 (C) | 10 (D) | 10 | 10 (C) | 10 (D) |
| Rated cross-section | mm² | 1.5 | AWG 22...14 | AWG 26...14 | 1.5 | AWG 22...14 | AWG 26...14 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...2.5 / 1.5...2.5 | | | 0.5...2.5 / 1.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | 0.5...1.5 / 0.5...1.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | ...2.5 | | | ...2.5 | | |
| Flexible / Flexible with ferrule | mm² | | | | | | |
| **Note** | | | | | | | |

## Ordering data

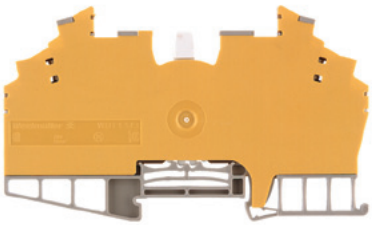
| Version | WDT 1.5/1 Type | Qty. | Order No. | WDT 1.5/2 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDT 1.5/1 DB/GE | 25 | **1015800000** | WDT 1.5/2 DB/GE | 25 | **1015900000** |
| Blue Wemid | | | | | | |
| Without isolator, Dark beige Wemid | | | | | | |
| Without STB | | | | | | |
| **Note** | | | | | | |

## Accessories

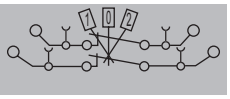
| | WDT 1.5/1 Type | current | Qty. | Order No. | WDT 1.5/2 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | |
| 2-pole | | | | | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| 10-pole | | | | | | | | |
| **End plate / Partition plate** | | | | | | | | |
| Dark beige Wemid | | | | | | | | |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **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 | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/6.5 / WS 8/5 | | | | DEK 5/6.5 / WS 8/5 | | | |
| **Note** | | | | | | | | |

## WDT 1.5/3 — 1.5 mm²

**Disconnection lower level or both levels**



6.4 x 112 x 66.75
**10 / 2.5**
**0.13...2.5**



IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 250 | 300 (C) | 300 (D) |
| 10 | 10 (C) | 10 (D) |
| 1.5 | AWG 22...14 | AWG 26...14 |
| 4 kV / 3 | | |
| A2 / V-2 | | |

| Rated connection |
|---|
| 0.5...2.5 / 1.5...2.5 |
| 0.5...1.5 / 0.5...1.5 |
| 0.4...0.6 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm |
| |
| ...2.5 |

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2.

| Type | Qty. | Order No. |
|---|---|---|
| WDT 1.5/3 DB/GE | 25 | 1016000000 |
| WDT 1.5/3 BL/HB | 25 | 1016160000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | Width | | |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |

DEK 5/6.5 / WS 8/5

## WDTR 2.5 — 2.5 mm²

**Double disconnect terminal**

6.2 x 94 x 69.5
**14 / 4**
**0.05...4**

IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 400 | 300 (C) | 300 (D) |
| 10 | 10 (C) | 10 (D) |
| 2.5 | AWG 26...12 | AWG 30...12 |
| 4 kV / 3 | | |
| A3 / 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 |

| Type | Qty. | Order No. |
|---|---|---|
| WDTR 2.5 | 25 | 9528070000 |
| WDTR 2.5 BL | 25 | 9528080000 |
| WDTR 2.5 O.STB | 25 | 1298020000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | Width | | |
| WEW 35/1 | 12 mm | 50 | 1059000000 |
| 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 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

## WDTR 2.5/WE — 2.5 mm²

6.2 x 81 x 69.5
**23 / 4**
**0.05...4**

IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 400 | | |
| 10 | | |
| 2.5 | | |
| 4 kV / 3 | | |
| A3 / 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 |

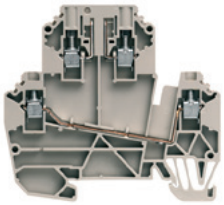
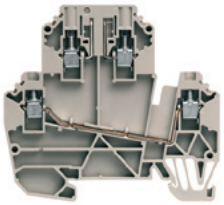
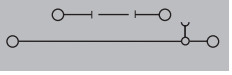
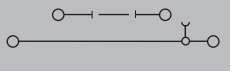
| Type | Qty. | Order No. |
|---|---|---|
| WDTR 2.5/WE | 25 | 9528090000 |
| WDTR 2.5/WE O.STB | 25 | 1297850000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | Width | | |
| WEW 35/1 | 12 mm | 50 | 1059000000 |
| 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 5/6 / WS 8/5

External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

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

| | | WDK 2.5/TR-DU 2.5 mm² | WDK 2.5/TR-DU/STB 2.5 mm² |
|---|---|---|---|
| | | NEW | NEW |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 72.5 x 67 | 5.1 x 72.5 x 67 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.5...4  | 0.5...4  |

## Technical data

| Rated data | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 690 | 300 (C) | 300 (C) | 690 | 300 (C) | 300 (C) |
| Rated current | A | 24 | 20 (C) | 20 (C) | 24 | 20 (C) | 20 (C) |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 30...12 | 2.5 | AWG 30...12 | AWG 30...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | | 0.5...1 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | / 0.6 x 3.5 mm | | | / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | | | | | | |
| Flexible / Flexible with ferrule | mm² | | | | | | |
| **Note** | | | | | | | |

## Ordering data

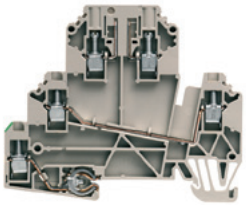
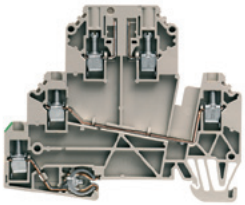
| Version | WDK 2.5/TR-DU Type | Qty. | Order No. | WDK 2.5/TR-DU/STB Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 2.5/TR-DU | 50 | 1247290000 | WDK 2.5/TR-DU STB | 50 | 1247310000 |
| Without isolator, Dark beige Wemid | WDK 2.5/TR-DU/o TNHE | 50 | 1833600000 | WDK 2.5/TR-DU/o TNHE StB | 50 | 1833610000 |
| **Note** | | | | | | |

## Accessories

| Screwable cross-connection | WDK 2.5/TR-DU Type | current | Qty. | Order No. | WDK 2.5/TR-DU/STB Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 2.5/2 | 32 A | 50 | 1053660000 | WQV 2.5/2 | 32 A | 50 | 1053660000 |
| 3-pole | WQV 2.5/3 | 32 A | 50 | 1053760000 | WQV 2.5/3 | 32 A | 50 | 1053760000 |
| 4-pole | WQV 2.5/4 | 32 A | 50 | 1053860000 | WQV 2.5/4 | 32 A | 50 | 1053860000 |
| 10-pole | WQV 2.5/10 | 32 A | 20 | 1054460000 | WQV 2.5/10 | 32 A | 20 | 1054460000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK 2.5N/TR-DU | 1.5 mm | 50 | 1839850000 | WAP WDK 2.5N/TR-DU | 1.5 mm | 50 | 1839850000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |

| Identification systems (see assortment in catalogue 7) | WDK 2.5/TR-DU | WDK 2.5/TR-DU/STB |
|---|---|---|
| Marking tags | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | |

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

| | | WDK 2.5/TR-DU-PE | WDK 2.5/TR-DU-PE/STB |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | NEW | NEW |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.1 x 80.5 x 67 | 5.1 x 80.5 x 67 |
| max. current / max. cond. cross-section | A/mm² | / 4 | / 4 |
| Max. clamping range | mm² | 0.5...4 | 0.5...4 |

## Technical data

| Rated data | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 690 | 300 (C) | 300 (C) | 690 | 300 (C) | 300 (C) |
| Rated current | A | 24 | 20 (C) | 20 (C) | 24 | 20 (C) | 20 (C) |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 30...12 | 2.5 | AWG 30...12 | AWG 30...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / V-0 | | | A2 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | | 0.5...1 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | / 0.6 x 3.5 mm | | | / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | | | | | | |
| Flexible / Flexible with ferrule | mm² | | | | | | |
| **Note** | | | | | | | |

## Ordering data

| Version | WDK 2.5/TR-DU-PE Type | Qty. | Order No. | WDK 2.5/TR-DU-PE/STB Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 2.5/TR-DU-PE | 50 | 1247420000 | WDK 2.5/TR-DU-PE STB | 50 | 1247430000 |
| Without isolator, Dark beige Wemid | WDK 2.5/TR-DU-PE/o TNHE | 50 | 1833640000 | WDK 2.5/TR-DU-PE/o TNHE StB | 50 | 1833670000 |
| **Note** | | | | | | |

## Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 2.5/2 | 32 A | 50 | 1053660000 | WQV 2.5/2 | 32 A | 50 | 1053660000 |
| 3-pole | WQV 2.5/3 | 32 A | 50 | 1053760000 | WQV 2.5/3 | 32 A | 50 | 1053760000 |
| 4-pole | WQV 2.5/4 | 32 A | 50 | 1053860000 | WQV 2.5/4 | 32 A | 50 | 1053860000 |
| 10-pole | WQV 2.5/10 | 32 A | 20 | 1054460000 | WQV 2.5/10 | 32 A | 20 | 1054460000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK 2.5N/TR-DU | 1.5 mm | 50 | 1839850000 | WAP WDK 2.5N/TR-DU | 1.5 mm | 50 | 1839850000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |

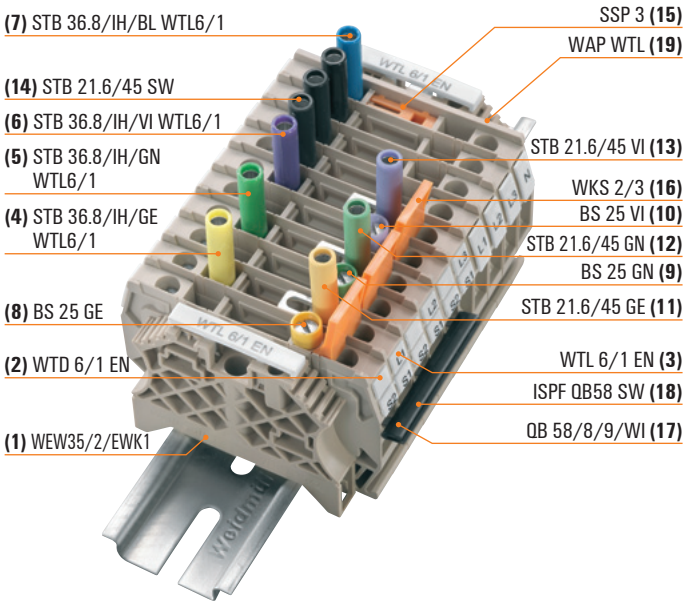
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | |

# 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.

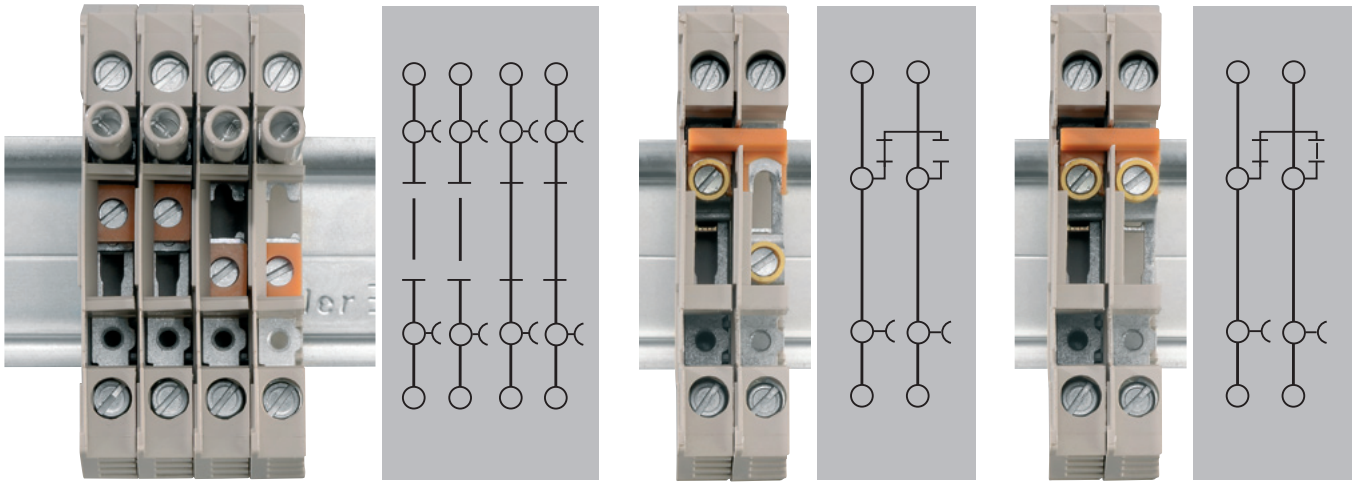
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



STB 21.6/45

VH 16

WAP WTL



## Example transformer using WTL 6/1 EN

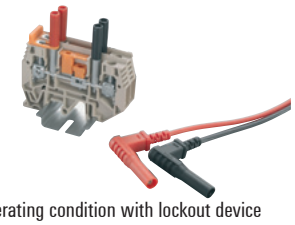
### Ordering data

| 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 |

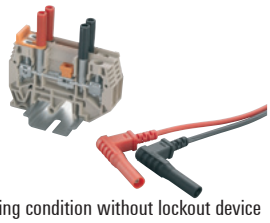
Additionally available for a shared k-point:

| Pos. | Type | Order No. | Order No. | Qty. |
|---|---|---|---|---|
| 21 | QB 58*angled | 0545300000 | 0545300000 | 1 |
| 22 | ISPFQB58SW* | 0546000000 | 0546000000 | 1 |

* Shorten to 5 poles

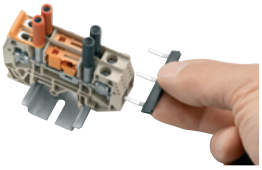


Operating condition with lockout device



Operating condition without lockout device

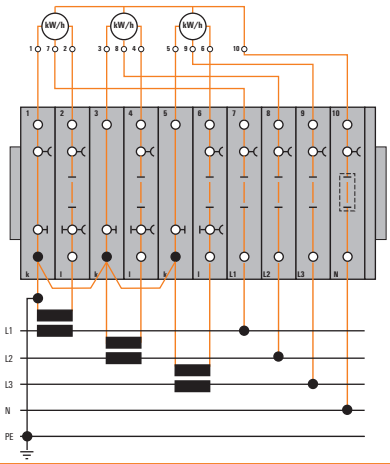
Testing condition with open disconnecting slider



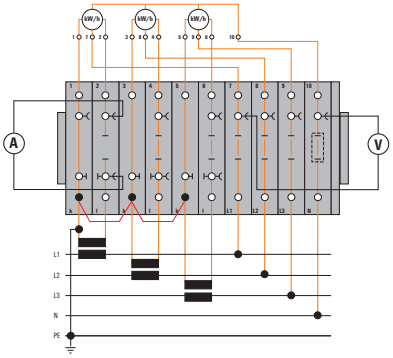
External cross-bridges

### Operating status

(with external distribution of k-point)



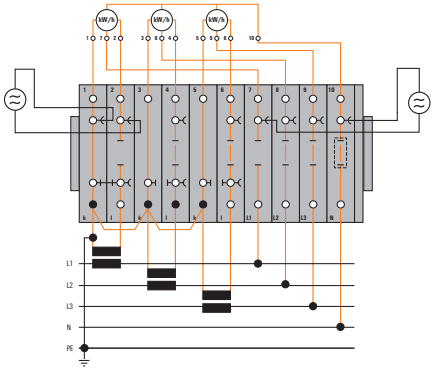

### Comparison measurement for L1




**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.

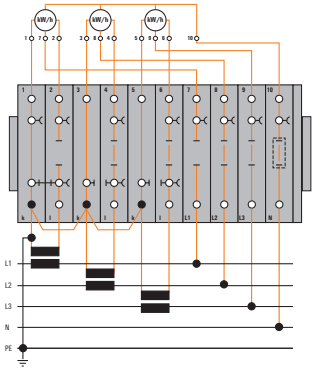
### Meter test for L1 through external power supply




**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:**

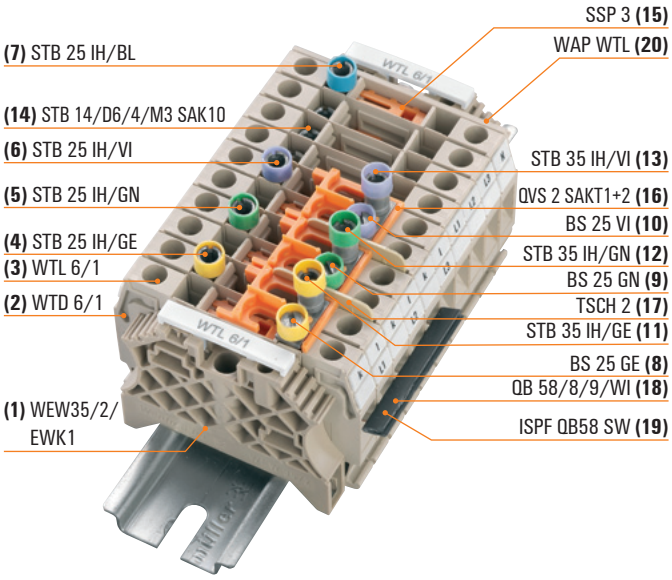
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

# 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.

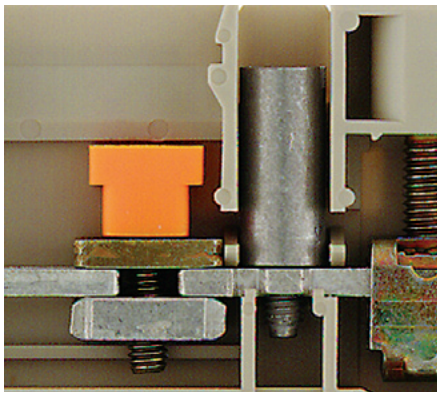
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



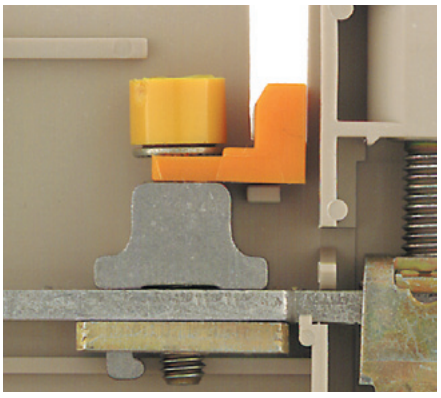
STB 35 IH/SW

VH 19

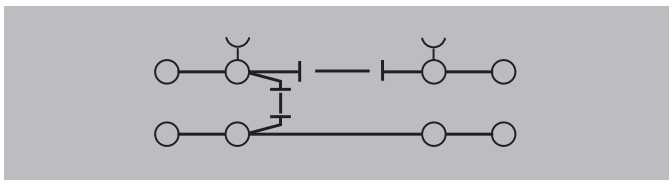
WAP WTL



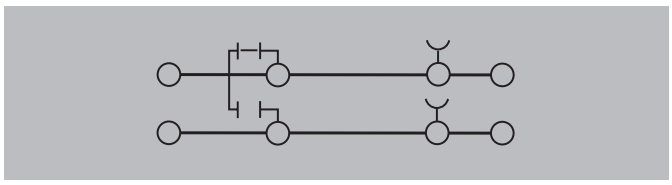
Sliding disconnector is easy to use (WTL 6/1)



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

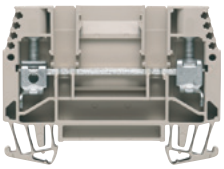
### Ordering data

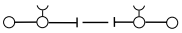
| Pos. | Type | Order No. | Qty. |
|---|---|---|---|
| 1 | WEW35/2/EWK1 | 1061200000 | 2 |
| 2 | WTD 6/1 | 1017100000 | 3 |
| 3 | WTL 6/1 | 1016700000 | 7 |
| 4 | STB 25 IH/GE | 0267200000 | 1 |
| 5 | STB 25 IH/GN | 0271200000 | 1 |
| 6 | STB 25 IH/VI | 0271300000 | 1 |
| 7 | STB 25 IH/BL | 0343400000 | 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/WI | 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:

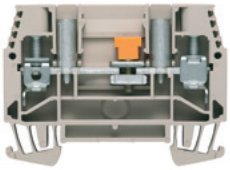
| Pos. | Type | Order No. | Order No. | Qty. |
|---|---|---|---|---|
| 21 | QB 58*angled | 0545300000 | 0545300000 | 1 |
| 22 | ISPFQB58SW* | 0546000000 | 0546000000 | 1 |

* Shorten to 5 poles





**WTD 6/1**

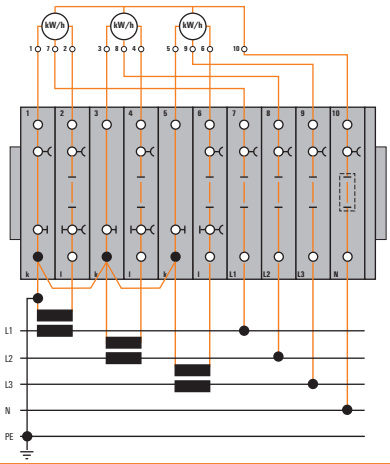




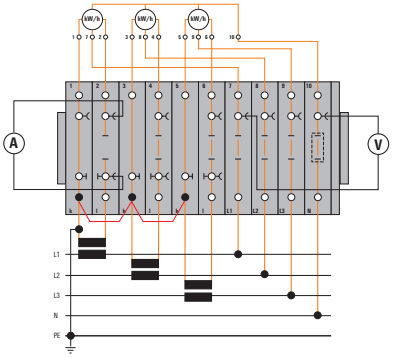
**WTL 6/1**

### Operating status

(with external distribution of k-point)



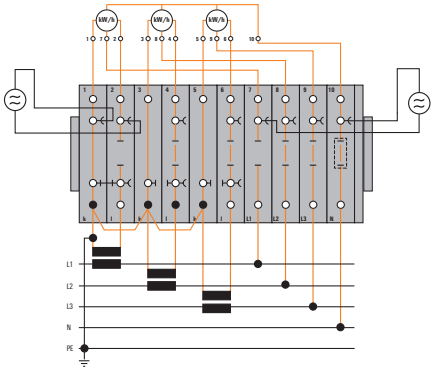
### Comparison measurement for L1



**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.

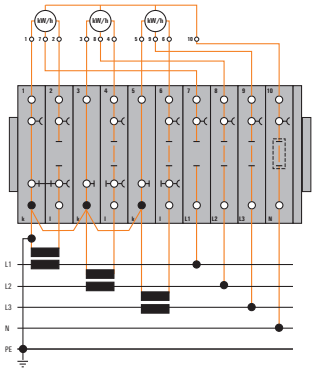
### Meter test for L1 through external power supply



**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.

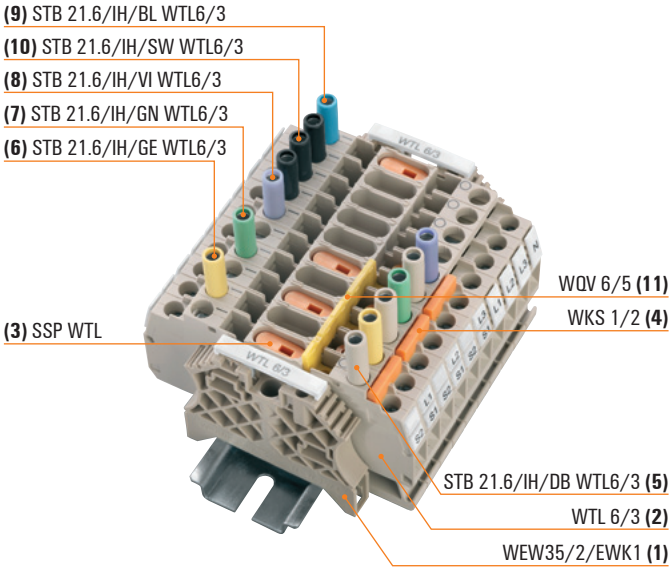
# Convenient test-disconnect terminals WTL 6/2, WTL 6/3

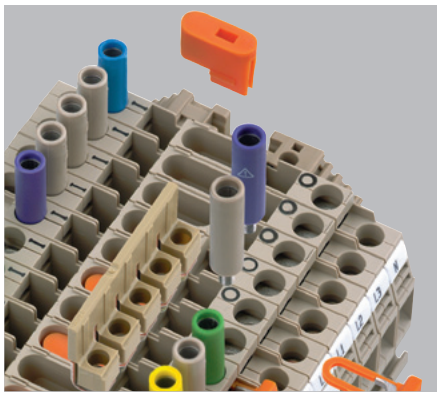
All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

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.

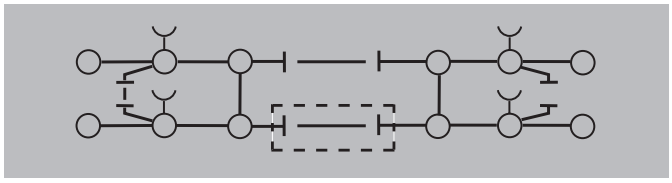
Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.

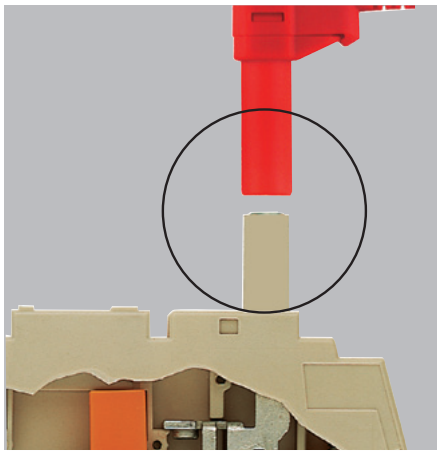


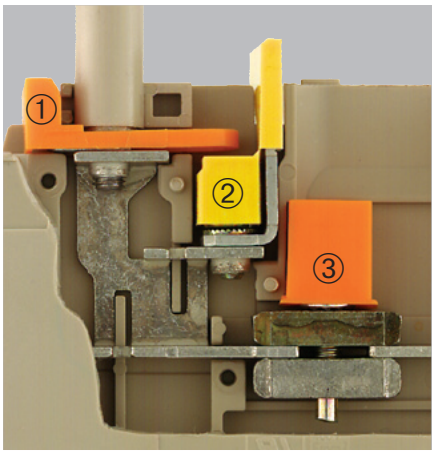
Optimised accessories for all circuit variations



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

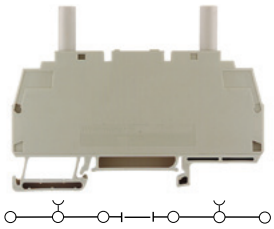
| Pos. | Type | Order No. | Order No. | Qty. |
|---|---|---|---|---|
| 1 | WEW35/2/EWK1 | 1061200000 | 0206160000 | 2 |
| 2 | WTL 6/3 | 1018800000 | 1018900000 | 10 |
| 3 | SSP WTL | 1604200000 | 1604200000 | 4 |
| 4 | WKS 1/2 | 1604270000 | 1604270000 | 3 |

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

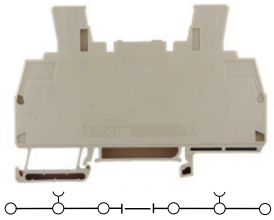
| Pos. | Type | Order No. | Order No. | Qty. |
|---|---|---|---|---|
| 5 | STB 21.6/IH/DB WTL6/3 | 1071000000 | 1071000000 | 7 |
| 6 | STB 21.6/IH/GE WTL6/3 | 1071010000 | 1071010000 | 2 |
| 7 | STB 21.6/IH/GN WTL6/3 | 1071020000 | 1071020000 | 2 |
| 8 | STB 21.6/IH/VI WTL6/3 | 1071030000 | 1071030000 | 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

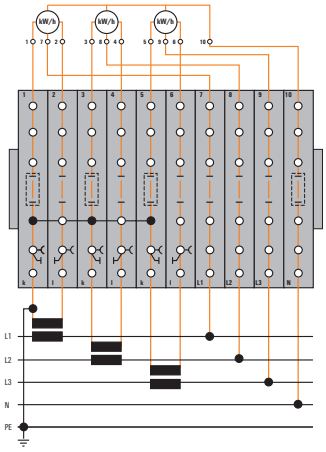


WTL 6/2

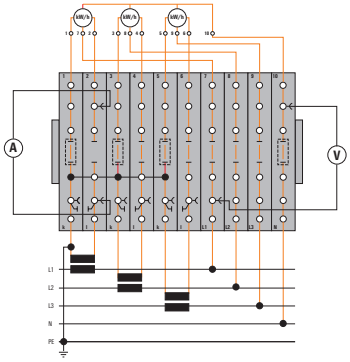
**The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.**

### Operating status

(with internal distribution of the k-point)



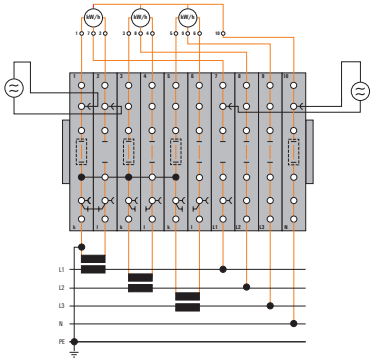
### Comparison measurement for L1



**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.

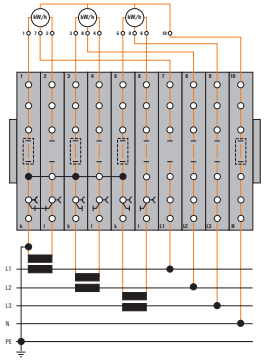
### Meter test for L1 through external power supply



**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:**

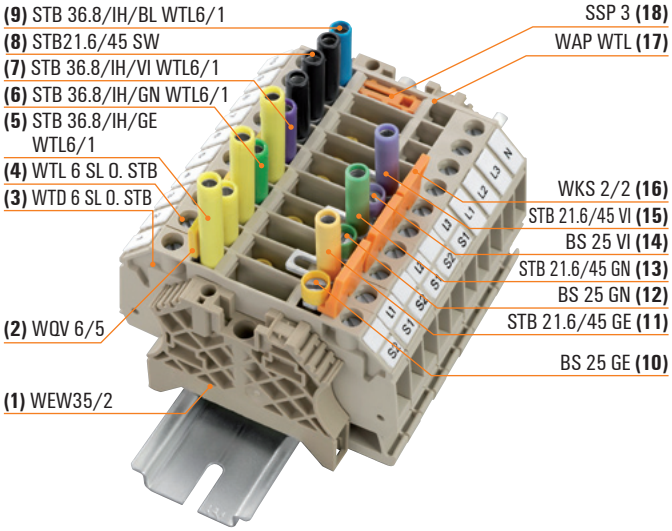
1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

# 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.



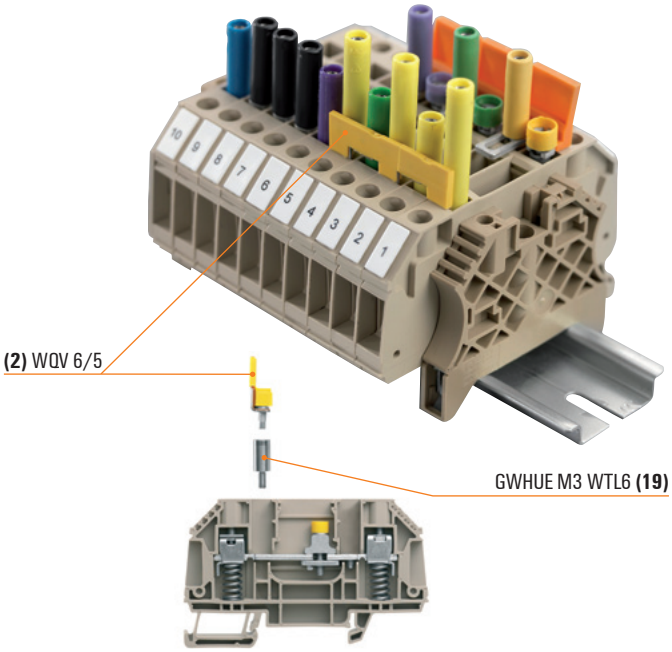


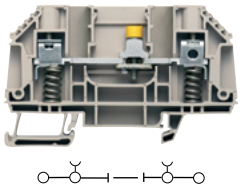

STB 21.6/45 DB

VH 19

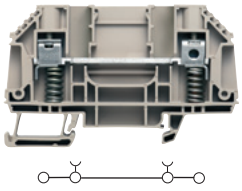
WAP WTL6 SL

**Example transformer using WTL 6 SL / WTD 6 SL**



WTL 6 SL o. StB



WTD 6 SL o. StB

## Ordering data

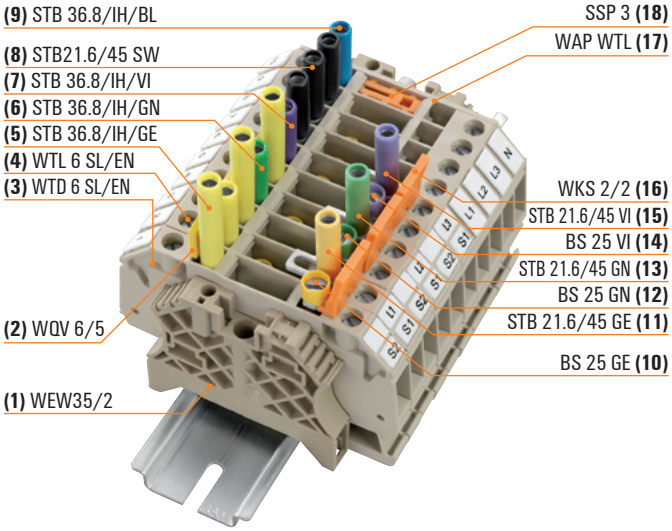
| Pos. | Type | Order No. | Qty. |
|---|---|---|---|
| 1 | WEW35/2 | 1061200000 | 2 |
| 2 | WQV 6/5 | 1062660000 | 1 |
| 3 | WTD 6 SL O. STB | 1238920000 | 3 |
| 4 | WTL 6 SL O. STB | 1238930000 | 7 |
| 5 | STB 36.8/IH/GE WTL6/1 | 1847760000 | 4 |
| 6 | STB 36.8/IH/GN WTL6/1 | 1847770000 | 1 |
| 7 | 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.



STB 21.6/45 DB

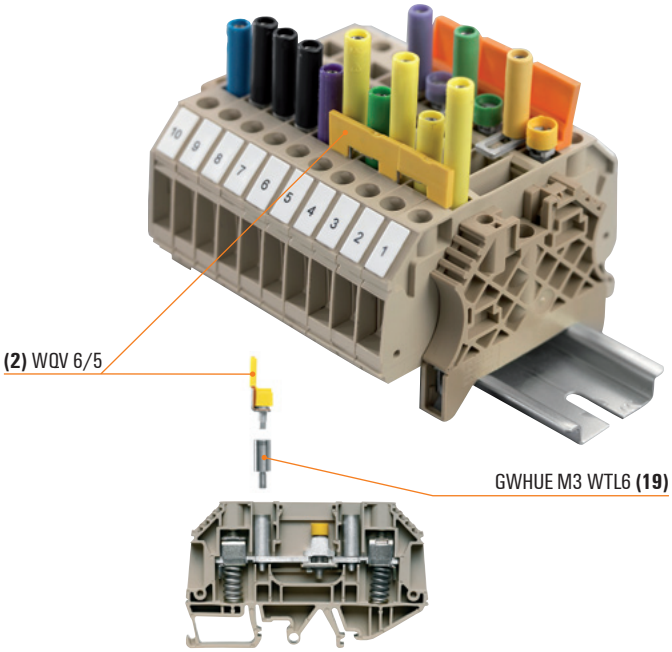
VH 19

WAP WTL6 SL

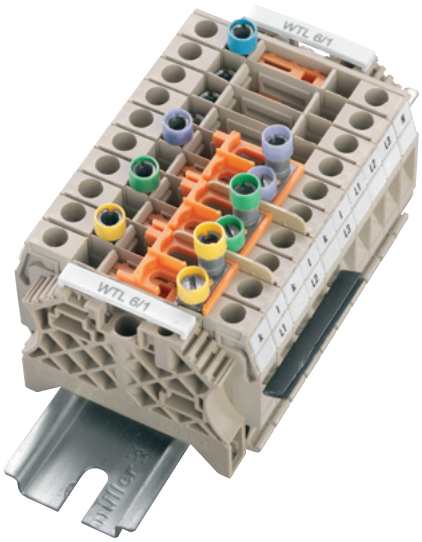
**Example transformer using WTL 6 SL EN / WTD 6 SL EN**

**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 |



## Accessories for test-disconnect terminals WTL 6/1




### 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.

### 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.

| Type | Qty. | Order No. |
|---|---|---|
| SSP 3 | 100 | **0531760000** |
| SSP WTL | 100 | **1604200000** |

**To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.**

## QVS 1

### Cross-connection slider

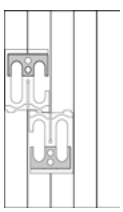
QVS QVS QVSK 2 QVS 2S

| 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.

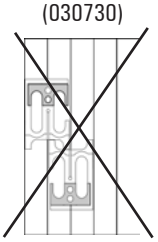
QVS 2 placed opposite each other cannot be switched.

**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** | | | |
| 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

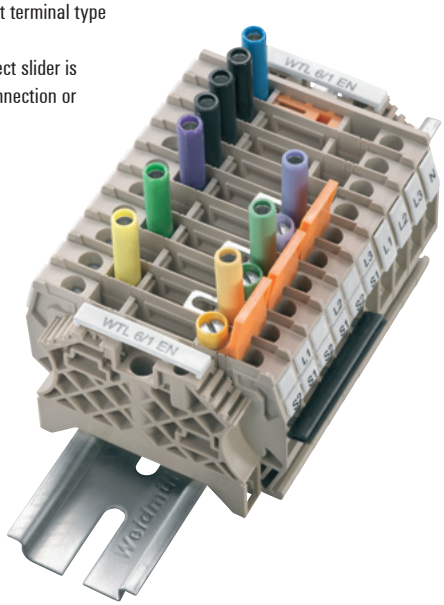
Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WLT 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage 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

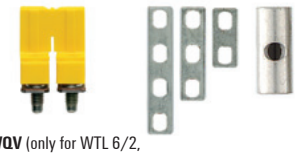
For sockets diameter 4 mm, for loads up to 44 A.




## BS / VH

| Type | Colour | Qty. | Order No. |
|---|---|---|---|
| **Fixing screws** | | | |
| 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** |
| **STB 25** | | | |
| 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** |
| **Connecting sleeves** | | | |
| VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy) | | 50 | **0309700000** |
| **STB 36.8** | | | |
| 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. |
|---|---|---|---|
| **WQV** | | | |
| 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** |
| **QL** | | | |
| 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** |
| **Connecting sleeves** | | | |
| VH 12 E-Cu 57 (copper alloy) | | 100 | **0249000000** |

## WKS / WKB

**WKS** **WKB**

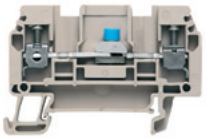
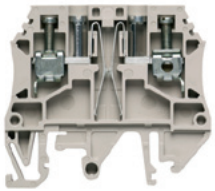
| Type | No. of poles | Qty. | Order No. |
|---|---|---|---|
| **WQV** | | | |
| WKB 1/2 | 2 | 50 | **1604280000** |
| WKB 1/3 | 3 | 50 | **1604300000** |
| WKB 1/4 | 4 | 50 | **1604320000** |
| WKB 1/10 | 10 | 20 | **1604330000** |
| **WKS** | | | |
| WKS 1/2 | 2 | 50 | **1604270000** |
| WKS 1/3 | 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. |
|---|---|---|---|
| **WQV** | | | |
| QS 2 x = 8 mm, y = 16 mm | 2 | 20 | **0270960000** |
| QS 2 x = 10 mm, y = 20 mm | 2 | 20 | **0270860000** |
| QS 2 x = 12 mm, y = 20 mm | 2 | 20 | **0270760000** |

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.

| | | WTL 4 | 4 mm² | WTL 4/2 | 4 mm² |
|---|---|---|---|---|---|
| | | | | Enforced short-circuit function | |
| | |  | |  | |
| Width/Length/Height of lowest version | mm | 6.1 x 61.3 x 40.7 | | 6 x 56.5 x 50 | |
| max. current / max. cond. cross-section | A/mm² | 41 / 6 | | 11 / 6 | |
| Max. clamping range | mm² | 0.13...6 | | 0.13...6 | |

## Technical data

| | | WTL 4 | | | WTL 4/2 | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 500 | 300 (C) | 300 (D) | 500 | 300 (D) | 150 (C) |
| Rated current | A | 32 | 28 (C) | 10 (D) | 10 | 8 (D) | 8 (C) |
| Rated cross-section | mm² | 4 | AWG 26...10 | 4 | 4 | AWG 26...10 | 4 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A4 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...6 / 1.5...4 | | | 0.5...6 / 1.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | 0.5...6 / 0.5...4 | | |
| Tightening torque range (terminal screw) | | 0.4...0.7 Nm (M 2.5) | | | 0.5...0.8 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Use as a disconnect terminal with 500 V. | | | 2 wires can be connected; similar to the WDU 4N. | | |

## Ordering data

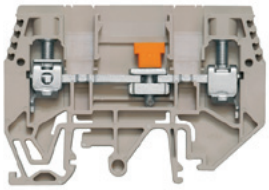
| Version | WTL 4 Type | Qty. | Order No. | WTL 4/2 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Without socket | | | | | | |
| with socket | WTL 4/STB | 50 | 1754970000 | WTL 4/2 STB | 50 | 1881650000 |
| **Note** | | | | | | |

## Accessories

| | WTL 4 Type | current | Qty. | Order No. | WTL 4/2 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | WQV 4/2 | 32 A | 50 | 1051960000 | | | | |
| 3-pole | WQV 4/3 | 32 A | 50 | 1054560000 | | | | |
| 4-pole | WQV 4/4 | 32 A | 50 | 1054660000 | | | | |
| 10-pole | WQV 4/10 | 41 A | 20 | 1052060000 | | | | |
| **End plate / Partition plate** | | Width | | | | Width | | |
| Dark beige Wemid | ZAP/TW 1 | 2 mm | 50 | 1608740000 | WAP WTL4/2 | 2 mm | 50 | 1881640000 |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Cross-connection slider** | | current | | | | | | |
| 2-pole | QVS 2/4 SAKT4 | 32 A | 20 | 1319260000 | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| Connecting sleeve for QVS | | | | | | | | |
| Mounting screw for QVS | BFSC M3X22 SAKT4 | | 50 | 1319900000 | | | | |
| **Testing / Checking** | | Width | | | | | | |
| Standard | | | | | WTA 8 TN | 6 mm | 25 | 1915450000 |
| Test plug | PS 2.3 RT | 5.4 mm | 20 | 0180400000 | | | | |
| Socket - blue | | | | | | | | |
| Socket - yellow | | | | | | | | |
| Socket - green | | | | | | | | |
| Socket - magenta | | | | | | | | |
| Socket | STB 8.5/5/2.3/M3 SAK2.5 | | 50 | 0280600000 | | | | |
| Socket - blue | | | | | | | | |
| Socket - yellow | | | | | | | | |
| Socket - green | | | | | | | | |
| **Miscellaneous accessories** | | | | | | | | |
| Lockout device | | | | | | | | |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/6 | | | | WS 12/6 | | | |
| **Note** | | | | | 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 mm²

**Longitudinal - disconnector**



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 |

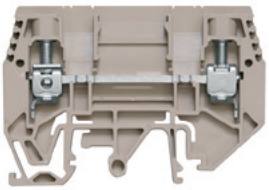
Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

| Type | Qty. | Order No. |
|---|---|---|
| WTL 6/1 EN | 50 | 1934810000 |
| WTL 6/1 EN STB | 50 | 1934820000 |
| 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 |
| 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 | | | |

## WTD 6/1 EN — 6 mm²

**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 |

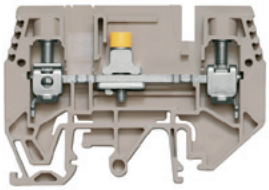
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

| Type | Qty. | Order No. |
|---|---|---|
| WTD 6/1 EN | 50 | 1934830000 |
| | | |
| TS32 version on request | | |

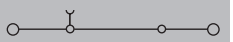
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 6/2 | 57 A | 50 | 1052360000 |
| WQV 6/3 | 57 A | 50 | 1054760000 |
| WQV 6/4 | 57 A | 50 | 1054860000 |
| WQV 6/10 | 57 A | 20 | 1052260000 |
| | **Width** | | |
| WAP WTL6/1 EN | 1.5 mm | 20 | 1957710000 |
| WTW WTL6/1 DB | 1.5 mm | 20 | 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 |
| 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 | | | |

## WTQ 6/1 EN — 6 mm²

**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. |
|---|---|---|
| WTQ 6/1 EN | 50 | 1934790000 |
| WTQ 6/1 EN STB | 50 | 1934800000 |
| TS32 version on request | | |

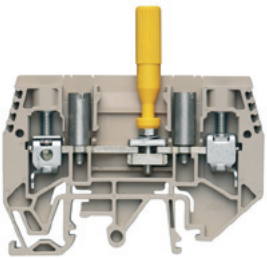
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 6/2 | 57 A | 50 | 1052360000 |
| WQV 6/3 | 57 A | 50 | 1054760000 |
| WQV 6/4 | 57 A | 50 | 1054860000 |
| WQV 6/10 | 57 A | 20 | 1052260000 |
| | **Width** | | |
| WAP WTL6/1 EN | 1.5 mm | 20 | 1957710000 |
| WTW WTL6/1 DB | 1.5 mm | 20 | 1068400000 |
| | | | |
| WEW 35/2 | 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 |
| 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 | | | |

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.

## WTL 6/1/STB/TNSC/EN — 6 mm²

**Longitudinal separator**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 7.9 x 65 x 66.5 |
| max. current / max. cond. cross-section | A/mm² | **57 / 10** |
| Max. clamping range | mm² | **0.5...10** |

## Technical data

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 630 | 300 (C) | 300 (C) |
| Rated current | A | 41 | 45 (C) | 45 (C) |
| Rated cross-section | mm² | 6 | AWG 20...8 | 6 |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A5 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...10 / 1.5... | | |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | | |
| Tightening torque range (terminal screw) | | 1...1.6 Nm (M 3.5) | | |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | | |
| **Note** | | Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Without socket | WTL 6/1/TNSC/EN | 50 | **1345280000** |
| with socket | WTL 6/1/STB/TNSC/EN | 50 | **1938820000** |
| **Note** | TS32 version on request | | |

## Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | WQV 6/2 | 57 A | 50 | **1052360000** |
| 3-pole | WQV 6/3 | 57 A | 50 | **1054760000** |
| 4-pole | WQV 6/4 | 57 A | 50 | **1054860000** |
| 10-pole | WQV 6/10 | 57 A | 20 | **1052260000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP WTL6/1 EN | 1.5 mm | 20 | **1957710000** |
| Dark beige Wemid | WTW WTL6/1 DB | 1.5 mm | 20 | **1068400000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Cross-connection slider** | | **current** | | |
| 2-pole | WKS 2/2 | | 50 | **1936140000** |
| 3-pole | WKS 2/3 | | 50 | **1936150000** |
| 4-pole | WKS 2/4 | | 50 | **1936160000** |
| Connecting sleeve for QVS | VH 16/5/3.5 SAK10-35 | | 50 | **0309700000** |
| Mounting screw for QVS | | | | |
| **Testing / Checking** | | **Width** | | |
| Standard | | | | |
| Test plug | | | | |
| Socket - blue | STB 21.6/45 BL | 6.1 mm | 50 | **1936290000** |
| Socket - yellow | STB 21.6/45 GE | 6.1 mm | 50 | **1936240000** |
| Socket - green | STB 21.6/45 GN | 6.1 mm | 50 | **1936250000** |
| Socket - magenta | | | | |
| Socket | STB 14/D6/4/M3 SAK10 | | 500 | **2012420000** |
| Socket - blue | | | | |
| Socket - yellow | | | | |
| Socket - green | | | | |
| **Miscellaneous accessories** | | | | |
| Lockout device | | | | |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/8 / WS 12/8 | | | |
| **Note** | | | | |

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

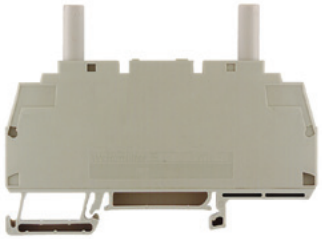
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## WTL 6/2 — 6 mm²

**Longitudinal - disconnector**

## WTL 6/3 — 6 mm²

**Longitudinal - disconnector**



| | | WTL 6/2 | WTL 6/3 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 8 x 87 x 62 | 7.9 x 87 x 65 |
| max. current / max. cond. cross-section | A/mm² | **57 / 10** | **57 / 10** |
| Max. clamping range | mm² | **0.5...10** | **0.5...10** |

## Technical data

| | | WTL 6/2 | WTL 6/3 |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 500 / 300 (C) / 300 (C) | 500 / 300 (C) / 300 (C) |
| Rated current | A | 41 / 45 (C) / 45 (C) | 41 / 45 (C) / 45 (C) |
| Rated cross-section | mm² | 6 / AWG 20...8 / 6 | 6 / AWG 20...8 / 6 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A5 / V-0 | A5 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...10 / 1.5...10 | 0.5...10 / 1.5...10 |
| Flexible / Flexible with ferrule | mm² | 0.5...10 / 0.5...6 | 0.5...10 / 0.5...6 |
| Tightening torque range (terminal screw) | | 1...1.6 Nm (M 3.5) | (M 3.5) |
| Stripping length / Blade size | mm/- | 12 / 4.0 x 0.8 mm | 12 / 4.0 x 0.8 mm |
| **Note** | | Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm. | |

## Ordering data

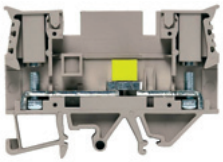
| Version | WTL 6/2 Type | Qty. | Order No. | WTL 6/3 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Without socket | | | | WTL 6/3 | 50 | **1018800000** |
| with socket | WTL 6/2 | 50 | **1017700000** | WTL 6/3/STB | 50 | **1018600000** |
| **Note** | TS32 versions on request | | | TS32 versions on request | | |

## Accessories

| | WTL 6/2 Type | current | Qty. | Order No. | WTL 6/3 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | WQV 6/2 | 57 A | 50 | **1052360000** | WQV 6/2 | 57 A | 50 | **1052360000** |
| 3-pole | WQV 6/3 | 57 A | 50 | **1054760000** | WQV 6/3 | 57 A | 50 | **1054760000** |
| 4-pole | WQV 6/4 | 57 A | 50 | **1054860000** | WQV 6/4 | 57 A | 50 | **1054860000** |
| 10-pole | WQV 6/10 | 57 A | 20 | **1052260000** | WQV 6/10 | 57 A | 20 | **1052260000** |
| **End plate / Partition plate** | | | | | | | | |
| Dark beige Wemid | | | | | | | | |
| Dark beige Wemid | | | | | | | | |
| **End bracket** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Cross-connection slider** | | **current** | | | | **current** | | |
| 2-pole | WKS 1/2 | | 50 | **1604270000** | WKS 1/2 | | 50 | **1604270000** |
| 3-pole | WKS 1/3 | | 50 | **1604290000** | WKS 1/3 | | 50 | **1604290000** |
| 4-pole | WKS 1/4 | | 50 | **1604310000** | WKS 1/4 | | 50 | **1604310000** |
| Connecting sleeve for QVS | | | | | | | | |
| Mounting screw for QVS | | | | | | | | |
| **Testing / Checking** | | **Width** | | | | **Width** | | |
| Standard | | | | | | | | |
| Test plug | PS 4 F.STB 4 | 7.6 mm | 20 | **0299600000** | PS 4 F.STB 4 | 7.6 mm | 20 | **0299600000** |
| Socket - blue | | | | | STB 21.6/IH/BL WTL6/3 | 6.2 mm | 50 | **1071080000** |
| Socket - yellow | | | | | STB 21.6/IH/GE WTL6/3 | 6.2 mm | 50 | **1071010000** |
| Socket - green | | | | | STB 21.6/IH/GN WTL6/3 | 6.2 mm | 50 | **1071020000** |
| Socket - magenta | | | | | STB 21.6/IH/VI WTL6/3 | 6.2 mm | 50 | **1071030000** |
| Socket | | | | | | | | |
| Socket - blue | | | | | | | | |
| Socket - yellow | | | | | | | | |
| Socket - green | | | | | | | | |
| **Miscellaneous accessories** | | | | | | | | |
| Lockout device | SSP WTL6/2 | | 100 | **1604200000** | SSP WTL6/2 | | 100 | **1604200000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/8 / WS 12/8 | | | | DEK 5/8 / WS 12/8 | | | |
| **Note** | For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter. | | | | For additional test and isolating terminal blocks accessories, refer to the "Accessories" chapter. | | | |

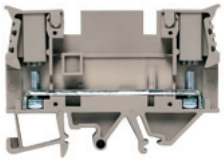
## WTL 6/4 FF

**Longitudinal - disconnector**

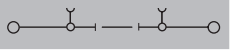


## WTD 6/4 FF

**Feed-through**



| | | WTL 6/4 FF | WTD 6/4 FF |
|---|---|---|---|
| Width/Length/height | mm | 11 x 76.5 x 52 | 11 x 76.5 x 52 |
| Max. current / max. cond. cross-section | A/mm² | **41 / 6** | **41 / 6** |
| Max. clamping range | mm² | **0.13 ... 6** | **0.13 ... 6** |



## Technical data

IEC 60947-7-1 / VDE 0100-537

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated voltage | V | 800 | 600 | 600 | |
| | | 500 V when used as test-disconnect terminal | | | |
| Rated current | A | 41 | 30 | 30 | |
| Rated cross-section | mm² | 6 | AWG 26 ...10 | AWG 26...10 | |
| Tightening torque range clamping screw / isolator | Nm | 1.2 ... 1.9 / 0.5 ... 0.8 | | | |
| Approvals | | IEC | | | |
| **Note** | | | | | |

IEC 60947-7-1 / VDE 0100-537

| Rated data | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| Rated voltage | V | 800 | 600 | 600 | |
| | | 500 V when used as test-disconnect terminal | | | |
| Rated current | A | 41 | 30 | 30 | |
| Rated cross-section | mm² | 6 | AWG 26 ...10 | AWG 26...10 | |
| Tightening torque range clamping screw / isolator | Nm | 1.2 ... 1.9 | | | |
| Approvals | | IEC | | | |
| **Note** | | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| | WTL 6/4 FF | 50 | **1887210000** |
| **Note** | Insulated cable lugs | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| | WTD 6/4 FF | 50 | **1887220000** |
| **Note** | Insulated cable lugs | | |

## Accessories

| | | Type | Qty. | Order No. |
|---|---|---|---|---|
| **Cross-connection** | | | | |
| ZQV: pluggable cross-connection | 2-pole | ZQV 10/2 | 25 | **1739680000** |
| **End plate / partition** | | | | |
| Dark beige Wemid | | WAP WTL6/4FF | 20 | **1887240000** |
| **End bracket** | | | | |
| | | EWK 1/TS 32 | 100 | **0206160000** |
| | | WEW 35/2 / TS 35 | 100 | **1061200000** |
| | | EW 35 /SCHA/M3 | 100 | **0258660000** |
| **Screw** | | | | |
| | | BS M3x20 | | **0303000000** |
| **Joint ferrule** | | | | |
| | | VH 13.5 | | **0248500000** |
| **Cross-connection tabs** | | | | |
| | | 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** |
| **Cross-connection** | | | | |
| | | 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** |
| **Insulating sleeve** | | | | |
| | | DS 13.5 WTL 6/4 | | **1897000000** |
| **Cross-connection plug** | | | | |
| | | QS 2 (2-pole) | | **0270760000** |
| **Cable lug** | | | | |
| | | LIR 1.5 M4 V | | **9200090000** |
| | | LIR 2.5 M4 V | | **9200170000** |
| | | LIR 6 M4 V | | **9200230000** |
| **Tools** | | | | |
| Screwdriver | | SDI 0.8 x 4.0 | | **9008400000** |
| | | SD 0.8 x 4.0 | | **9008340000** |
| | | SDIZ 0.8 x 5.5 | | **9008640000** |
| Crimping tools | | CTI 6 | | **9006120000** |
| **Marking systems** | | | | |
| | Marking tags | WS 10/5 / DEK 5 | | |
| For detailed information on other accessories and applications, refer to the "Accessories" section. | | For additional test-disconnect terminal accessories, refer to the Accessories Chapter. | | |

| | | Type | Qty. | Order No. |
|---|---|---|---|---|
| **Cross-connection** | | | | |
| ZQV: pluggable cross-connection | 2-pole | ZQV 10/2 | 25 | **1739680000** |
| **End plate / partition** | | | | |
| Dark beige Wemid | | WAP WTL6/4FF | 20 | **1887240000** |
| **End bracket** | | | | |
| | | EWK 1/TS 32 | 100 | **0206160000** |
| | | WEW 35/2 / TS 35 | 100 | **1061200000** |
| | | EW 35 /SCHA/M3 | 100 | **0258660000** |
| **Screw** | | | | |
| | | BS M3x20 | | **0303000000** |
| **Joint ferrule** | | | | |
| | | VH 13.5 | | **0248500000** |
| **Cross-connection tabs** | | | | |
| | | 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** |
| **Cross-connection** | | | | |
| | | 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** |
| **Insulating sleeve** | | | | |
| | | DS 13.5 WTL 6/4 | | **1897000000** |
| **Cross-connection plug** | | | | |
| | | QS 2 (2-pole) | | **0270760000** |
| **Cable lug** | | | | |
| | | LIR 1.5 M4 V | | **9200090000** |
| | | LIR 2.5 M4 V | | **9200170000** |
| | | LIR 6 M4 V | | **9200230000** |
| **Tools** | | | | |
| Screwdriver | | SDI 0.8 x 4.0 | | **9008400000** |
| | | SD 0.8 x 4.0 | | **9008340000** |
| | | SDIZ 0.8 x 5.5 | | **9008640000** |
| Crimping tools | | CTI 6 | | **9006120000** |
| **Marking systems** | | | | |
| | Marking tags | WS 10/5 / DEK 5 | | |
| For detailed information on other accessories and applications, refer to the "Accessories" section. | | 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.

## WTR 35 E — 35 mm²

| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 32 x 100 x 68 |
| max. current / max. cond. cross-section | A/mm² | **125 / 35** |
| Max. clamping range | mm² | **4...35** |

## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 24 | | |
| Rated current | A | 125 | | |
| Rated cross-section | mm² | 35 | | |
| Rated impulse withstand voltage / Pollution severity | | | 0.8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | B9 / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection |
|---|---|---|
| Solid / stranded | mm² | 4...16 / 10...35 |
| Flexible / Flexible with ferrule | mm² | 4...35 / 4...35 |
| Tightening torque range (terminal screw) | | 4 Nm (M 6) |
| Stripping length / Blade size | mm/- | 18 / 1.2 x 6.5 mm |
| **Note** | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid, 24 V | WTR 35 E | 5 | **1045970000** |
| **Note** | | | |

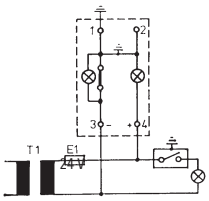
## Accessories

| End bracket | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Screwdriver** | | | | |
| Standard | SDS 1.2X6.5X150 | | 1 | **9009010000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | WS 12/6 |
| **Note** | | |

## Operation mode

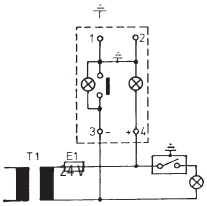
### Operating mode




- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

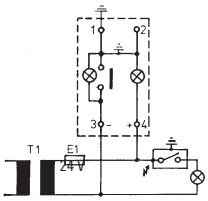
### Test position

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

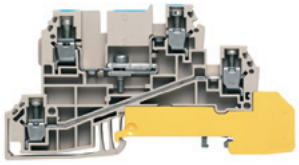
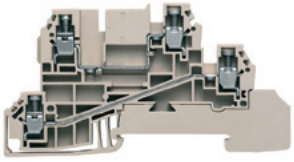
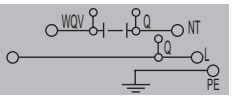
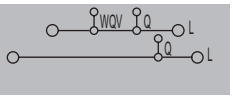



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

## Distribution terminal with WQV

N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnector 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.

| | | WDL 2.5/NT/L/PE | 2.5 mm² | WDL 2.5/L/L | 2.5 mm² |
|---|---|---|---|---|---|
| | |  | |  | |
| Width/Length/Height of lowest version | mm | 6.1 x 90 x 49 | | 6.1 x 90 x 49 | |
| max. current / max. cond. cross-section | A/mm² | 32 / 4 | | 32 / 4 | |
| Max. clamping range | mm² | 0.13...4 |  | 0.13...4 |  |

## Technical data

| | | WDL 2.5/NT/L/PE | | | WDL 2.5/L/L | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 (-7-2) | | | IEC 60947-7-1 | | |
| | | **IEC** | **UL** | **CSA** | **IEC** | **UL** | **CSA** |
| Rated voltage | V | 400 | 300 (C) | 300 (D) | 400 | 300 (C) | 300 (D) |
| Rated current | A | 24 | 15 (C) | 10 (D) | 24 | 15 (C) | 10 (D) |
| Rated cross-sectionAWG 26...12 | mm² | 2.5 | AWG 22...12 | AWG 26...12 | 2.5 | AWG 22...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3, A4 / V-0 | | | A3, A4 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | | 8 / 0.6 x 3.5 mm | | |
| **Note** | | Further connection refers to clamping point at top left (A4)<br>2-conductor, 1.5 mm², solid, with 0.6 Nm. | | | Further connection refers to clamping point at top left (A4)<br>2-conductor, 1.5 mm², solid, with 0.6 Nm. | | |

## Ordering data

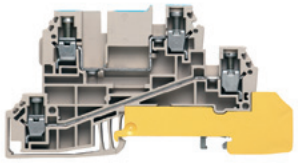
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDL 2.5/NT/L/PE | 50 | 1029800000 | WDL 2.5/L/L | 50 | 1030300000 |
| **Note** | PE connection is marked green-yellow. | | | WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue). | | |

## Accessories

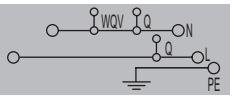
| | | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **Screwable cross-connection** | | | | | | | | | |
| 2-pole | | Q 2 WDL2.5S | 24 A | 50 | 1071500000 | Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| 3-pole | | Q 3 WDL2.5S | 24 A | 50 | 1071600000 | Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| 4-pole | | Q 4 WDL2.5S | 24 A | 50 | 1071700000 | Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| 10-pole | | Q 10 WDL2.5S | 24 A | 20 | 1071800000 | Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| 20-/24-pole | | Q 20 WDL2.5S | 24 A | 20 | 1074200000 | Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| **End plate / Partition plate** | | | **Width** | | | | **Width** | | |
| Dark beige Wemid | | WAP WDL2.5 | 1.5 mm | 20 | 1067800000 | WAP WDL2.5 | 1.5 mm | 20 | 1067800000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | | |
| Dark beige Wemid | | WHP WDL2.5/S BL | 2 mm | 20 | 1067980000 | WHP WDL2.5/S BL | 2 mm | 20 | 1067980000 |
| **End bracket** | | | | | | | | | |
| Dark beige Wemid | | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | | |
| With "swifty set" cutting device | | SWIFTY SET | 18 mm | 1 | 9006060000 | SWIFTY SET | 18 mm | 1 | 9006060000 |
| Standard | | SDIS 0.6X3.5X100 | | 1 | 9008390000 | SDIS 0.6X3.5X100 | | 1 | 9008390000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | | |

## WDL 2.5/N/L/PE — 2.5 mm²



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 mm², solid, with 0.6 Nm.

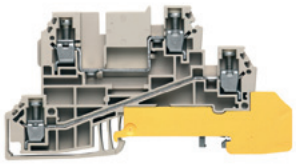
| Type | Qty. | Order No. |
|---|---|---|
| WDL 2.5/N/L/PE | 50 | 1029900000 |

PE connection is marked green-yellow.

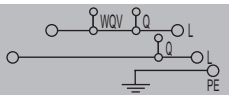
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| | **Width** | | |
| WAP WDL2.5 | 1.5 mm | 20 | 1067800000 |
| | | | |
| WHP WDL2.5/S BL | 2 mm | 20 | 1067980000 |
| | | | |
| | | | |
| | | | |
| 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/PE — 2.5 mm²



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 mm², solid, with 0.6 Nm.

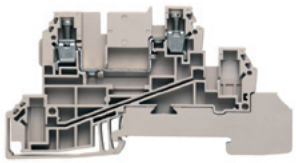
| Type | Qty. | Order No. |
|---|---|---|
| WDL 2.5/L/L/PE | 50 | 1030200000 |

PE connection is marked green-yellow.

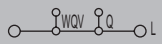
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| | **Width** | | |
| WAP WDL2.5 | 1.5 mm | 20 | 1067800000 |
| | | | |
| WHP WDL2.5/S BL | 2 mm | 20 | 1067980000 |
| | | | |
| | | | |
| | | | |
| 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 — 2.5 mm²



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 mm², solid, with 0.6 Nm.

| 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 |

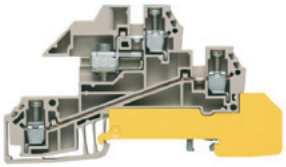
DEK 5/5 / WS 8/5

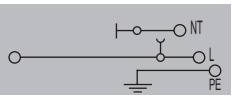
## Distribution terminals with 10 x 3 busbar

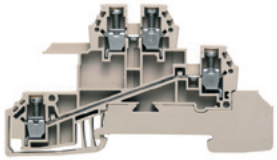
Space-saving wiring of three-phase circuits using only two terminals.

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

| | | WDL 2.5/S/NT/L/PE 2.5 mm² | WDL 2.5/S/L/L 2.5 mm² |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 84.5 x 49 | 6.1 x 84.5 x 49 |
| max. current / max. cond. cross-section | A/mm² | 32 / 4 | 32 / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.13...4 |





## Technical data

| Rated data | | WDL 2.5/S/NT/L/PE | WDL 2.5/S/L/L |
|---|---|---|---|
| | | IEC 60947-7-1 (-7-2) | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 400 / 300 (C) / 300 (D) | 400 / 300 (C) / 300 (D) |
| Rated current | A | 24 / 15 (C) / 10 (D) | 24 / 15 (C) / 10 (D) |
| Rated cross-section | mm² | 2.5 / AWG 22...12 / AWG 26...12 | 2.5 / AWG 22...12 / AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | 0.4...0.6 Nm (M 2.5) |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | 8 / 0.6 x 3.5 mm |
| **Note** | | Rated voltage of L-PE and L-NT: 250 V<br>Tightening torque of isolator: 0.4..0.6 Nm | |

## Ordering data

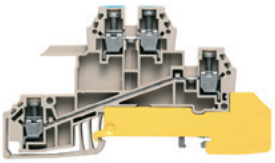
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDL 2.5/S/NT/L/PE | 50 | 1030600000 | WDL 2.5/S/L/L | 50 | 1031200000 |
| **Note** | PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L | | | WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue). | | |

## Accessories

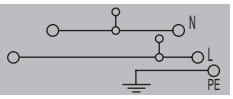
| Screwable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | Q 2 WDL2.5S | 24 A | 50 | 1071500000 | Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| 3-pole | Q 3 WDL2.5S | 24 A | 50 | 1071600000 | Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| 4-pole | Q 4 WDL2.5S | 24 A | 50 | 1071700000 | Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| 10-pole | Q 10 WDL2.5S | 24 A | 20 | 1071800000 | Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| 20-/24-pole | Q 20 WDL2.5S | 24 A | 20 | 1074200000 | Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| **End bracket** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **End plate / Partition plate** | | | | | | | | |
| Dark beige Wemid | WAP WDL2.5/S | 1.5 mm | 20 | 1067700000 | WAP WDL2.5/S | 1.5 mm | 20 | 1067700000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Dark beige Wemid | WHP WDL2.5/S BL | 2 mm | 20 | 1067980000 | WHP WDL2.5/S BL | 2 mm | 20 | 1067980000 |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25,5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0,5 - 6 / 4 mm² | ZB 4 | 5.6 mm | 50 | 0316500000 | ZB 4 | 5.6 mm | 50 | 0316500000 |
| Rigid / flexible 6 - 16 mm² | ZB 16 ZKSC | 10 mm | 50 | 0316600000 | ZB 16 ZKSC | 10 mm | 50 | 0316600000 |
| Flexible 16 - 35 mm² | ZB 35/M6X16 | 14 mm | 20 | 0266500000 | ZB 35/M6X16 | 14 mm | 20 | 0266500000 |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | |

## WDL 2.5/S/N/L/PE — 2.5 mm²



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

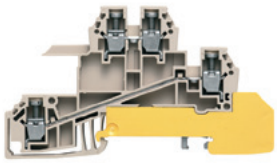
| Type | Qty. | Order No. |
|---|---|---|
| WDL 2.5/S/N/L/PE | 50 | 1030700000 |

PE connection is marked green-yellow.

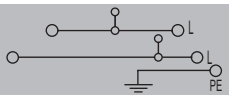
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| | Width | | |
| WEW 35/2 | 8 mm | 100 | 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

## WDL 2.5/S/L/L/PE — 2.5 mm²



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

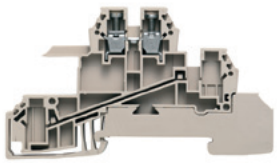
| Type | Qty. | Order No. |
|---|---|---|
| WDL 2.5/S/L/L/PE | 50 | 1031100000 |

PE connection is marked green-yellow.

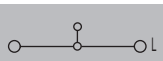
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| | Width | | |
| WEW 35/2 | 8 mm | 100 | 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

## WDL 2.5/S/L — 2.5 mm²



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 | 50 | 1031300000 |

WDL 2.5/S/N Order no. 1030900000 (connection marked blue)

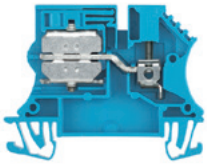
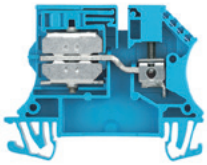
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 WDL2.5S | 24 A | 50 | 1071500000 |
| Q 3 WDL2.5S | 24 A | 50 | 1071600000 |
| Q 4 WDL2.5S | 24 A | 50 | 1071700000 |
| Q 10 WDL2.5S | 24 A | 20 | 1071800000 |
| Q 20 WDL2.5S | 24 A | 20 | 1074200000 |
| | Width | | |
| WEW 35/2 | 8 mm | 100 | 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 |

DEK 5/5 / WS 8/5

## 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.

| | | WNT 2.5 | 2.5 mm² | WNT 4 | 4 mm² |
|---|---|---|---|---|---|
| | |  | |  | |
| Width/Length/Height of lowest version | mm | 5.1 x 60 x 47 | | 6.1 x 60 x 47 | |
| max. current / max. cond. cross-section | A/mm² | **32 / 4** | NT | **41 / 6** | NT |
| Max. clamping range | mm² | **0.13...4** | | **0.13...6** | |

## Technical data

| | | WNT 2.5 | | | WNT 4 | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 400 | 600 (C) | 600 (C) | 400 | 600 (C) | 600 (C) |
| Rated current | A | 24 | 25 (C) | 20 (C) | 32 | 35 (C) | 25 (C) |
| Rated cross-section | mm² | 2.5 | AWG 22...12 | AWG 26...12 | 4 | AWG 22...10 | AWG 26...10 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A4 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...6 / 1.5...6 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...6 / 0.5...4 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.5...1 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Tightening torque, N-isolator 0.4..0.6 Nm | | | Tightening torque, N-isolator 0.4..0.8 Nm | | |

## Ordering data

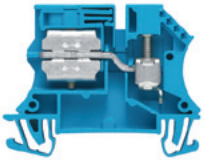
| Version | WNT 2.5 | | | WNT 4 | | |
|---|---|---|---|---|---|---|
| | Type | Qty. | Order No. | Type | Qty. | Order No. |
| Dark beige Wemid | WNT 2.5 10X3 BE | 100 | 1010600000 | | | |
| Blue Wemid | WNT 2.5 10X3 | 100 | 1010680000 | WNT 4 10X3 | 100 | 1010780000 |
| **Note** | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | | | |

## Accessories

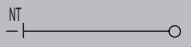
| | WNT 2.5 | | | | WNT 4 | | | |
|---|---|---|---|---|---|---|---|---|
| **End plate / Partition plate** | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| Blue Wemid | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | WHP 2.5-35N/10x3 BL | 2 mm | 20 | 1050280000 | WHP 2.5-35N/10x3 BL | 2 mm | 20 | 1050280000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | 9006060000 | SWIFTY SET | 18 mm | 1 | 9006060000 |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25,5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 | SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0,5 - 6 / 4 mm² | ZB 4 | 5.6 mm | 50 | 0316500000 | ZB 4 | 5.6 mm | 50 | 0316500000 |
| Rigid / flexible 6 - 16 mm² | ZB 16 ZKSC | 10 mm | 50 | 0316600000 | ZB 16 ZKSC | 10 mm | 50 | 0316600000 |
| Flexible 16 - 35 mm² | ZB 35/M6X16 | 14 mm | 20 | 0266500000 | ZB 35/M6X16 | 14 mm | 20 | 0266500000 |

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

## WNT 6 — 6 mm²



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 |

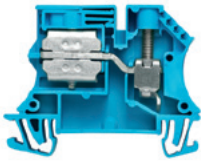
Tightening torque, N-isolator 0.8..1.6 Nm

| Type | Qty. | Order No. |
|---|---|---|
| WNT 6 10X3 | 50 | 1010880000 |

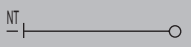
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 |
| WHP 2.5-35N/10x3 BL | 2 mm | 20 | 1050280000 |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| SWIFTY SET | 18 mm | 1 | 9006060000 |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |
| 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

## WNT 10 — 10 mm²



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 |

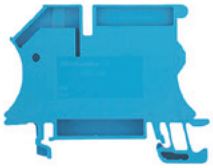
Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

| Type | Qty. | Order No. |
|---|---|---|
| WNT 10 10X3 BE | 50 | 1010900000 |
| WNT 10 10X3 | 50 | 1010980000 |

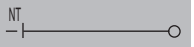
| Type | Width | Qty. | Order No. |
|---|---|---|---|
| WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 |
| WHP 2.5-35N/10x3 BL | 2 mm | 20 | 1050280000 |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| SWIFTY SET | 18 mm | 1 | 9006060000 |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |
| 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

## WNT 16N — 16 mm²



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 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 |

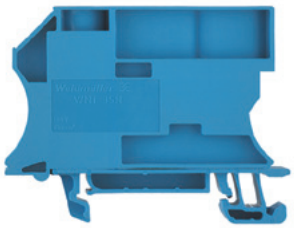
DEK 5/5 / WS 12/5

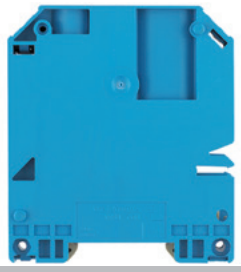
## Neutral conductor disconnect terminals

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.

| | | WNT 35N 35 mm² | WNT 70N 70 mm² |
|---|---|---|---|
| | | Compact design | Compact design |
| Width/Length/Height of lowest version | mm | 16 x 66 x 51 | 20.5 x 75 x 86 |
| max. current / max. cond. cross-section | A/mm² | **150 / 50** | **207 / 95** |
| Max. clamping range | mm² | **2.5...50** | **10...95** |





## Technical data

| | | WNT 35N | WNT 70N |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| Rated voltage | V | IEC: 400 / UL: | IEC: 400 / UL: 600 (C) |
| Rated current | A | 125 | 192 / 175 (C) |
| Rated cross-section | mm² | 35 | 70 / AWG 6...00 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | B8 / V-0 | B11 / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 2.5...16 / 2.5...50 | 10...16 / 10...95 |
| Flexible / Flexible with ferrule | mm² | 2.5...35 / 2.5...35 | 10...70 / 10...70 |
| Tightening torque range (terminal screw) | | 4...5 Nm (M 6) | 60...12 Nm (M 8) |
| Stripping length / Blade size | mm/- | 18 / 6.5 x 1.2 mm | 22 / S6 (DIN 6911) |
| **Note** | | The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm. | Tightening torque, N-isolator 2.5..5.0 Nm. |

## Ordering data

| Version | WNT 35N | WNT 70N |
|---|---|---|
| | Type / Qty. / Order No. | Type / Qty. / Order No. |
| Dark beige Wemid | | |
| Blue Wemid | WNT 35N 10X3 / 20 / **1718550000** | WNT 70N/35 / 10 / **9512210000** |
| **Note** | | |

## Accessories

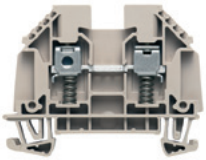
| | WNT 35N Type | Width | Qty. | Order No. | WNT 70N Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **End plate / Partition plate** | | | | | | | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Blue Wemid | WAP 2.5-10 BL | 1.5 mm | 50 | **1050080000** | WAP 2.5-10 BL | 1.5 mm | 50 | **1050080000** |
| **Support bracket for 10 x 3 (required every 20 cm)** | | | | | | | | |
| Blue Wemid | WHP 2.5-35N/10x3 BL | 2 mm | 20 | **1050280000** | WHP 2.5-35N/10x3 BL | 2 mm | 20 | **1050280000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Screwdriver** | | | | | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | **9006060000** | SWIFTY SET | 18 mm | 1 | **9006060000** |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Busbar 10 x 3 (140 A)** | | | | | | | | |
| OK, Busbar up to OK, TS35 = 25,5 mm | SSCH 10X3X1000 CU/SN | 10 mm | 1 | **0348900000** | SSCH 10X3X1000 CU/SN | 10 mm | 1 | **0348900000** |
| **Clamping yoke for power supply to 10 x 3 busbars** | | | | | | | | |
| Rigid / flexible 0,5 - 6 / 4 mm² | ZB 4 | 5.6 mm | 50 | **0316500000** | ZB 4 | 5.6 mm | 50 | **0316500000** |
| Rigid / flexible 6 - 16 mm² | ZB 16 ZKSC | 10 mm | 50 | **0316600000** | ZB 16 ZKSC | 10 mm | 50 | **0316600000** |
| Flexible 16 - 35 mm² | ZB 35/M6X16 | 14 mm | 20 | **0266500000** | ZB 35/M6X16 | 14 mm | 20 | **0266500000** |

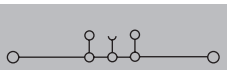
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 12/5 | DEK 5/5 / WS 12/5 |
| **Note** | | Refer to the "W-Series Accessories" section for PEN bridges. | |

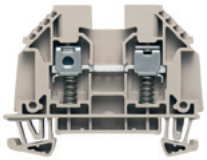
A spring below the clamping yoke ensures there is additional contact stability.

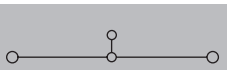
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WDU 4 SL | 4 mm² | WDU 6 SL | 6 mm² |
|---|---|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 60 x 47 | | 7.9 x 60 x 47 | |
| max. current / max. cond. cross-section | A/mm² | **41 / 6** | | **57 / 10** | |
| Max. clamping range | mm² | **0.22...6** | | **0.5...10** | |









## Technical data

| | | WDU 4 SL | | | | WDU 6 SL | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | Ex e II II 2 G D | IEC 60947-7-1 | | | Ex e II II 2 G D |
| | | **IEC** | **UL** | **CSA** | **EN 60079-7** | **IEC** | **UL** | **CSA** | **EN 60079-7** |
| Rated voltage | V | 500 | 600 (C) | 300 (C) | 275 | 500 | 150 (C) | 300 (C) | 275 |
| Rated current | A | 32 | 30 (C) | 25 (C) | 28 | 41 | 50 (C) | 45 (C) | 36 |
| Rated cross-section | mm² | 4 | AWG 22...10 | AWG 22...10 | 4 | 6 | AWG 20...8 | AWG 20...8 | 6 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | | 6 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | | A5 / V-0 | | | |
| Approvals | | SIRA 02ATEX3242 U | | | | SIRA 02ATEX3242 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 / 1.5...6 | | | | 0.5...10 / 1.5...10 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 0.5...6 | | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | | | 1 Nm(M 3.5) | | | |
| Stripping length / Blade size | mm/- | 15 / 0.6 x 3.5 mm | | | | 16 / 4.0 x 0.8 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | 0.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | | | | |
| **Note** | | Note the max. current of the terminal (41 A) when using the cross-connector! | | | | ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector! | | | |

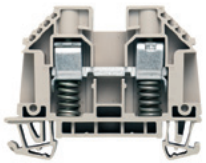
## Ordering data

| **Version** | WDU 4 SL | Qty. | Order No. | WDU 6 SL | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 4 SL | 50 | **9537440000** | WDU 6 SL | 50 | **9537460000** |
| Dark beige Wemid (combi clip-on feet TS32/25) | | | | | | |
| Black Wemid (combi clip-on feet TS32/25) | | | | | | |
| Without STB | | | | | | |
| **Note** | With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). | | | With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). | | |

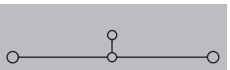
## Accessories

| | | WDU 4 SL | | | | WDU 6 SL | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | **Type** | **current** | **Qty.** | **Order No.** | **Type** | **current** | **Qty.** | **Order No.** |
| | 2-pole | ZQV 4N/2 GE | 32 A | 60 | **1758250000** | | | | |
| | 3-pole | ZQV 4N/3 GE | 32 A | 60 | **1762630000** | | | | |
| | 4-pole | ZQV 4N/4 GE | 32 A | 60 | **1762620000** | | | | |
| | 10-pole | ZQV 4N/10 GE | 32 A | 20 | **1758260000** | | | | |
| | 20-/24-pole | ZQV 4N/20 GE | 32 A | 20 | **1909020000** | | | | |
| **Screwable cross-connection** | | | | | | | | | |
| | 2-pole | WQV 4/2 | 32 A | 50 | **1051960000** | WQV 6/2 | 57 A | 50 | **1052360000** |
| | 3-pole | WQV 4/3 | 32 A | 50 | **1054560000** | WQV 6/3 | 57 A | 50 | **1054760000** |
| | 4-pole | WQV 4/4 | 32 A | 50 | **1054660000** | WQV 6/4 | 57 A | 50 | **1054860000** |
| | 10-pole | WQV 4/10 | 41 A | 20 | **1052060000** | WQV 6/10 | 57 A | 20 | **1052260000** |
| **End plate / Partition plate** | | | **Width** | | | | **Width** | | |
| | Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| | Black Wemid | WAP 2.5-10 SW | 1.5 mm | 50 | **1050010000** | WAP 2.5-10 SW | 1.5 mm | 50 | **1050010000** |
| | Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Testing / Checking** | | | | | | | | | |
| | Standard | WTA 3 WDU4 | 6 mm | 25 | **1632350000** | WTA 5/1 | 5 mm | 25 | **1051260000** |
| **Hak. Cable lugs** | | | | | | | | | |
| | | HBT 1,5 - 3,0 RT | | 100 | **1312440000** | HBT 1,5 - 4,6 RT | | 100 | **1233340000** |
| | | HBT 2,5 - 3,0 BL | | 100 | **1312450000** | HBT 2,5 - 4,6 BL | | 100 | **1233330000** |
| | | | | | | HBT 6,0 - 4,6 GE | | 100 | **1216230000** |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | WS 12/6 | | | | DEK 5/8 / WS 12/6,5 | | | |
| **Note** | | | | | | | | | |

## WDU 10 SL — 10 mm²



9.9 x 60 x 47
**76 / 10**
**1.31...10**



IEC 60947-7-1 — Ex e II — II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 500 | 150 (C) | 300 (C) | 275 |
| 57 | 50 (C) | 65 (C) | 50 |
| 10 | AWG 16...8 | AWG 16...6 | 10 |
| 6 kV / 3 | | | |
| A5 / V-0 | | | |

SIRA 02ATEX3242 U

| Rated connection |
|---|
| 1.5...10 / 1.5...10 |
| 1...6 / 1.5...10 |
| 1.2...2.4 Nm (M 4) |
| 17 / 1.0 x 5.5 mm |
| |
| 1.5...4 |
| 2.5...4 / 1...4 |

ESI rated data: 500 V / 36 A / 16 mm² stranded connection must be tightened with 2 Nm.

| Type | Qty. | Order No. |
|---|---|---|
| WDU 10 SL | 50 | 9537480000 |
| | | |
| WDU 10 SL SW | 50 | 9537400000 |
| | | |

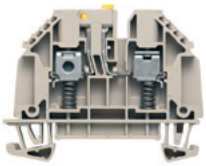
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| 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 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 5/5 / WS 12/6,5

## WTR 4 SL — 4 mm²

**With clamping screw**



6.1 x 61.5 x 48.6
**32 / 6**
**0.22...6**

IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 500 | 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 |

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

| Type | Qty. | Order No. |
|---|---|---|
| WTR 4 SL | 50 | 7910270000 |
| | | |
| | | |
| | | |

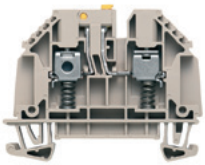
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| 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 | | |
| 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 |
| | | | |

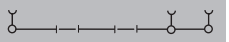
DEK 5/6 / WS 12/6

## WTR 4 SL STB — 4 mm²

**With socket**



6.1 x 61.5 x 47
**32 / 6**
**0.22...6**



IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 500 | 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 |

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

| Type | Qty. | Order No. |
|---|---|---|
| WTR 4 STB SL | 50 | 7910300000 |
| | | |
| | | |
| | | |

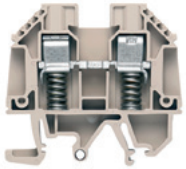
| Type | current | Qty. | Order No. |
|---|---|---|---|
| ZQV 4N/2 GE | 32 A | 60 | 1758250000 |
| ZQV 4N/3 GE | 32 A | 60 | 1762630000 |
| ZQV 4N/4 GE | 32 A | 60 | 1762620000 |
| ZQV 4N/10 GE | 32 A | 20 | 1758260000 |
| ZQV 4N/20 GE | 32 A | 20 | 1909020000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | 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 |
| | | | |

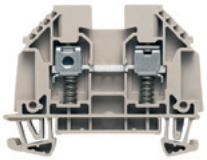
DEK 5/6 / WS 12/6

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.

| | | WDU 4 SL/EN | 4 mm² | WDU 6 SL/EN | 6 mm² |
|---|---|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 60 x 53.5 | | 7.9 x 60 x 53.5 | |
| max. current / max. cond. cross-section | A/mm² | **41 / 6** | | **57 / 10** | |
| Max. clamping range | mm² | **0.22...6** | | **0.5...10** | |





## Technical data

| | | WDU 4 SL/EN | | | | WDU 6 SL/EN | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | Ex e II II 2 G D | IEC 60947-7-1 | | | Ex e II II 2 G D |
| | | **IEC** | **UL** | **CSA** | **EN 60079-7** | **IEC** | **UL** | **CSA** | **EN 60079-7** |
| Rated voltage | V | 500 | 600 (C) | 300 (C) | 275 | 500 | 150 (C) | 300 (C) | 275 |
| Rated current | A | 32 | 30 (C) | 25 (C) | 28 | 41 | 50 (C) | 45 (C) | 36 |
| Rated cross-section | mm² | 4 | AWG 22...10 | AWG 22...10 | 4 | 6 | AWG 20...8 | AWG 20...8 | 6 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | | 6 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | | A5 / V-0 | | | |
| Approvals | | SIRA 02ATEX3242 U | | | | SIRA 02ATEX3242 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...6 / 1.5...6 | | | | 0.5...10 / 1.5...10 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 0.5...6 | | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | | | 1 Nm(M 3.5) | | | |
| Stripping length / Blade size | mm/- | 15 / 0.6 x 3.5 mm | | | | 16 / 4.0 x 0.8 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | 0.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | | | | |
| **Note** | | Note the max. current of the terminal (41 A) when using the cross-connector! | | | | ESI rated data: 500 V / 24 A / Note the max. current of the terminal (57 A) when using the cross-connector! | | | |

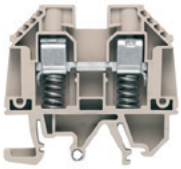
## Ordering data

| **Version** | WDU 4 SL/EN Type | Qty. | Order No. | WDU 6 SL/EN Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | | | | | | |
| Dark beige Wemid (combi clip-on feet TS32/25) | WDU 4 SL/EN | 50 | **9537450000** | WDU 6 SL/EN | 50 | **9537470000** |
| Black Wemid (combi clip-on feet TS32/25) | WDU 4 SL/EN SW | 50 | **9537510000** | WDU 6 SL/EN SW | 50 | **9537430000** |
| Without STB | | | | | | |
| **Note** | With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). | | | With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). | | |

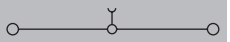
## Accessories

| **Pluggable cross-connection** | WDU 4 SL/EN Type | current | Qty. | Order No. | WDU 6 SL/EN Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 4N/2 GE | 32 A | 60 | **1758250000** | | | | |
| 3-pole | ZQV 4N/3 GE | 32 A | 60 | **1762630000** | | | | |
| 4-pole | ZQV 4N/4 GE | 32 A | 60 | **1762620000** | | | | |
| 10-pole | ZQV 4N/10 GE | 32 A | 20 | **1758260000** | | | | |
| 20-/24-pole | ZQV 4N/20 GE | 32 A | 20 | **1909020000** | | | | |
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | WQV 4/2 | 32 A | 50 | **1051960000** | WQV 6/2 | 57 A | 50 | **1052360000** |
| 3-pole | WQV 4/3 | 32 A | 50 | **1054560000** | WQV 6/3 | 57 A | 50 | **1054760000** |
| 4-pole | WQV 4/4 | 32 A | 50 | **1054660000** | WQV 6/4 | 57 A | 50 | **1054860000** |
| 10-pole | WQV 4/10 | 41 A | 20 | **1052060000** | WQV 6/10 | 57 A | 20 | **1052260000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Black Wemid | WAP 2.5-10 SW | 1.5 mm | 50 | **1050010000** | WAP 2.5-10 SW | 1.5 mm | 50 | **1050010000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Testing / Checking** | | | | | | | | |
| Standard | WTA 3 WDU4 | 6 mm | 25 | **1632350000** | WTA 5/1 | 5 mm | 25 | **1051260000** |
| **Hak. Cable lugs** | | | | | | | | |
| | HBT 1,5 - 3,0 RT | | 100 | **1312440000** | HBT 1,5 - 4,6 RT | | 100 | **1233340000** |
| | HBT 2,5 - 3,0 BL | | 100 | **1312450000** | HBT 2,5 - 4,6 BL | | 100 | **1233330000** |
| | | | | | HBT 6,0 - 4,6 GE | | 100 | **1216230000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | WS 12/6 | | | | DEK 5/8 / WS 12/6,5 | | | |
| **Note** | | | | | | | | |

## WDU 10 SL/EN — 10 mm²



9.9 x 56.6 x 53.5
**76 / 16**
**1.31...16**



IEC 60947-7-1 — Ex e II — II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|
| 500 | 600 (C) | 300 (C) | 275 |
| 57 | 50 (C) | 65 (C) | 50 |
| 10 | AWG 16...8 | AWG 16...6 | 10 |
| 6 kV / 3 | | | |
| A6 / V-0 | | | |

SIRA 02ATEX3242 U

| Rated connection |
|---|
| 1.5...16 / 1.5...16 |
| 1...6 / 1.5...10 |
| 1.2...2.4 Nm (M 4) |
| 17 / 1.0 x 5.5 mm |
| |
| 1.5...4 |
| 2.5...4 / 1...4 |

ESI rated data: 500 V / 36 A / 16 mm² stranded connection must be tightened with 2 Nm.

| Type | Qty. | Order No. |
|---|---|---|
| WDU 10 SL/EN | 50 | 9537490000 |
| WDU 10 SL/EN SW | 50 | 9537410000 |

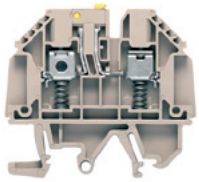
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| 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 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 5/5 / WS 12/6,5

## WTR 4 SL/EN — 4 mm²

with clamping screw



6.1 x 61.5 x 55
**32 / 6**
**0.22...6**

IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 500 | 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 |

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

| Type | Qty. | Order No. |
|---|---|---|
| WTR4 SL/EN | 50 | 7910360000 |
| WTR4 SL/EN SW | 50 | 7910380000 |

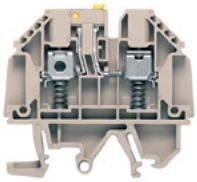
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| 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 | | |
| 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 |

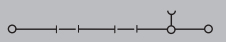
DEK 5/6 / WS 12/6

## WTR 4 STB SL/EN — 4 mm²

With socket



6.1 x 61.5 x 55
**32 / 6**
**0.22...6**



IEC 60947-7-1

| IEC | UL | CSA |
|---|---|---|
| 500 | 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 |

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

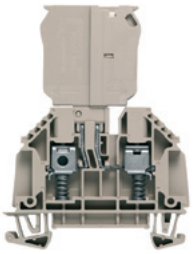
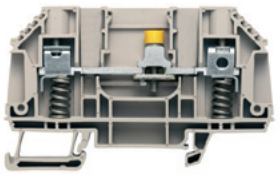
| Type | Qty. | Order No. |
|---|---|---|
| WTR4 SL/EN STB | 50 | 7910390000 |

| 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 |

DEK 5/6 / WS 12/6

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.

| | | WTR 4 SI SL | WTL 6 SL |
|---|---|---|---|
| | | 4 mm² | 6 mm² |
| | | With fuse holder | |
| | |  |  |
| Width/Length/Height of lowest version | mm | 6.1 x 61.5 x 97.5 | 7.9 x 82.7 x 50.5 |
| max. current / max. cond. cross-section | A/mm² | 6.3 / 6 | 57 / 10 |
| Max. clamping range | mm² | 0.22...6 | 0.5...10 |

## Technical data

| | | WTR 4 SI SL | | | WTL 6 SL | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 400 | 300 (C) | 300 (D) | 500 | | |
| Rated current | A | 6.3 | 6.3 (C) | 6.3 (D) | | | |
| Rated cross-section | mm² | 4 | AWG 22...10 | AWG 22...10 | 6 | | |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A4 / V-0 | | | A5 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...6 / 1.5...6 | | | 0.5...10 / 1.5...10 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | 0.5...6 | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | | 1 Nm(M 3.5) | | |
| Stripping length / Blade size | mm/- | 13 / 0.6 x 3.5 mm | | | 16 / 4.0 x 0.8 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | | |
| **Note** | | | | | Rated data ESI: 500 V / 24 A. | | |

## Ordering data

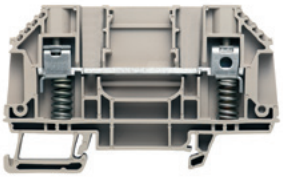
| Version | WTR 4 SI SL Type | Qty. | Order No. | WTL 6 SL Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WTR 4 SI SL | 25 | 7910330000 | WTL 6 SL | 50 | 1161690000 |
| Dark beige Wemid (combi clip-on feet TS32/25) | | | | | | |
| Black Wemid (combi clip-on feet TS32/25) | | | | | | |
| Without STB | | | | WTL 6 SL 0.STB | 600 | 1238930000 |
| **Note** | | | | With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear). | | |

## Accessories

| | | WTR 4 SI SL Type | current | Qty. | Order No. | WTL 6 SL Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| **Pluggable cross-connection** | | | | | | | | | |
| | 2-pole | ZQV 4N/2 GE | 32 A | 60 | 1758250000 | | | | |
| | 3-pole | ZQV 4N/3 GE | 32 A | 60 | 1762630000 | | | | |
| | 4-pole | ZQV 4N/4 GE | 32 A | 60 | 1762620000 | | | | |
| | 10-pole | ZQV 4N/10 GE | 32 A | 20 | 1758260000 | | | | |
| | 20-/24-pole | ZQV 4N/20 GE | 32 A | 20 | 1909020000 | | | | |
| **Screwable cross-connection** | | | | | | | | | |
| | 2-pole | | | | | WQV 6/2 | 57 A | 50 | 1052360000 |
| | 3-pole | | | | | WQV 6/3 | 57 A | 50 | 1054760000 |
| | 4-pole | | | | | WQV 6/4 | 57 A | 50 | 1054860000 |
| | 10-pole | | | | | WQV 6/10 | 57 A | 20 | 1052260000 |
| **End plate / Partition plate** | | | Width | | | | Width | | |
| | Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 | WAP WTL6 SL 4-6 | 1.5 mm | 20 | 1238880000 |
| | Black Wemid | WAP 2.5-10 SW | 1.5 mm | 50 | 1050010000 | WAP WTL6 SL | 1.5 mm | 20 | 9538110000 |
| | Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 | WTW EN | 3 mm | 20 | 1058800000 |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Testing / Checking** | | | | | | | | | |
| | Standard | | | | | | | | |
| **Hak. Cable lugs** | | | | | | | | | |
| | | HBT 1,5 - 3,0 RT | | 100 | 1312440000 | HBT 1,5 - 4,6 RT | | 100 | 1233340000 |
| | | HBT 2,5 - 3,0 BL | | 100 | 1312450000 | HBT 2,5 - 4,6 BL | | 100 | 1233330000 |
| | | | | | | HBT 6,0 - 4,6 GE | | 100 | 1216230000 |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | DEK 5/6 / WS 12/6 | | | | WS 12/6,5 | | | |
| **Note** | | | | | | | | | |

## WTD 6 SL — 6 mm²

**Feed-through**



7.9 x 82.7 x 50.5
**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.

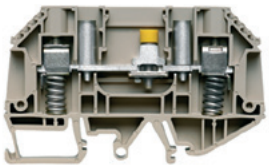
| Type | Qty. | Order No. |
|---|---|---|
| WTD 6 SL | 50 | 9538090000 |
| | | |
| | | |
| WTD 6 SL 0.STB | 600 | 1238920000 |

| 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

## WTL 6 SL/EN — 6 mm²

**Longitudinal - disconnector**



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. |
|---|---|---|
| | | |
| WTL 6 SL/EN | 50 | 9538080000 |
| | | |
| | | |

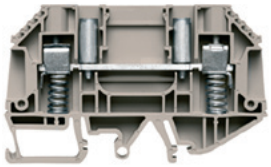
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

| 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 |

WS 12/6,5

## WTD 6 SL/EN — 6 mm²

**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 |

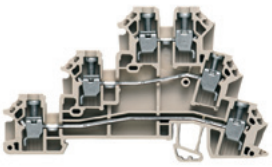
WS 12/6,5

Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.

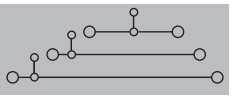
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

## DLD 2.5 — 2.5 mm²

**Voltage supply**

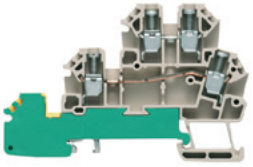


| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 82.5 x 49 |
| max. current / max. cond. cross-section | A/mm² | **24 / 4** |
| Max. clamping range | mm² | **0.13...4** |

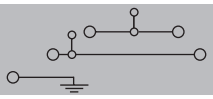


## DLD 2.5 PE — 2.5 mm²

**Lower level earthed**



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 74.5 x 49 |
| max. current / max. cond. cross-section | A/mm² | **17.5 / 4** |
| Max. clamping range | mm² | **0.13...4** |



## Technical data

| Rated data | | DLD 2.5 | | | DLD 2.5 PE | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 250 | 300 (D) | 300 (C) | 250 | 300 (D) | 300 (D) |
| Rated current | A | 24 | 10 (D) | 10 (C) | 17.5 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 22...12 | AWG 26...12 | 2.5 | AWG 22...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Electronic fixtures** | | | | | | | |
| Component voltage / Component current | V/A | | | | | | |
| Operating voltage for display, max. / Current | V/A | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 7 / 0.6 x 3.5 mm | | | 7 / 0.6 x 3.5 mm | | |
| **Note** | | Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector. | | | Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector. | | |

## Ordering data

| Version | DLD 2.5 Type | Qty. | Order No. | DLD 2.5 PE Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | DLD 2.5 DB | 50 | **1784180000** | DLD 2.5/PE DB | 50 | **1783790000** |
| Dark beige Wemid (red LED) | | | | | | |
| Dark beige Wemid (green LED) | | | | | | |
| **Note** | Variant in blue, Order no. 6269250000 (qty. 50) | | | | | |

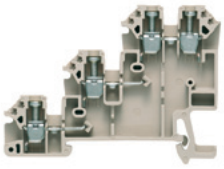
## Accessories

| Screwable cross-connection | DLD 2.5 Type | current | Qty. | Order No. | DLD 2.5 PE Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | Q 2 DLI | 20 A | 50 | **1312500000** | Q 2 DLI | 20 A | 50 | **1312500000** |
| 3-pole | Q 3 DLI | 20 A | 50 | **1312600000** | Q 3 DLI | 20 A | 50 | **1312600000** |
| 4-pole | Q 4 DLI | 20 A | 50 | **1312700000** | Q 4 DLI | 20 A | 50 | **1312700000** |
| 10-pole | Q 10 DLI | 20 A | 20 | **1313100000** | Q 10 DLI | 20 A | 20 | **1313100000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP DLI2.5 DB | 1.5 mm | 20 | **1783550000** | AP DLI2.5 DB | 1.5 mm | 20 | **1783550000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | EW 35 | 8.5 mm | 50 | **0383560000** | EW 35 | 8.5 mm | 50 | **0383560000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Small partition** | | | | | | | | |
| Small partition | TSCH 1 | 2 mm | 100 | **0319160000** | TSCH 1 | 2 mm | 100 | **0319160000** |

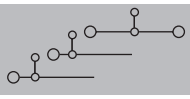
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/6 | DEK 5/6 |
| **Note** | | TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.) | TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.) |

## DLI 2.5 — 2.5 mm²

**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 |

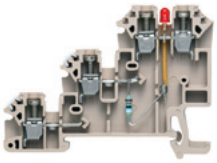
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 DLI | 20 A | 50 | 1312500000 |
| Q 3 DLI | 20 A | 50 | 1312600000 |
| Q 4 DLI | 20 A | 50 | 1312700000 |
| Q 10 DLI | 20 A | 20 | 1313100000 |
| | Width | | |
| AP DLI2.5 DB | 1.5 mm | 20 | 1783550000 |
| EW 35 | 8.5 mm | 50 | 0383560000 |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |
| TSCH 1 | 2 mm | 100 | 0319160000 |

DEK 5/6

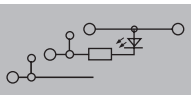
StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

## DLI 2.5 LD PNP — 2.5 mm²

**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 |

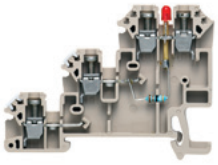
| Type | Qty. | Order No. |
|---|---|---|
| DLI 2.5/LD-RT/PNP +- DB | 100 | 1783980000 |
| DLI 2.5/LD-GN/PNP +- DB | 100 | 1783970000 |

| 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 |

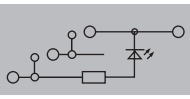
DEK 5/6

## DLI 2.5 LD NPN — 2.5 mm²

**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 |

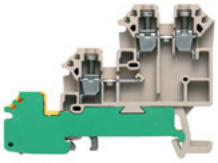
DEK 5/6

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.

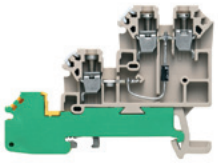
## DLA 2.5 — 2.5 mm²

**Actuator connection (signal,-,PE)**

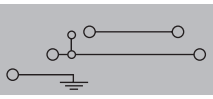


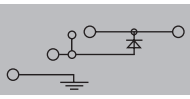
## DLA 2.5/D — 2.5 mm²

**Actuator connection (circuit with diode)**



| | | DLA 2.5 | DLA 2.5/D |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 6.1 x 65 x 49 | 6.1 x 66 x 49 |
| max. current / max. cond. cross-section | A/mm² | **26 / 4** | **17.5 / 4** |
| Max. clamping range | mm² | **0.13...4** | **0.13...4** |





## Technical data

| | | DLA 2.5 | | | DLA 2.5/D | | |
|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 (-7-2) | | | IEC 60947-7-1 (-7-2) | | |
| | | **IEC** | **UL** | **CSA** | **IEC** | **UL** | **CSA** |
| Rated voltage | V | 250 | 300 (D) | 300 (D) | 250 | 300 (D) | 300 (D) |
| Rated current | A | 17.5 | 10 (D) | 10 (D) | 17.5 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 22...12 | AWG 26...12 | 2.5 | AWG 22...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Electronic fixtures** | | | | | | | |
| Component voltage / Component current | V/A | | | | 1000 / 1 | | |
| Operating voltage for display, max. / Current | V/A | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 7 / 0.6 x 3.5 mm | | | 7 / 0.6 x 3.5 mm | | |
| **Note** | | Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector. | | | Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector. | | |

## Ordering data

| Version | DLA 2.5 Type | Qty. | Order No. | DLA 2.5/D Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | DLA 2.5 DB | 100 | **1783560000** | DLA 2.5/D DB | 100 | **1783590000** |
| Dark beige Wemid (red LED) | | | | | | |
| Dark beige Wemid (green LED) | | | | | | |
| **Note** | | | | | | |

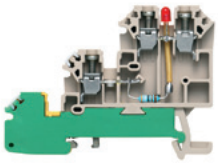
## Accessories

| | DLA 2.5 Type | current | Qty. | Order No. | DLA 2.5/D Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | Q 2 DLI | 20 A | 50 | **1312500000** | Q 2 DLI | 20 A | 50 | **1312500000** |
| 3-pole | Q 3 DLI | 20 A | 50 | **1312600000** | Q 3 DLI | 20 A | 50 | **1312600000** |
| 4-pole | Q 4 DLI | 20 A | 50 | **1312700000** | Q 4 DLI | 20 A | 50 | **1312700000** |
| 10-pole | Q 10 DLI | 20 A | 20 | **1313100000** | Q 10 DLI | 20 A | 20 | **1313100000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP DLI2.5 DB | 1.5 mm | 20 | **1783550000** | AP DLI2.5 DB | 1.5 mm | 20 | **1783550000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | EW 35 | 8.5 mm | 50 | **0383560000** | EW 35 | 8.5 mm | 50 | **0383560000** |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Small partition** | | | | | | | | |
| Small partition | TSCH 1 | 2 mm | 100 | **0319160000** | TSCH 1 | 2 mm | 100 | **0319160000** |

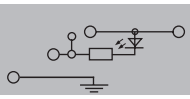
| | | DLA 2.5 | DLA 2.5/D |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/6 | DEK 5/6 |
| **Note** | | | |

## DLA 2.5/LD — 2.5 mm²

**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 |

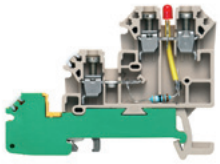
| Type | Qty. | Order No. |
|---|---|---|
| DLA 2.5/LD-RT DB | 100 | **1783600000** |

| 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** |

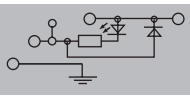
DEK 5/6

## DLA 2.5/LD/D — 2.5 mm²

**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 |

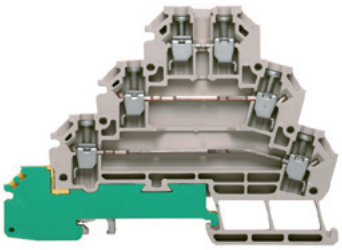
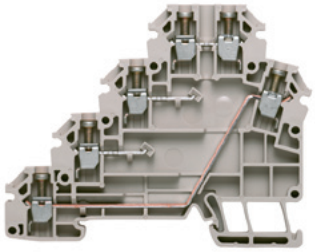
| Type | Qty. | Order No. |
|---|---|---|
| DLA 2.5/LD-GN/D DB | 100 | **1783630000** |

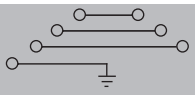
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 DLI | 20 A | 50 | **1312500000** |
| Q 3 DLI | 20 A | 50 | **1312600000** |
| Q 4 DLI | 20 A | 50 | **1312700000** |
| Q 10 DLI | 20 A | 20 | **1313100000** |
| | **Width** | | |
| AP DLI2.5 DB | 1.5 mm | 20 | **1783550000** |
| EW 35 | 8.5 mm | 50 | **0383560000** |
| SDS 0.6X3.5X100 | | 1 | **9008330000** |
| TSCH 1 | 2 mm | 100 | **0319160000** |

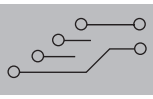
DEK 5/6

## 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.

| | | MAK 2.5 — 2.5 mm² | VLI 1.5 — 1.5 mm² |
|---|---|---|---|
| | |  |  |
| Width/Length/Height of lowest version | mm | 6.2 x 88 x 64 | 6.15 x 69 x 64 |
| max. current / max. cond. cross-section | A/mm² | **31 / 4** | **24 / 4** |
| Max. clamping range | mm² | **0.13...4** | **0.13...4** |





## Technical data

| Rated data | | MAK 2.5 | | | VLI 1.5 (IEC 60947-7-1 (-7-2)) | | |
|---|---|---|---|---|---|---|---|
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 500 | 300 (D) | 300 (C) | 250 | 300 (D) | |
| Rated current | A | 24 | 10 (D) | 10 (C) | 17.5 | 10 (D) | |
| Rated cross-section | mm² | 2.5 | AWG 22...12 | AWG 26...12 | 1.5 | AWG 26...12 | |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 0.5...4 | | | 0.5...4 / 0.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | | 8 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | MAK 2.5 DB | 50 | **7917030000** | VLI 1.5 DB | 50 | **1784120000** |
| | With PE foot | | | | VLI 1.5/PE DB | 50 | **1784130000** |
| **Note** | | | | | | | |

## Accessories

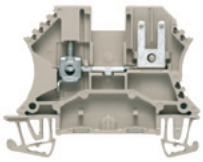
| End plate / Partition plate | | Type | Width | Qty. | Order No. | Type | Width | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| | Dark beige PA | AP MAK2.5 DB | 1.5 mm | 20 | **7917000000** | AP VLI1.5 DB | 1.5 mm | 20 | **1784150000** |
| **End bracket** | | | | | | | | | |
| | Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Screwdriver** | | | | | | | | | |
| | Standard | SDIS 0.6X3.5X100 | | 1 | **9008390000** | SDIS 0.6X3.5X100 | | 1 | **9008390000** |
| **Cross-connection** | | | **current** | | | | **current** | | |
| | black | VQB 1.5/50 SW | 17.5 A | 5 | **1635120000** | VQB 1.5/50 SW | 17.5 A | 5 | **1635120000** |
| | blue | VQB 1.5/50 BL | 17.5 A | 5 | **1633280000** | VQB 1.5/50 BL | 17.5 A | 5 | **1633280000** |
| | red | VQB 1.5/50 RT | 17.5 A | 5 | **1633290000** | VQB 1.5/50 RT | 17.5 A | 5 | **1633290000** |
| **Identification systems** | (see assortment in catalogue 7) | | | | | | | | |
| | Marking tags | DEK 5/5 | | | | DEK 5/5 | | | |
| **Note** | | | | | | | | | |

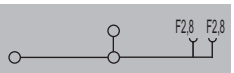
## Spade connection

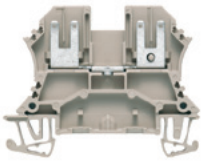
Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

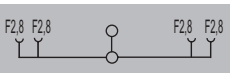
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WDU 2.5 F | WDU 2.5 FF 2*2.8 |
|---|---|---|---|
| | | 2.5 mm² | 1 mm² |
| | | Spade connection right | Spade connection left and right |
| Width/Length/Height of lowest version | mm | 5.1 x 60 x 47 | 5.1 x 60 x 47 |
| max. current / max. cond. cross-section | A/mm² | 12 / 4 | 12 / 1 |
| Max. clamping range | mm² | 0.13...4 | ...1 |








## Technical data

| Rated data | | WDU 2.5 F | WDU 2.5 FF 2*2.8 |
|---|---|---|---|
| | | IEC 60947-7-1, IEC 61210 | IEC 60947-7-1, IEC 61210 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 500 / 300 (C) / 300 (C) | 500 / 300 (C) / 300 (C) |
| Rated current | A | 12 / 16 (C) / 10 (C) | 12 / 16 (C) / 10 (C) |
| Rated cross-section | mm² | 2.5 / AWG 22...12 / AWG 26...12 | 1 / AWG 22...12 / AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | / V-0 |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection / Further connection | Rated connection / Further connection |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | |
| Tightening torque range (terminal screw) | | 0.4...0.8 Nm (M 2.5) | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | |
| **2 conductors with same cross-section (H05V/H07V)** | | | |
| Solid / stranded | mm² | 0.5...1.5 | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | |
| **Note** | | 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 mm² conductor. | 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 mm² conductor. |

## Ordering data

| Version | WDU 2.5 F | Qty. | Order No. | WDU 2.5 FF | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDU 2.5 F 2X2.8 | 100 | 1021800000 | WDU 2.5 FF 2X2.8 | 100 | 1021900000 |
| Blue Wemid | | | | | | |
| **Note** | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | Technical data refers to the 2.8 mm cable-lug connector with 1 mm² wire. | | |

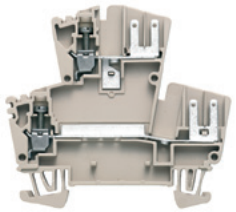
## Accessories

| Screwable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 2.5/2 | 32 A | 50 | 1053660000 | WQV 2.5/2 | 32 A | 50 | 1053660000 |
| 3-pole | WQV 2.5/3 | 32 A | 50 | 1053760000 | WQV 2.5/3 | 32 A | 50 | 1053760000 |
| 4-pole | WQV 2.5/4 | 32 A | 50 | 1053860000 | WQV 2.5/4 | 32 A | 50 | 1053860000 |
| 10-pole | WQV 2.5/10 | 32 A | 20 | 1054460000 | WQV 2.5/10 | 32 A | 20 | 1054460000 |
| **End plate / Partition plate** | | Width | | | | Width | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 | WAP 2.5-10 | 1.5 mm | 50 | 1050000000 |
| Blue Wemid | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 | WAP 2.5-10 BL | 1.5 mm | 50 | 1050080000 |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | 1050100000 |
| Blue Wemid | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 | WAP 16+35 WTW 2.5-10 BL | 1.5 mm | 20 | 1050180000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Cover** | | | | | | | | |
| With lightning flash symbol | WAD 4 GE BED | 4.5 mm | 50 | 1072000000 | WAD 4 GE BED | 4.5 mm | 50 | 1072000000 |
| Blank, white | WAD 4 WS | 4.5 mm | 50 | 1072100000 | WAD 4 WS | 4.5 mm | 50 | 1072100000 |

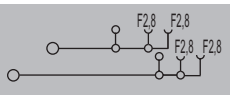
| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 12/5 | DEK 5/5 / WS 12/5 |
| **Note** | Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000 | Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000 |

## WDK 2.5 F — 2.5 mm²

**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 mm² conductor.

| Type | Qty. | Order No. |
|---|---|---|
| WDK 2.5 F | 100 | 1021600000 |
| WDK 2.5 F BL | 100 | 1021680000 |

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

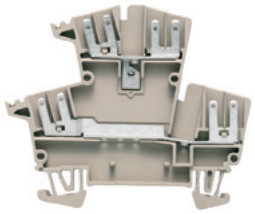
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 2.5/2 | 32 A | 50 | 1053660000 |
| WQV 2.5/3 | 32 A | 50 | 1053760000 |
| WQV 2.5/4 | 32 A | 50 | 1053860000 |
| WQV 2.5/10 | 32 A | 20 | 1054460000 |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 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

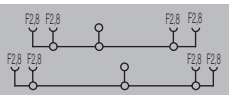
Insulating sleeve for cable-lug connector, 2.8 mm, Order no. 0386060000

## WDK 2.5 FF — 1 mm²

**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 |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

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 mm² conductor.

| Type | Qty. | Order No. |
|---|---|---|
| WDK 2.5 FF | 100 | 1021700000 |

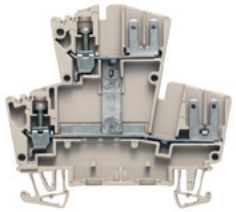
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 2.5/2 | 32 A | 50 | 1053660000 |
| WQV 2.5/3 | 32 A | 50 | 1053760000 |
| WQV 2.5/4 | 32 A | 50 | 1053860000 |
| WQV 2.5/10 | 32 A | 20 | 1054460000 |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 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 mm²

**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 mm² conductor.

| Type | Qty. | Order No. |
|---|---|---|
| WDK 2.5 FV | 100 | 1022400000 |

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

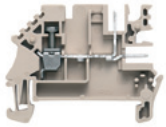
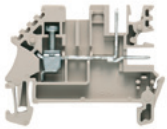
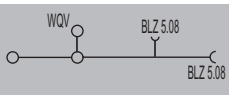
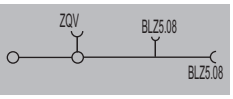
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 2.5/2 | 32 A | 50 | 1053660000 |
| WQV 2.5/3 | 32 A | 50 | 1053760000 |
| WQV 2.5/4 | 32 A | 50 | 1053860000 |
| WQV 2.5/10 | 32 A | 20 | 1054460000 |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| WAP WDK2.5 BL | 1.5 mm | 20 | 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 connection

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

| | | WDU 1.5 BLZ 5.08 WQV | WDU 1.5 BLZ 5.08 ZQV |
|---|---|---|---|
| | | 1.5 mm² | 1.5 mm² |
| | | Screwable cross-connection | Plug-in cross-connection |
| | |  |  |
| Width/Length/Height of lowest version | mm | 5.08 x 49 x 37.5 | 5.08 x 49 x 37.5 |
| max. current / max. cond. cross-section | A/mm² | 16 / 4 | 16 / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.13...4 |
| | |   |   |

## Technical data

| | | | | |
|---|---|---|---|---|
| **Rated data** | | | | |
| Rated voltage | V | IEC 60947-7-1, IEC 61984 | | |
| Rated current | A | IEC 250 | UL 300 (D) | CSA 300 (C) |
| Rated cross-section | mm² | 16 | 10 (D) | 10 (C) |
| Rated impulse withstand voltage / Pollution severity | | 1.5 | AWG 22...12 | AWG 26...12 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | 4 kV / 3 | | |
| Approvals | | A3 / V-0 | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection | Plug-in connection | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5 | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | |
| **Note** | | Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm² conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). | | |

| | | | | |
|---|---|---|---|---|
| **Rated data** | | | | |
| Rated voltage | V | IEC 60947-7-1, IEC 61984 | | |
| Rated current | A | IEC 250 | UL | CSA |
| Rated cross-section | mm² | 16 | | |
| Rated impulse withstand voltage / Pollution severity | | 1.5 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | 4 kV / 3 | | |
| Approvals | | A3 / V-0 | | |
| **Clamped conductors (H05V/H07V)** | | Rated connection | Plug-in connection | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5/ 0.5...2.5 | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | |
| **Note** | | Size with BLZ female header: L=57.5 mm/H=55.5 mm 2.5 mm² conductor w. ferrule with plastic collar, only with Order no. 1333100000 (500 pieces). | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WDU 1.5/BLZ 5.08 | 100 | 1577340000 |
| **Note** | WDU 1.5 BLA Order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ. | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WDU 1.5/ZQV/BLZ 5.08 | 100 | 1784460000 |

## Accessories

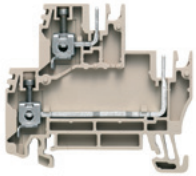
| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 10-pole | | | | |
| 2-pole | | | | |
| 3-pole | | | | |
| 4-pole | | | | |
| **End plate / Partition plate** | | Width | | |
| With assembly peg | WAP WDU1.5/BLZ/ZA | 2.5 mm | 50 | 1577320000 |
| Without peg | WAP WDU1.5/BLZ | 2.5 mm | 50 | 1577330000 |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Mounting block for socket connector** | | | | |
| With assembly peg | WBB ZA WDU1.5/BL 10/10 | 5 mm | 10 | 1068260000 |
| Without peg | WBB WDU1.5/BL... | 5 mm | 10 | 1068160000 |
| **Socket blocks** | | | | |
| 4-pole | | | | |
| 6-pole | | | | |
| 8-pole | | | | |
| (with lateral dovetail) 4-pole | | | | |
| (with lateral dovetail) 6-pole | | | | |
| (with lateral dovetail) 8-pole | | | | |
| **Coding** | | | | |
| Coding element | | | | |
| **Miscellaneous accessories** | | | | |
| Cover for unused pins | | | | |

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| **End plate / Partition plate** | | Width | | |
| With assembly peg | WAP WDU1.5/BLZ/ZA | 2.5 mm | 50 | 1577320000 |
| Without peg | WAP WDU1.5/BLZ | 2.5 mm | 50 | 1577330000 |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Mounting block for socket connector** | | | | |
| With assembly peg | WBB ZA WDU1.5/BL 10/10 | 5 mm | 10 | 1068260000 |
| Without peg | WBB WDU1.5/BL... | 5 mm | 10 | 1068160000 |
| **Socket blocks** | | | | |
| 4-pole | BLZ 5.08/04/180 SN OR BX | | 100 | 1526660000 |
| 6-pole | BLZ 5.08/06/180 SN OR BX | | 50 | 1526860000 |
| 8-pole | BLZ 5.08/08/180 SN OR BX | | 50 | 1527060000 |
| (with lateral dovetail) 4-pole | BLZ 5.08/04/180B SN OR BX | | 100 | 1528960000 |
| (with lateral dovetail) 6-pole | BLZ 5.08/06/180B SN OR BX | | 50 | 1529160000 |
| (with lateral dovetail) 8-pole | BLZ 5.08/08/180B SN OR BX | | 50 | 1529360000 |
| **Coding** | | | | |
| Coding element | BLZ/SL KO SW | | 50 | 1545710000 |
| **Miscellaneous accessories** | | | | |
| Cover for unused pins | WAD WDU1.5/BLZ/BLA | 9.48 mm | 20 | 1577400000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 12/5 | DEK 5/5 / WS 12/5 |
| **Note** | | Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000). | Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000). |

## WDK 2.5 BLZ/5.08 — 2.5 mm²

**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 |

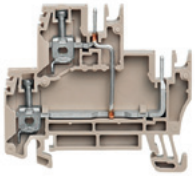
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDK2.5/BLZ/M.ZA | 5.08 mm | 20 | 1070100000 |
| WAP WDK2.5/BLZ/0.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 mm²



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 | |

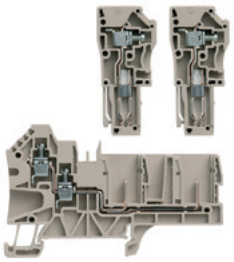
| Type | Qty. | Order No. |
|---|---|---|
| WDK 2.5/BLZ/5.08/ZA V | 100 | 1027410000 |

| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | Width | | |
| WAP WDK2.5/BLZ/M.ZA | 5.08 mm | 20 | 1070100000 |
| WAP WDK2.5/BLZ/0.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

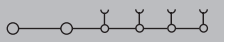
## WT4 4 AN/2 — 4 mm²

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 | 6.1 x 84.3 x 50.7 |
| max. current / max. cond. cross-section | A/mm² | / 6 |
| Max. clamping range | mm² | 0.5...6 |



## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 800 | 600 (C) | |
| Rated current | A | 32 | 30 (C) | |
| Rated cross-section | mm² | 4 | AWG 26...10 | |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A4 / V-0 | |
| Approvals | | | | |

| Clamped conductors (H05V/H07V) | | Rated connection | Further connection |
|---|---|---|---|
| Solid / stranded | mm² | 0.5...6 / 0.5...6 | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | |
| Tightening torque range (terminal screw) | | | |
| Stripping length / Blade size | mm/- | / 0.6 x 3.5 mm | |

**Note**

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WT4 4AN/2 | 50 | 1107680000 |

**Note**

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 4N/2 GE | 32 A | 60 | 1758250000 |
| 3-pole | ZQV 4N/3 GE | 32 A | 60 | 1762630000 |
| 4-pole | ZQV 4N/4 GE | 32 A | 60 | 1762620000 |
| 10-pole | ZQV 4N/10 GE | 32 A | 20 | 1758260000 |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | WAP WT4/4AN/2 | 1.5 mm | 50 | 1107780000 |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Miscellaneous accessories WeiCoS** | | | | |
| Locking element | ZVR ZP4 | 5.5 mm | 25 | 1855250000 |
| Coding element | KOSF ZT4 | 5.4 mm | 50 | 1856860000 |
| Strain relief | ZZE ZP4 | 12.5 mm | 25 | 1855260000 |
| **Screwdriver** | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Plug-in connector** | | | | |
| | WP4/1AN/1 | | 50 | 1107790000 |
| | WP4/1AN/1 ZA | | 50 | 1108490000 |
| | WP4/1AN/10 | | 10 | 1107800000 |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/6 | |

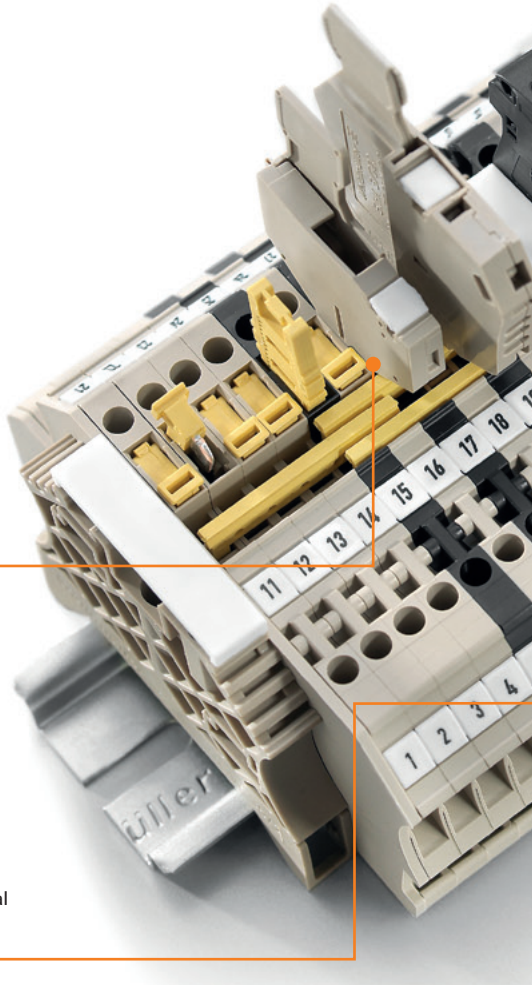
**Note**

# WMF marshalling terminals

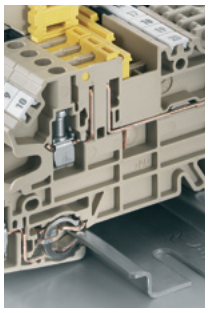
## Multi-function terminal block products for marshalling signals

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.

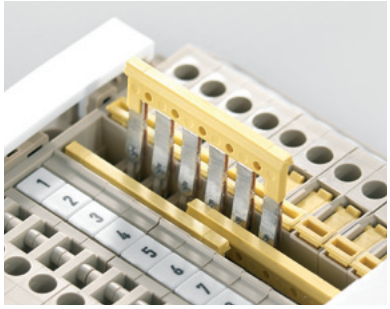


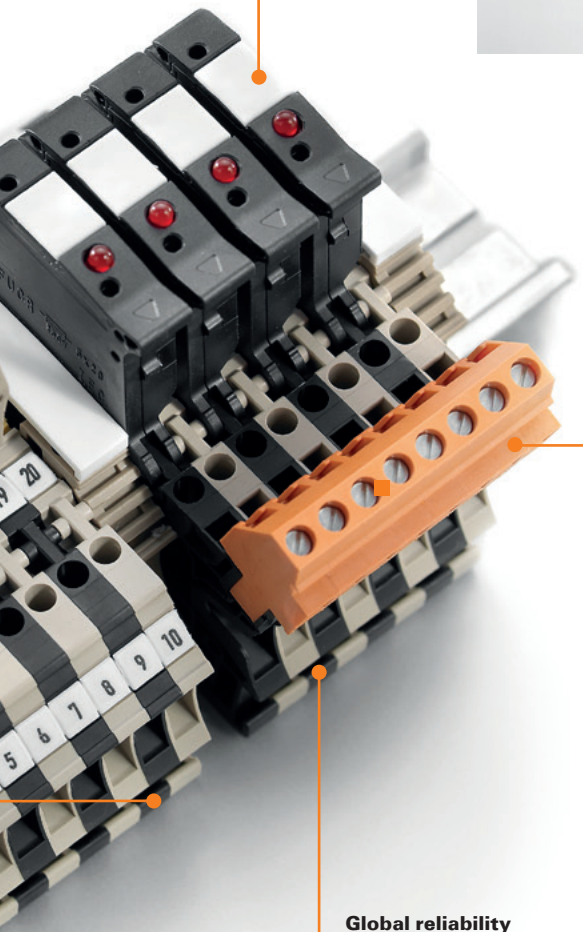
**Saves space in the switching cabinet**
The 5 mm width allows for high-density wiring. The integrated shield/PE connection replaces the shield-connection devices or the PE terminal blocks.

**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.

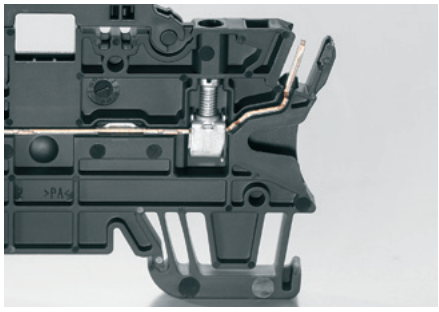
**Optional LED status indicator**
Easy identification during troubleshooting and no interference signals in control circuit – because of optional bright LED status display and minimal leakage current (less than 0.5 mA).

**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.

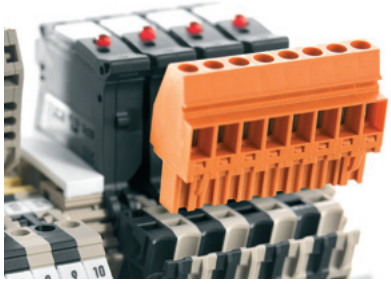




**Global reliability**
Weidmüller´s proven screw-connection mechanism guarantees that the product will be easy to operate, recognise, and maintain anywhere throughout the world.

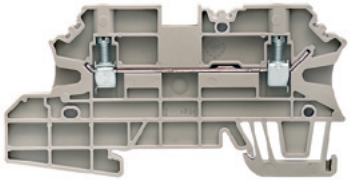


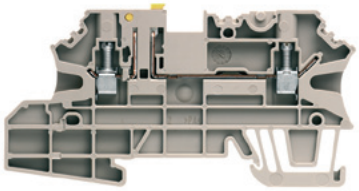
**Marshalling with Plug & Play**
Instead of using a screw connection to contact each signal at the routing levels, pre-assembled cable sets with BLZ mating profiles are used. This saves you valuable wiring time in the field.



## Multi-functional terminals

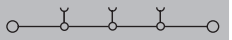
| | WMF 2.5 | 2.5 mm² | WMF 2.5 DI | 2.5 mm² |
|---|---|---|---|---|
| | NEW | | NEW | |

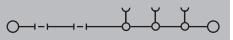




In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WMF 2.5 | WMF 2.5 DI |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.08 x 88 x 45 | 5.08 x 88 x 45 |
| max. current / max. cond. cross-section | A/mm² | 32 / 4 | 20 / 4 |
| Max. clamping range | mm² | 0.5...4 | 0.5...4 |





## Technical data

| Rated data | | WMF 2.5 IEC | WMF 2.5 UL | WMF 2.5 CSA | WMF 2.5 DI IEC | WMF 2.5 DI UL | WMF 2.5 DI CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 800 | 600 (C) | 600 (C) | 500 | 600 (C) | |
| Rated current | A | 24 | 20 (C) | 26 (C) | 20 | 19 (C) | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | AWG 26...12 | |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | | 0.5...0.6 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | WMF 2.5 Type | Qty. | Order No. | WMF 2.5 DI Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WMF 2.5 | 50 | 1143070000 | WMF 2.5 DI | 50 | 1143020000 |
| Blue Wemid | WMF 2.5 BL | 50 | 1270040000 | WMF 2.5 DI BL | 50 | 1270070000 |
| **Note** | | | | | | |

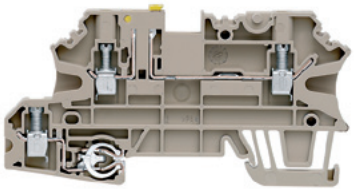
## Accessories

| Pluggable cross-connection | WMF 2.5 Type | current | Qty. | Order No. | WMF 2.5 DI Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP WMF2.5 | 1.5 mm | 50 | 1142990000 | AP WMF2.5 | 1.5 mm | 50 | 1142990000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | | | | | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | | | | | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | | | | | 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 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | | | | | | | | |
| with wire jumper | | | | | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | | | | | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | | | | | | | | |

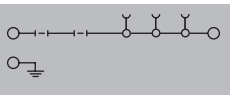
| Identification systems (see assortment in catalogue 7) | WMF 2.5 | WMF 2.5 DI |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | |

## WMF 2.5 DI PE — 2.5 mm²

**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 |

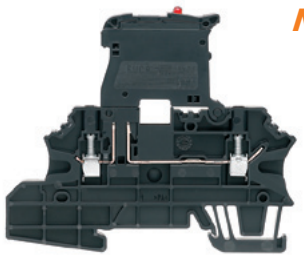
| Type | Qty. | Order No. |
|---|---|---|
| WMF 2.5 DI PE | 50 | 1143030000 |
| WMF 2.5 DI PE BL | 50 | 1270080000 |

| 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 |

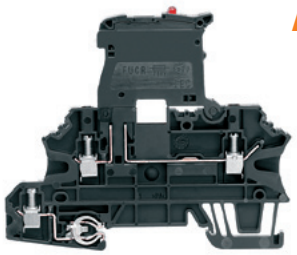
DEK 5/5 / WS 10/5

## Multi-functional terminals

| | WMF 2.5 FU | 2.5 mm² | WMF 2.5 FU PE | 2.5 mm² |
|---|---|---|---|---|



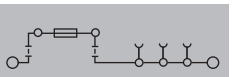
NEW

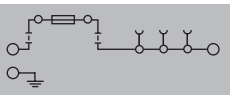


NEW

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

| | | WMF 2.5 FU | WMF 2.5 FU PE |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.08 x 88 x 74.5 | 5.08 x 88 x 74.5 |
| max. current / max. cond. cross-section | A/mm² | **6.3 / 4** | **6.3 / 4** |
| Max. clamping range | mm² | **0.5...4** | **0.5...4** |





## Technical data

| Rated data | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 250 | 600 (C) | 600 (C) | 250 | 600 (C) | 600 (C) |
| Rated current | A | 6.3 | 17 (C) | 17 (C) | 6.3 | 17 (C) | 17 (C) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | | | A3 / V-0 | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | | 0.5...0.6 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

## Ordering data

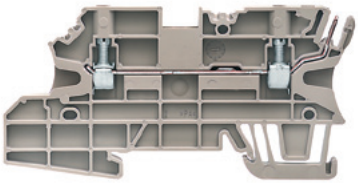
| Version | WMF 2.5 FU | Type | Qty. | Order No. | WMF 2.5 FU PE | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| Black Wemid | | WMF 2.5 FU SW | 50 | 1162920000 | | WMF 2.5 FU PE SW | 50 | 1163040000 |
| 10-36 V AC/DC, with LED | | WMF 2.5 FU 10-36V SW | 50 | 1162930000 | | WMF 2.5 FU PE 10-36V SW | 50 | 1163050000 |
| 30-70 V AC/DC, with LED | | WMF 2.5 FU 30-70V SW | 50 | 1162940000 | | WMF 2.5 FU PE 30-70V SW | 50 | 1163060000 |
| 60-150 V AC/DC, with LED | | WMF 2.5 FU 60-150V SW | 50 | 1162950000 | | WMF 2.5 FU PE 60-150V SW | 50 | 1163070000 |
| 100 – 250 V AC/DC, with LED | | WMF 2.5 FU 100-250V SW | 50 | 1162960000 | | WMF 2.5 FU PE 100-250V SW | 50 | 1163080000 |
| **Note** | | The WMF FU terminals may not be aligned directly under one another. | | | | The WMF FU terminals may not be aligned directly under one another. | | |

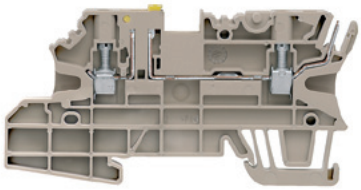
## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP WMF2.5 | 1.5 mm | 50 | 1142990000 | AP WMF2.5 | 1.5 mm | 50 | 1142990000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| | FUCR SW | 8 mm | 10 | 1167630000 | FUCR SW | 8 mm | 10 | 1167630000 |
| | FUCR 10-36V SW | 8 mm | 10 | 1167640000 | FUCR 10-36V SW | 8 mm | 10 | 1167640000 |
| | FUCR 100-250V SW | 8 mm | 10 | 1167680000 | FUCR 100-250V SW | 8 mm | 10 | 1167680000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | | | | | |

## Multi-functional terminals

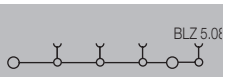
| | WMF 2.5 BLZ | 2.5 mm² | WMF 2.5 DI BLZ | 2.5 mm² |
|---|---|---|---|---|
| | NEW | | NEW | |

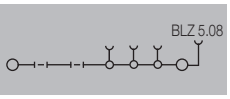




In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WMF 2.5 BLZ | WMF 2.5 DI BLZ |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.08 x 90 x 45 | 5.08 x 90 x 45 |
| max. current / max. cond. cross-section | A/mm² | 32 / 4 | 20 / 4 |
| Max. clamping range | mm² | 0.5...4 | 0.5...4 |




## Technical data

| Rated data | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) | 250 | | |
| Rated current | A | 24 | 10 (D) | 10 (D) | 20 | | |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | | | A3 / V-0 | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | | 0.5...0.6 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | With BLZ plug the nominal current is reduced to 15.5 A. | | | With BLZ plug the nominal current is reduced to 15.5 A. | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WMF 2.5 BLZ | 50 | 1143050000 | WMF 2.5 DI BLZ | 50 | 1143000000 |
| **Note** | | | | | | |

## Accessories

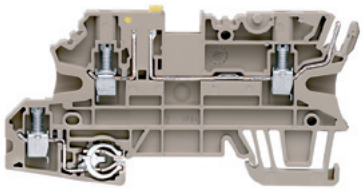
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP WMF2.5 | 1.5 mm | 50 | 1142990000 | AP WMF2.5 | 1.5 mm | 50 | 1142990000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | | | | | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | | | | | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | | | | | 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 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | | | | | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | | | | | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | | | | | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | | | | | TNST | | 50 | 1833090000 |

| Identification systems (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 10/5 | DEK 5/5 / WS 10/5 |
| **Note** | | |

## Multi-functional terminals

**WMF 2.5 DI BLZ PE** | **2.5 mm²**

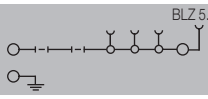
**NEW**



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 | 5.08 x 90 x 45 |
| max. current / max. cond. cross-section | A/mm² | **20 / 4** |
| Max. clamping range | mm² | **0.5...4** |

BLZ 5.08



## Technical data

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) |
| Rated current | A | 20 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | |
| **Note** | | With BLZ plug the nominal current is reduced to 15.5 A. | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WMF 2.5 DI BLZ PE | 50 | **1143010000** |
| **Note** | | | |

## Accessories

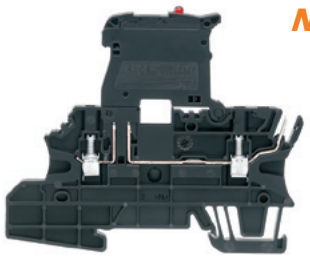
| Pluggable cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | **1693800000** |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | **1693810000** |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | **1693820000** |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | **1693880000** |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | **1909000000** |
| **End plate / Partition plate** | | **Width** | | |
| Dark beige Wemid | AP WMF2.5 | 1.5 mm | 50 | **1142990000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | **1059000000** |
| **Screwdriver** | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Holder for cartridge fuse 5 x 20mm** | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | **7921560000** |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | **7921570000** |
| 140 - 250 V AC/DC, red LED | 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** |
| **Module connector (max, 250 V)** | | | | |
| without fittings | BEST | 5.1 mm | 50 | **1833100000** |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | **1878570000** |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | **1878560000** |
| **Disconnect plug** | | | | |
| removable, as replacement for release lever | TNST | | 50 | **1833090000** |

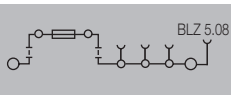
| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| | Marking tags | DEK 5/5 / WS 10/5 |
| **Note** | | |

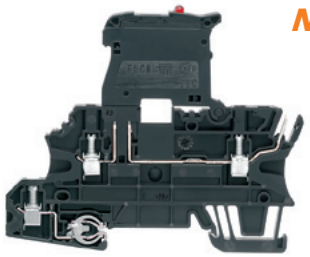
## Multi-functional terminals

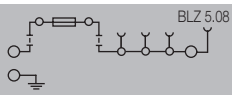
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WMF 2.5 FU BLZ | WMF 2.5 FU BLZ PE |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | NEW | NEW |
| Width/Length/Height of lowest version | mm | 5.08 x 90 x 74.5 | 5.08 x 90 x 74.5 |
| max. current / max. cond. cross-section | A/mm² | 6.3 / 4 | 6.3 / 4 |
| Max. clamping range | mm² | 0.5...4 | 0.5...4 |








### Technical data

| Rated data | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) | 250 | 300 (D) | 300 (D) |
| Rated current | A | 6.3 | 10 (D) | 10 (D) | 6.3 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | | A3 / V-0 | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Further connection** | | **Rated connection** | **Further connection** | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | | 0.5...0.6 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | | | | | | |

### Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Black Wemid | WMF 2.5 FU BLZ SW | 50 | 1162980000 | WMF 2.5 FU BLZ PE SW | 50 | 1162820000 |
| 10-36 V AC/DC, with LED | WMF 2.5 FU BLZ 10-36V SW | 50 | 1162990000 | WMF 2.5 FU BLZ PE 10-36V SW | 50 | 1162830000 |
| 30-70 V AC/DC, with LED | WMF 2.5 FU BLZ 30-70V SW | 50 | 1163000000 | WMF 2.5 FU BLZ PE 30-70V SW | 50 | 1162840000 |
| 60-150 V AC/DC, with LED | WMF 2.5 FU BLZ 60-150V SW | 50 | 1163010000 | WMF 2.5 FU BLZ PE 60-150V SW | 50 | 1162850000 |
| 100 – 250 V AC/DC, with LED | WMF 2.5 FU BLZ 100-250V SW | 50 | 1163020000 | WMF 2.5 FU BLZ PE 100-250V SW | 50 | 1162860000 |
| **Note** | | | | | | |

### Accessories

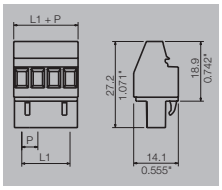
| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 | ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| 3-pole | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 | ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| 4-pole | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 | ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| 10-pole | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 | ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| 20-/24-pole | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 | ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP WMF2.5 | 1.5 mm | 50 | 1142990000 | AP WMF2.5 | 1.5 mm | 50 | 1142990000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Screwdriver** | | | | | | | | |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |
| **Holder for cartridge fuse 5 x 20mm** | | | | | | | | |
| 400 V AC/DC, without LED | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 | SIHA 3/G20 | 5.95 mm | 25 | 7921560000 |
| 10 - 36 V AC/DC, red LED | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 | SIHA 3/G20/LD 10-36V | 5.95 mm | 25 | 7921570000 |
| 140 - 250 V AC/DC, red LED | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 | SIHA 3/G20/LD 140-250V | 5.95 mm | 25 | 7921600000 |
| | FUCR SW | 8 mm | 10 | 1167630000 | FUCR SW | 8 mm | 10 | 1167630000 |
| | FUCR 10-36V SW | 8 mm | 10 | 1167640000 | FUCR 10-36V SW | 8 mm | 10 | 1167640000 |
| | FUCR 100-250V SW | 8 mm | 10 | 1167680000 | FUCR 100-250V SW | 8 mm | 10 | 1167680000 |
| **Module connector (max, 250 V)** | | | | | | | | |
| without fittings | BEST | 5.1 mm | 50 | 1833100000 | BEST | 5.1 mm | 50 | 1833100000 |
| with wire jumper | BEST/DRBR | 5.1 mm | 50 | 1878570000 | BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| With 1N4007 diode | BEST/D | 5.1 mm | 50 | 1878560000 | BEST/D | 5.1 mm | 50 | 1878560000 |
| **Disconnect plug** | | | | | | | | |
| removable, as replacement for release lever | TNST | | 50 | 1833090000 | TNST | | 50 | 1833090000 |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 / WS 10/5 | | | | DEK 5/5 / WS 10/5 | | | |
| **Note** | | | | | | | | |

## Technical data

| Rated data according to IEC 60664-1 / IEC 61984 | | | | |
|---|---|---|---|---|
| Clamping range, max. | mm² | 0.13...4 | | |
| Solid core H05(07) V-U | mm² | 0.2...4 | | |
| Stranded H07 V-R | mm² | | | |
| Flexible H05(07) V-K | mm² | 0.2...4 | | |
| Flexible with ferrule | mm² | 0.2...4 | | |
| Ferrule with plastic collar | mm² | 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** |
| | A | 15 | | 12 |
| **Overvoltage category** | | **III** | **III** | **II** |
| **Pollution severity** | | **3** | **2** | **2** |
| 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.**

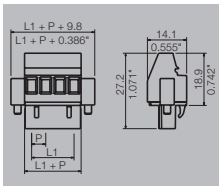



### Ordering data

| 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

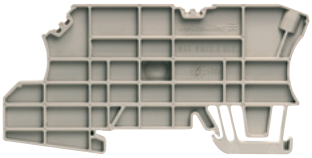
| Type | Qty. | Order No. |
|---|---|---|
| FUCR SW | 10 | **1167630000** |
| FUCR 10-36V SW | 10 | **1167640000** |
| FUCR 30-70V SW | 10 | **1167650000** |
| FUCR 60-150V SW | 10 | **1167670000** |
| FUCR 100-250V SW | 10 | **1167680000** |

## AP WMF 2.5

### Ordering data

| Type | Qty. | Order No. |
|---|---|---|
| AP WMF 2.5 | 50 | **1142990000** |

## WBB WMF 2.5 BLZ

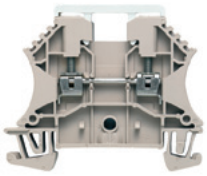


### Ordering data

| Type | Qty. | Order No. |
|---|---|---|
| WBB WMF 2.5 BLZ | 10 | **1142980000** |

## Thermocouple terminals

**WDU 2.5/TC** | **2.5 mm²**



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 | 10.2 x 60 x 50.5 |
| max. current / max. cond. cross-section | A/mm² | **/ 2.5** |
| Max. clamping range | mm² | **0.13...2.5** |

### Technical data

IEC 60584, IEC 60947-7-1 — Ex e II — II 2 G D

| | | IEC | UL | CSA | EN 60079-7 |
|---|---|---|---|---|---|
| **Rated data** | | | | | |
| Rated voltage | V | | | | 55 |
| Rated current | A | | | | 1 |
| Rated cross-section | mm² | 2.5 | | | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | | | / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | | A2 / V-0 | |
| Approvals | | | | | SIRA 02ATEX3153 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...2.5 / 1.5...2.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...2.5 | | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | |
| **Note** | | | | | |

### Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| (NiCr - Ni) type K | WDU 2.5/TC TYP K | 50 | **1024100000** |
| (Cu - CuNi) type T | WDU 2.5/TC TYP T | 50 | **1024200000** |
| (Fe-CuNi) type J | WDU 2.5/TC TYP J | 50 | **1024300000** |
| (Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR | WDU 2.5/TC TYP SR | 50 | **1024400000** |
| (Pt 10% Rh - Pt 6% Rh) type B | WDU 2.5/TC TYP B | 50 | **1033700000** |
| (NiCr - CuNi) type E | WDU 2.5/TC TYP E | 50 | **1033300000** |
| (NiSil - Nicrosil) type N | WDU 2.5/TC TYP N | 50 | **1041500000** |
| **Note** | | | |

### Accessories

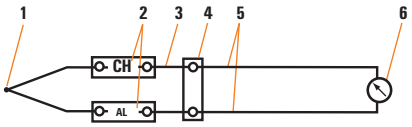
| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |

| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| Marking tags | DEK 5/5 | |
| **Note** | | |

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

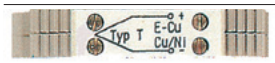
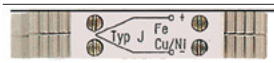
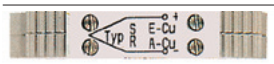
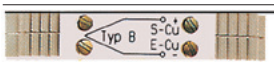



1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply and return conductors
6 Measuring instrument

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.

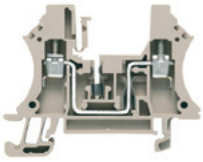
### Technical data

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 |

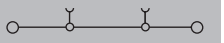
## WPO 4 — 4 mm²

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 | 6 x 60 x 47 |
| max. current / max. cond. cross-section | A/mm² | **32 / 4** |
| Max. clamping range | mm² | **0.13...4** |



### Technical data

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 250 | 300 (D) | 300 (D) |
| Rated current | A | 32 | 10 (D) | 10 (D) |
| Rated cross-section | mm² | 4 | AWG 26...12 | AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.5...1 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 8 / 0.6 x 3.5 mm | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | |
| Solid / stranded | mm² | 0.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 | | |
| **Note** | | The tightening torque is 2 Nm when connecting two conductors. | | |

### Ordering data

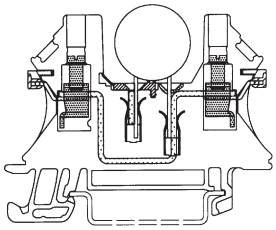
| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WPO 4 | 50 | **1036000000** |
| **Note** | | | |

### Accessories

| Intermediate frame | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Thickness 2,5 mm | ZR WPO4 DB | 2.5 mm | 20 | **1071100000** |
| **Busbar** | | | | |
| 1 m | SSCH 7.3X1.2X1000 | 7.3 mm | 1 | **1071200000** |

| | | |
|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | |
| Marking tags | | DEK 5/6 / WS 12/5 |
| **Note** | | |

### WPO 4 with varistor

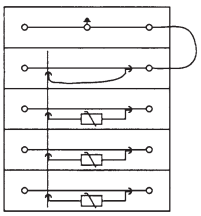


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.
These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be 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 eletronic components under load!

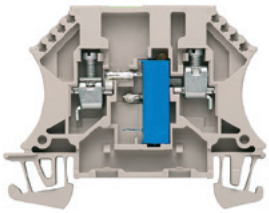


Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

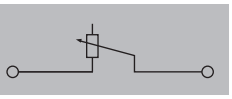
Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

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

## WDUL 4/... 4 mm²



| | | |
|---|---|---|
| Width/Length/Height of lowest version | mm | 6.5 x 60 x 47 |
| max. current / max. cond. cross-section | A/mm² | **6 / 6** |
| Max. clamping range | mm² | **0.13...6** |



## Technical data

IEC 60947-7-1

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated cross-section | mm² | 4 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A4 / V-0 | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | | 0.5...6 / 1.5...6 | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.8 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 9 / 0.6 x 3.5 mm | | |
| **Note** | | | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| 10 Ω | WDUL 4/10 | 10 | **1027000000** |
| 10 kΩ | WDUL 4/10K | 10 | **1027700000** |
| 100 Ω | WDUL 4/100 | 10 | **1027300000** |
| 500 Ω | WDUL 4/500 | 10 | **1027400000** |
| 1 kΩ | WDUL 4/1K | 10 | **1027500000** |
| 5 kΩ | WDUL 4/5K | 10 | **1027600000** |
| 50 kΩ | WDUL 4/50K | 10 | **1027800000** |
| 500 kΩ | WDUL 4/500K | 10 | **1028000000** |
| Without potentiometer | WDUL 4 | 10 | **8161820000** |
| **Note** | | | |

## Accessories

| | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| **End plate / Partition plate** | | | | |
| Dark beige Wemid | WAP 2.5-10 | 1.5 mm | 50 | **1050000000** |
| Dark beige Wemid | WAP 16+35 WTW 2.5-10 | 1.5 mm | 20 | **1050100000** |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** |
| Dark beige Wemid | EW 35 | 8.5 mm | 50 | **0383560000** |
| **Screwdriver** | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | **9006060000** |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** |
| **Shield bus** | | | | |
| | LS 2.8 WDU2.5-10 | 1.15 mm | 100 | **1056400000** |
| **Identification systems** (see assortment in catalogue 7) | | | | |
| Marking tags | DEK 5/5 | | | |
| **Note** | | | | |

### 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

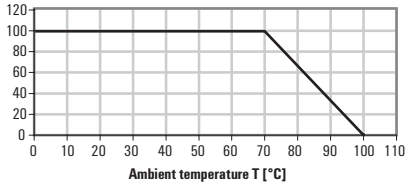
Rated current: 120 mA

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**

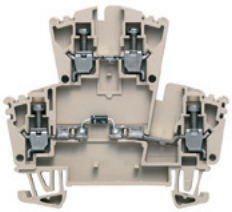


Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request.

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

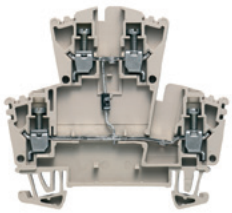
## WDK 2.5/D — 2.5 mm²

**Reverse polarity protection**

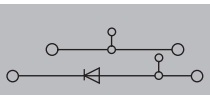


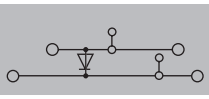
## WDK 2.5/D/1 — 2.5 mm²

**Suppression circuit e. g. for contactor**



| | | WDK 2.5/D | WDK 2.5/D/1 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 69 x 63 | 5.1 x 69 x 63 |
| max. current / max. cond. cross-section | A/mm² | **10 / 4** | **10 / 4** |
| Max. clamping range | mm² | **0.05...4** | **0.05...4** |





## Technical data

| | | WDK 2.5/D | WDK 2.5/D/1 |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 0 / 300 (C) | 400 / 300 (C) / 300 (C) |
| Rated current | A | 10 / 1 (C) | 10 / 1 (C) / 1 (C) |
| Rated cross-section | mm² | 2.5 / AWG 30...12 | 2.5 / AWG 30...12 / AWG 26...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / V-0 | A3 / V-0 |
| Approvals | | | |
| **Electronic fixtures** | | | |
| Component voltage / Component current | V/A | 1000 / 1 | 1000 / 1 |
| Operating voltage for display, max. / Current | V/A | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | 0.4...0.6 Nm (M 2.5) |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | Rated current is 10 A for continuous busbars only. Diode 1 N 4007 | Rated current is 10 A for continuous busbars only. Diode 1 N 4007 |

## Ordering data

| Version | WDK 2.5/D Type | Qty. | Order No. | WDK 2.5/D/1 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 2.5 1D | 25 | **8025610000** | WDK 2.5 1D A.1 | 25 | **1023400000** |
| Dark beige Wemid (red LED) | | | | | | |
| Dark beige Wemid (green LED) | | | | | | |
| **Note** | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | |

## Accessories

| Screwable cross-connection | WDK 2.5/D Type | current | Qty. | Order No. | WDK 2.5/D/1 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 2.5/2 | 32 A | 50 | **1053660000** | WQV 2.5/2 | 32 A | 50 | **1053660000** |
| 3-pole | WQV 2.5/3 | 32 A | 50 | **1053760000** | WQV 2.5/3 | 32 A | 50 | **1053760000** |
| 4-pole | WQV 2.5/4 | 32 A | 50 | **1053860000** | WQV 2.5/4 | 32 A | 50 | **1053860000** |
| 10-pole | WQV 2.5/10 | 32 A | 20 | **1054460000** | WQV 2.5/10 | 32 A | 20 | **1054460000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5 | 1.5 mm | 20 | **1059100000** | WAP WDK2.5 | 1.5 mm | 20 | **1059100000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Screwdriver** | | | | | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | **9006060000** | SWIFTY SET | 18 mm | 1 | **9006060000** |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |

| **Identification systems** (see assortment in catalogue 7) | | |
|---|---|---|
| Marking tags | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | |

## 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.

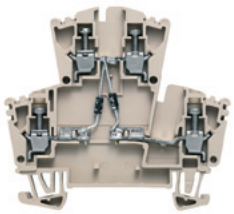
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

### WDK 2.5/D/2 — 2.5 mm²

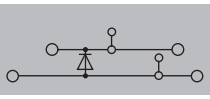
**Suppression circuit e. g. for contactor**

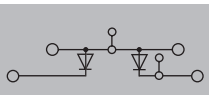
### WDK 2.5/D/4 — 2.5 mm²

**Lamp test circuits**



| | | WDK 2.5/D/2 | WDK 2.5/D/4 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 5.1 x 69 x 63 | 5.1 x 69 x 63 |
| max. current / max. cond. cross-section | A/mm² | **10 / 4** | **10 / 4** |
| Max. clamping range | mm² | **0.05...4** | **0.05...4** |





## Technical data

| Rated data | | WDK 2.5/D/2 | | | WDK 2.5/D/4 | | |
|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | | IEC 60947-7-1 | | |
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 400 | 300 (C) | 300 (C) | 400 | | |
| Rated current | A | 10 | 1 (C) | 1 (C) | 10 | | |
| Rated cross-section | mm² | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | | |
| Rated impulse withstand voltage / Pollution severity | | | 6 kV / 3 | | | 6 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | A3 / V-0 | | | A3 / V-0 | |
| Approvals | | | | | | | |
| **Electronic fixtures** | | | | | | | |
| Component voltage / Component current | V/A | 1000 / 1 | | | 1000 / 1 | | |
| Operating voltage for display, max. / Current | V/A | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | 0.5...4 / 1.5...4 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | | | 0.5...4 / 0.5...2.5 | | |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | | | 0.4...0.6 Nm (M 2.5) | | |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | | | 10 / 0.6 x 3.5 mm | | |
| **Note** | | Rated current is 10 A for continuous busbars only. Diode 1 N 4007 | | | Rated current is 10 A for continuous busbars only. Diode 1 N 4007 | | |

## Ordering data

| Version | WDK 2.5/D/2 Type | Qty. | Order No. | WDK 2.5/D/4 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WDK 2.5 1D A.2 | 25 | **1023300000** | WDK 2.5 2D 1.A | 25 | **8014670000** |
| Dark beige Wemid (red LED) | | | | | | |
| Dark beige Wemid (green LED) | | | | | | |
| **Note** | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | |

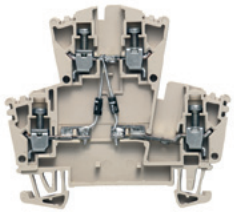
## Accessories

| Screwable cross-connection | WDK 2.5/D/2 Type | current | Qty. | Order No. | WDK 2.5/D/4 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 2.5/2 | 32 A | 50 | **1053660000** | WQV 2.5/2 | 32 A | 50 | **1053660000** |
| 3-pole | WQV 2.5/3 | 32 A | 50 | **1053760000** | WQV 2.5/3 | 32 A | 50 | **1053760000** |
| 4-pole | WQV 2.5/4 | 32 A | 50 | **1053860000** | WQV 2.5/4 | 32 A | 50 | **1053860000** |
| 10-pole | WQV 2.5/10 | 32 A | 20 | **1054460000** | WQV 2.5/10 | 32 A | 20 | **1054460000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5 | 1.5 mm | 20 | **1059100000** | WAP WDK2.5 | 1.5 mm | 20 | **1059100000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Screwdriver** | | | | | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | **9006060000** | SWIFTY SET | 18 mm | 1 | **9006060000** |
| Standard | SDS 0.6X3.5X100 | | 1 | **9008330000** | SDS 0.6X3.5X100 | | 1 | **9008330000** |

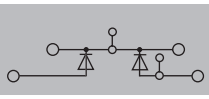
| Identification systems | (see assortment in catalogue 7) | | |
|---|---|---|---|
| Marking tags | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | |

## WDK 2.5/D/5 — 2.5 mm²

**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 |

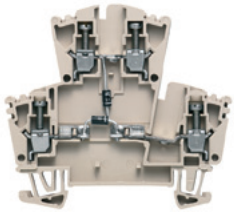
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| 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 |

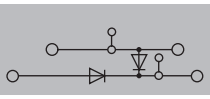
DEK 5/5 / WS 8/5

## WDK 2.5/D/6 — 2.5 mm²

**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 |

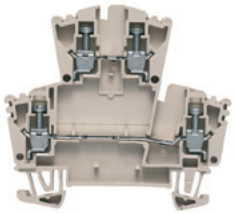
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

| 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 |

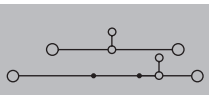
DEK 5/5 / WS 8/5

## WDK 2.5/D — 2.5 mm²

**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 |

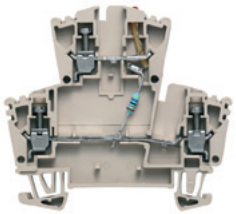
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

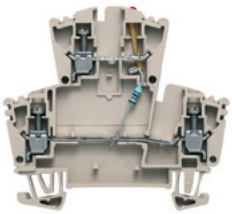
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQV 2.5/2 | 32 A | 50 | 1053660000 |
| WQV 2.5/3 | 32 A | 50 | 1053760000 |
| WQV 2.5/4 | 32 A | 50 | 1053860000 |
| WQV 2.5/10 | 32 A | 20 | 1054460000 |
| | Width | | |
| WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| | | | |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| | | | |
| SWIFTY SET | 18 mm | 1 | 9006060000 |
| SDS 0.6X3.5X100 | | 1 | 9008330000 |

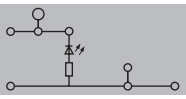
DEK 5/5 / WS 8/5

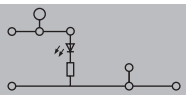
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | | WDK 2.5 LD + - | WDK 2.5 LD - + |
|---|---|---|---|
| | | 2.5 mm² | 2.5 mm² |
| | | DC voltage indicator + / - | DC voltage indicator - / + |
| Width/Length/Height of lowest version | mm | 5.1 x 69 x 63 | 5.1 x 69 x 63 |
| max. current / max. cond. cross-section | A/mm² | 10 / 4 | 10 / 4 |
| Max. clamping range | mm² | 0.13...4 | 0.13...4 |









## Technical data

| | | WDK 2.5 LD + - | WDK 2.5 LD - + |
|---|---|---|---|
| **Rated data** | | | |
| Rated voltage | V | IEC 60947-7-1 | IEC 60947-7-1 |
| Rated current | A | IEC / UL / CSA | IEC / UL / CSA |
| Rated cross-section | mm² | 24 | 24 |
| Rated impulse withstand voltage / Pollution severity | | 2.5 | 2.5 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | 0.8 kV / 3 | 0.8 kV / 3 |
| Approvals | | A3 / V-0 | A3 / V-0 |
| **Electronic fixtures** | | | |
| Component voltage / Component current | V/A | | |
| Operating voltage for display, max. / Current | V/mA | 24 / 5 | 24 / 5 |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | 0.5...4 / 1.5...4 |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| Tightening torque range (terminal screw) | | 0.4...0.6 Nm (M 2.5) | 0.4...0.6 Nm |
| Stripping length / Blade size | mm/- | 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |
| **Note** | | | |

## Ordering data

| Version | WDK 2.5 LD + - Type | Qty. | Order No. | WDK 2.5 LD - + Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | | | | | | |
| Dark beige Wemid (red LED) | WDK 2.5 LD RT 24VDC +- | 25 | 1023600000 | WDK 2.5 LD RT 24VDC -+ | 25 | 8023630000 |
| Dark beige Wemid (green LED) | WDK 2.5 LD/GN 1R 24VDC | 25 | 8023610000 | WDK 2.5 LD GR 1R 24VDC | 25 | 8010040000 |
| **Note** | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | | 2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500). | | |

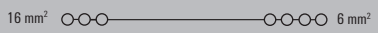
## Accessories

| Screwable cross-connection | WDK 2.5 LD + - Type | current | Qty. | Order No. | WDK 2.5 LD - + Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQV 2.5/2 | 32 A | 50 | 1053660000 | WQV 2.5/2 | 32 A | 50 | 1053660000 |
| 3-pole | WQV 2.5/3 | 32 A | 50 | 1053760000 | WQV 2.5/3 | 32 A | 50 | 1053760000 |
| 4-pole | WQV 2.5/4 | 32 A | 50 | 1053860000 | WQV 2.5/4 | 32 A | 50 | 1053860000 |
| 10-pole | WQV 2.5/10 | 32 A | 20 | 1054460000 | WQV 2.5/10 | 32 A | 20 | 1054460000 |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK2.5 | 1.5 mm | 20 | 1059100000 | WAP WDK2.5 | 1.5 mm | 20 | 1059100000 |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | 1061200000 | WEW 35/2 | 8 mm | 100 | 1061200000 |
| **Screwdriver** | | | | | | | | |
| With "swifty set" cutting device | SWIFTY SET | 18 mm | 1 | 9006060000 | SWIFTY SET | 18 mm | 1 | 9006060000 |
| Standard | SDS 0.6X3.5X100 | | 1 | 9008330000 | SDS 0.6X3.5X100 | | 1 | 9008330000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/5 / WS 8/5 | DEK 5/5 / WS 8/5 |
| **Note** | | | |

## 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 mm² | WPDB 35-16/16 1-1/6 | | 35/6 mm² |
|---|---|---|---|---|---|---|
| | | | | | | |
| |   | | | | | |

## Technical data

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Max. current | | 80 A | | | 125 A | | |
| **Dimensions** | | | | | | | |
| Width / Length / Hight (mm) | with TS 35 x 7.5 | 27 x 66 x 47 (50) | | | 27 x 74 x 47 (50) | | |
| Weight | | 63 g | | | 134 g | | |
| **IEC rated 60 947-7-1** | | | | | | | |
| Rated voltage | V | 690 | | | 690 | | |
| Rated current | A | 80 | | | 125 | | |
| Rated cross-section in-/output | mm² | 16 / 16-6 | | | 35-16 / 16 | | |
| Rated impulse voltage / Pollution severity | | 2.5 KV / 3 | | | 2.5 KV / 3 | | |
| UL94 Flammability Class | | V-0 | | | V-0 | | |
| **Further technical data** | | | | | | | |
| Short-circuit strength (peak value) | kA | 22 | | | 30 | | |
| Short-circuit strength > 1 s | kA | 3 | | | 4.2 | | |
| **Inputs** | | **A** | **B** | **C** | **A** | **B** | **C** |
| No. of connections | | 1 | | | 1 | 1 | |
| Clampable conductors: | | | | | | | |
| „e“ solid H07V-U | mm² | 2.5 ... 16 | | | 10 ... 35 | 2.5 ... 16 | |
| „m“ stranded H07V-R | mm² | 2.5 ... 16 | | | 10 ... 35 | 2.5 ... 16 | |
| „f“ flexible H07V-K | mm² | 2.5 ... 16 | | | 10 ... 35 | 2.5 ... 16 | |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 | mm² | 2.5 ... 16 | | | 10 ... 35 | 2.5 ... 16 | |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm² | 2.5 ... 16 | | | 10 ... 35 | 2.5 ... 16 | |
| Diameter | mm | 7 | | | 10 | 7 | |
| Tightening torque | Nm | 1.5 ... 3 | | | 3.5 ... 5 | 3.5 ... 5 | |
| Clamping screw | | M5 | | | M8 | M6 | |
| Blade size | | PZ2 | | | M4 | M4 | |
| Stripping length | mm | 12 ... 18 | | | 14 ... 15 | 10 ... 12 | |
| **Outputs** | | **A** | **B** | **C** | **A** | **B** | **C** |
| No. of connections | | 2 | 4 | | 6 | | |
| Clampable conductors: | | | | | | | |
| „e“ solid H07V-U | mm² | 2.5 ... 16 | 2.5 ... 6 | | 2.5 ... 16 | | |
| „m“ stranded H07V-R | mm² | 2.5 ... 16 | 2.5 ... 6 | | 2.5 ... 16 | | |
| „f“ flexible H07V-K | mm² | 2.5 ... 16 | 2.5 ... 6 | | 2.5 ... 16 | | |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 | mm² | 2.5 ... 16 | 2.5 ... 6 | | 2.5 ... 16 | | |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm² | 2.5 ... 16 | 2.5 ... 6 | | 2.5 ... 16 | | |
| Diameter | mm | 7 | 4.5 | | 6.5 | | |
| Tightening torque | Nm | 1.5 ... 3 | 0.8 ... 1.5 | | 2 ... 3 | | |
| Clamping screw | | M5 | M4 | | M5 | | |
| Blade size | | PZ2 | PZ1 | | PZ2 | | |
| Stripping length | mm | 9 ... 12 | 12 ... 18 | | 10 ... 12 | | |
| **UL/CSA rated data** | | | | | | | |
| Voltage/current/conductor size | UL | | | | | | |
| Voltage/current/conductor size | CSA | | | | | | |

## Ordering data

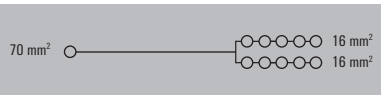
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| dark beige Wemid | WPDB 16/6 3/4 | 1 | 1939440000 | WPDB 35-16/16 1-1/6 | 1 | 1939450000 |

## Accessories

| Screwdrivers | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Crosshead screwdriver, Pozidriv type | SDK PZ1 | 1 | 9008530000 | | | |
| Crosshead screwdriver, Pozidriv type | SDK PZ2 | 1 | 9008540000 | SDK PZ2 | 1 | 9008540000 |
| 7-piece hexagon wrench set | SK-S 2.0-8.0 | 1 | 9008860000 | SK-S 2.0-8.0 | 1 | 9008860000 |
| **Labelling systems** | | | | | | |
| Marking labels | LM MT300 15 x 9 GE | 1 | 1882890000 | LM MT300 15 x 9 GE | 1 | 1882890000 |

## WPDB 70/16 1/10

**70/16 mm²**

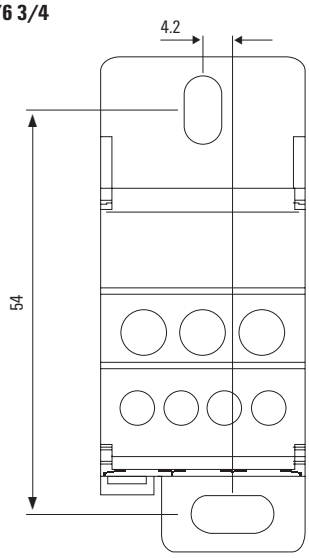



| | | |
|---|---|---|
| | | |
| 175 A | | |
| | | |
| 45 x 71 x 43 (46) | | |
| 228 g | | |
| | | |
| 690 | | |
| 175 | | |
| 70 / 16 | | |
| 2.5 KV / 3 | | |
| V-0 | | |
| | | |
| 22 | | |
| 3 | | |
| **A** | **B** | **C** |
| 1 | | |
| | | |
| 16 ... 70 | | |
| 16 ... 70 | | |
| 16 ... 50 | | |
| 16 ... 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 | | |
| | | |
| | | |
| | | |

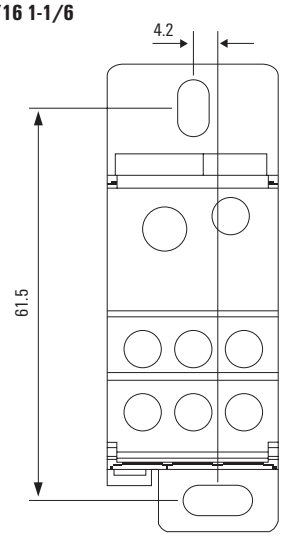
| Type | Qty. | Order No. |
|---|---|---|
| WPDB 70/16 1/10 | 1 | 1939460000 |

| Type | Qty. | Order No. |
|---|---|---|
| | | |
| | | |
| SK-S 2.0-8.0 | 1 | 9008860000 |
| | | |
| LM MT300 15 x 9 GE | 1 | 1882890000 |

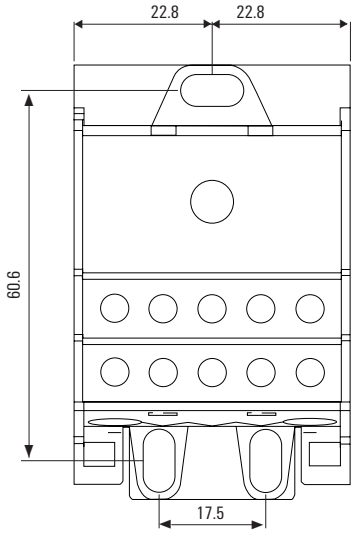
### WPDB 16/6 3/4




### WPDB 35-16/16 1-1/6

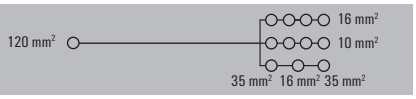



### WPDB 70/16 1/10



## 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 mm² | WPDB 185/35-16-10 1/2-5-4 | | 185/35 mm² |
|---|---|---|---|---|---|---|
| | | | | | | |
| |   | | | | | |

## Technical data

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Max. current | | 250 A | | | 400 A | | |
| **Dimensions** | | | | | | | |
| Width / Length / Hight (mm) | with TS 35 x 7.5 | 44 x 96 x 50 (53) | | | 44 x 96 x 50 (53) | | |
| Weight | | 434 g | | | 414 g | | |
| **IEC rated 60 947-7-1** | | | | | | | |
| Rated voltage | V | 690 | | | 690 | | |
| Rated current | A | 250 | | | 400 | | |
| Rated cross-section in-/output | mm² | 120 / 35-16-10 | | | 185 / 35-16-10 | | |
| Rated impulse voltage / Pollution severity | | 2.5 KV / 3 | | | 2.5 KV / 3 | | |
| UL94 Flammability Class | | V-0 | | | V-0 | | |
| **Further technical data** | | | | | | | |
| Short-circuit strength (peak value) | kA | 51 | | | 51 | | |
| Short-circuit strength > 1 s | kA | 24.5 | | | 24.5 | | |
| **Inputs** | | **A** | **B** | **C** | **A** | **B** | **C** |
| No. of connections | | 1 | | | 1 | | |
| Clampable conductors: | | | | | | | |
| „e" solid H07V-U | mm² | 35 ... 120 | | | 95 ... 185 | | |
| „m" stranded H07V-R | mm² | 35 ... 120 | | | 95 ... 185 | | |
| „f" flexible H07V-K | mm² | 35 ... 120 | | | 95 ... 185 | | |
| „f" flexible H07V-K and ferrule acc. to DIN 46 228/1 | mm² | 35 ... 70 | | | 95 ... 120 | | |
| „f" flexible H07V-K and ferrule with plastic insul. collar | mm² | 35 ... 70 | | | 95 ... 120 | | |
| Diameter | mm | 15 | | | 19 | | |
| Tightening torque | Nm | 19 | | | 25 | | |
| Clamping screw | | M14 | | | M16 | | |
| Blade size | | M6 | | | M8 | | |
| Stripping length | mm | 27 ... 29 | | | 27 ... 29 | | |
| **Outputs** | | **A** | **B** | **C** | **A** | **B** | **C** |
| No. of connections | | 2 | 5 | 4 | 2 | 5 | 4 |
| Clampable conductors: | | | | | | | |
| „e" solid H07V-U | mm² | 6 ... 35 | 1.5 ... 16 | 1.5 ... 10 | 6 ... 35 | 1.5 ... 16 | 1.5 ... 10 |
| „m" stranded H07V-R | mm² | 6 ... 35 | 1.5 ... 16 | 1.5 ... 10 | 6 ... 35 | 1.5 ... 16 | 1.5 ... 10 |
| „f" flexible H07V-K | mm² | 6 ... 35 | 1.5 ... 16 | 1.5 ... 10 | 6 ... 35 | 1.5 ... 16 | 1.5 ... 10 |
| „f" flexible H07V-K and ferrule acc. to DIN 46 228/1 | mm² | 6 ... 25 | 1.5 ... 16 | 1.5 ... 10 | 6 ... 25 | 1.5 ... 16 | 1.5 ... 10 |
| „f" flexible H07V-K and ferrule with plastic insul. collar | mm² | 6 ... 25 | 1.5 ... 16 | 1.5 ... 10 | 6 ... 25 | 1.5 ... 16 | 1.5 ... 10 |
| Diameter | mm | 9 | 6.5 | 6 | 9 | 6.5 | 6 |
| Tightening torque | Nm | 3.5 | 2 | 2 | 3.5 | 2 | 2 |
| Clamping screw | | M8 | M6 | M6 | M8 | M6 | M6 |
| Blade size | | SD 1.0 x 5.5 x 150 | SD 0.8 x 4.5 x 125 | SD 0.8 x 4.5 x 125 | SD 1.0 x 5.5 x 150 | SD 0.8 x 4.5 x 125 | SD 0.8 x 4.5 x 125 |
| Stripping length | mm | 10 ... 12 | 10 ... 12 | 10 ... 12 | 10 ... 12 | 10 ... 12 | 10 ... 12 |
| **UL/CSA rated data** | | | | | | | |
| Voltage/current/conductor size | UL | | | | | | |
| Voltage/current/conductor size | CSA | | | | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| dark beige Wemid | WPDB 120/35-16-10 1/2-5-4 | 1 | 1939470000 | WPDB 185/35-16-10 1/2-5-4 | 1 | 1939480000 |

## Accessories

| Screwdrivers | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Crosshead screwdriver, Pozidriv type | SD 1.0 x 5.5 x 150 | 1 | 9008350000 | SD 1.0 x 5.5 x 150 | 1 | 9008350000 |
| Crosshead screwdriver, Pozidriv type | SD 0.8 x 4.5 x 125 | 1 | 9009020000 | SD 0.8 x 4.5 x 125 | 1 | 9009020000 |
| 7-piece hexagon wrench set | SK-S 2.0-8.0 | 1 | 9008860000 | SK-S 2.0-8.0 | 1 | 9008860000 |
| **Labelling systems** | | | | | | |
| Marking labels | LM MT300 15 x 9 GE | 1 | 1882890000 | LM MT300 15 x 9 GE | 1 | 1882890000 |

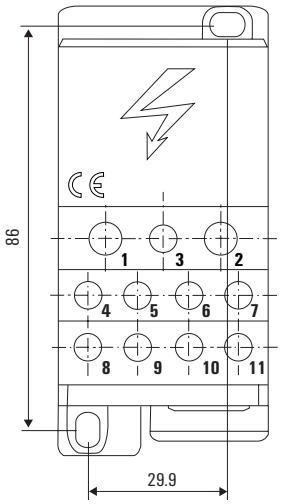
## WPDB 3 x 70/16 1/6 — 70/16 mm²

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

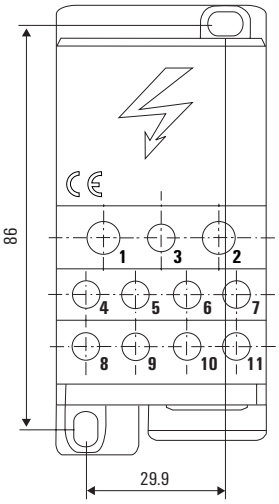
| Type | Qty. | Order No. |
|---|---|---|
| WPDB 3 x 70/16 1/6 | 1 | 1939490000 |

| Type | Qty. | Order No. |
|---|---|---|
| | | |
| | | |
| SK-S 2.0-8.0 | 1 | 9008860000 |
| | | |
| LM MT300 15 x 9 GE | 1 | 1882890000 |

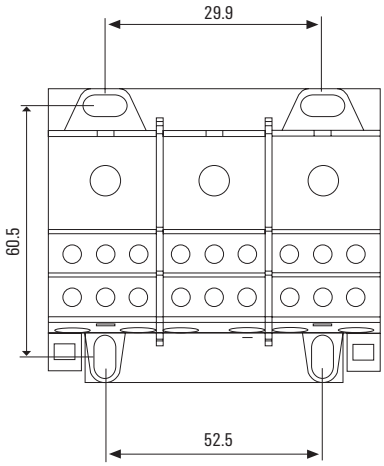
### WPDB 120/35-16-10 1/2-5-4




### WPDB 185/35-16-10 1/2-5-4




### WPDB 3 x 70/16 1/6



## Power distribution blocks WPDB

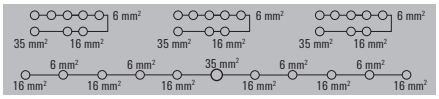
- Space-saving design
- Modular or 3-phase block versions
- Easy to use
- IP20 class of protection
- For TS 35 rail or direct mounting
- High short-circuit protection
- Parallel cross-connection with 15 x 5 mm busbar

### WPDB 70/16 1/6 — 70/16 mm²

**With distribution for busbars (parallel connection)**
**15 x 5 mm**

### WPDB 35/16/6/N 1/2/5/11 — 35/16/6/N mm²

**Three-phase power-supply block with neutral-conductor busbar**




## Technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| Max. current | | 160 A | | | 125 A | |
| **Dimensions** | | | | | | |
| Width / Length / Hight (mm) | with TS 35 x 7.5 | 35 x 92 x 50 (53) | | | 98 x 74 x 50 (53) | |
| Weight | | 238 g | | | 314 g | |
| **IEC rated 60 947-7-1** | | | | | | |
| Rated voltage | V | 690 | | | 690 | |
| Rated current | A | 160 | | | 125 | |
| Rated cross-section in-/output | mm² | 70 / 16 | | | 35 / 16 | |
| Rated impulse voltage / Pollution severity | | 2.5 KV / 3 | | | 2.5 KV / 3 | |
| UL94 Flammability Class | | V-0 | | | V-0 | |
| **Further technical data** | | | | | | |
| Short-circuit strength (peak value) | kA | 30 | | | 30 | |
| Short-circuit strength > 1 s | kA | 11.8 | | | 11.8 | |
| **Inputs** | | **A** | **B** | **C** | **A** | **B** | **C** |
| No. of connections | | 1 | | | 3 x 1 | 3 x 5 | 3 x 2 |
| Clampable conductors: | | | | | | | |
| „e“ solid H07V-U | mm² | 10 ... 70 | | | 6 ... 35 | 1.5 ... 6 | 1.5 ... 16 |
| „m“ stranded H07V-R | mm² | 10 ... 70 | | | 6 ... 35 | 1.5 ... 6 | 1.5 ... 16 |
| „f“ flexible H07V-K | mm² | 10 ... 70 | | | 6 ... 35 | 1.5 ... 6 | 1.5 ... 16 |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 | mm² | 10 ... 50 | | | 6 ... 25 | 1.5 ... 6 | 1.5 ... 16 |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm² | 10 ... 50 | | | 6 ... 25 | 1.5 ... 6 | 1.5 ... 16 |
| Diameter | mm | 13 | | | 9 | 5 | 7 |
| Tightening torque | Nm | 4 | | | 1.5 | 0.8 | 1.5 |
| Clamping screw | | M10 | | | M5 | M4 | M5 |
| Blade size | | M5 | | | PZ2 | PZ1 | PZ2 |
| Stripping length | mm | 19 ... 23 | | | 12 ... 18 | 9 ... 12 | 12 ... 18 |
| **Outputs** | | **A** | **busbar** | **C** | **neutral cond.** | **neutral cond.** | **neutral cond.** |
| No. of connections | | 6 | 16 x 5 mm max. | | 1 | 4 | 6 |
| Clampable conductors: | | | | | | | |
| „e“ solid H07V-U | mm² | 2.5 ... 16 | | | 6 ... 35 | 1.5 ... 6 | 1.5 ... 16 |
| „m“ stranded H07V-R | mm² | 2.5 ... 16 | | | 6 ... 35 | 1.5 ... 6 | 1.5 ... 16 |
| „f“ flexible H07V-K | mm² | 2.5 ... 16 | | | 6 ... 35 | 1.5 ... 6 | 1.5 ... 16 |
| „f“ flexible H07V-K and ferrule acc. to DIN 46 228/1 | mm² | 2.5 ... 16 | | | 6 ... 25 | 1.5 ... 6 | 1.5 ... 16 |
| „f“ flexible H07V-K and ferrule with plastic insul. collar | mm² | 2.5 ... 16 | | | 6 ... 25 | 1.5 ... 6 | 1.5 ... 16 |
| Diameter | mm | 6 | | | 9 | 5 | 7 |
| Tightening torque | Nm | 2 | 3 | | 1.5 | 0.8 | 1.5 |
| Clamping screw | | M5 | M6 | | M5 | M4 | M5 |
| Blade size | | PZ2 | M5 | | PZ2 | PZ1 | PZ2 |
| Stripping length | mm | 10 ... 12 | | | 12 ... 18 | 9 ... 12 | 12 ... 18 |
| **UL/CSA rated data** | | | | | | | |
| Voltage/current/conductor size | UL | | | | | | |
| Voltage/current/conductor size | CSA | | | | | | |

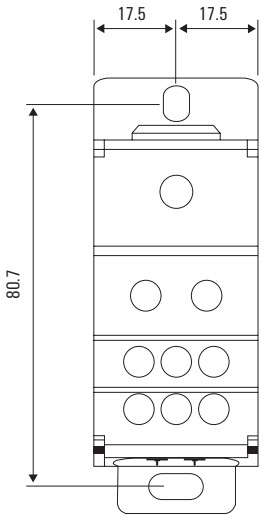
## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| dark beige Wemid | WPDB 70/16 1/6 | 1 | 1939500000 | WPDB 35/16/6/N 1/2/5/11 | 1 | 1939510000 |

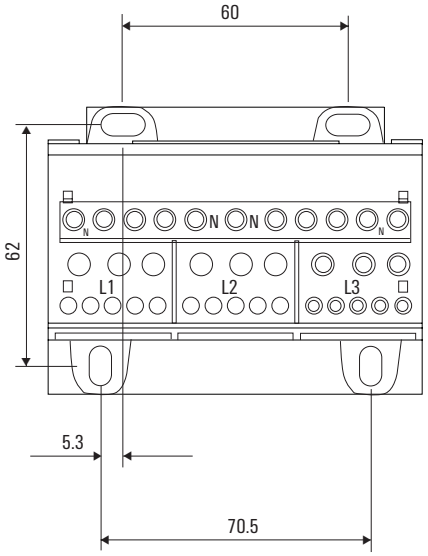
## Accessories

| Screwdrivers | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Crosshead screwdriver, Pozidriv type | | | | SDK PZ1 | 1 | 9008530000 |
| Crosshead screwdriver, Pozidriv type | SDK PZ2 | 1 | 9008540000 | SDK PZ2 | 1 | 9008540000 |
| 7-piece hexagon wrench set | SK-S 2.0-8.0 | 1 | 9008860000 | | | |
| **Labelling systems** | | | | | | |
| Marking labels | LM MT300 15 x 9 GE | 1 | 1882890000 | LM MT300 15 x 9 GE | 1 | 1882890000 |

**WPDB 70/16 1/6**

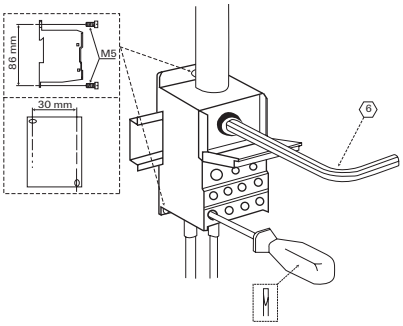



**WPDB 35/16/6/N 1/2/5/11**

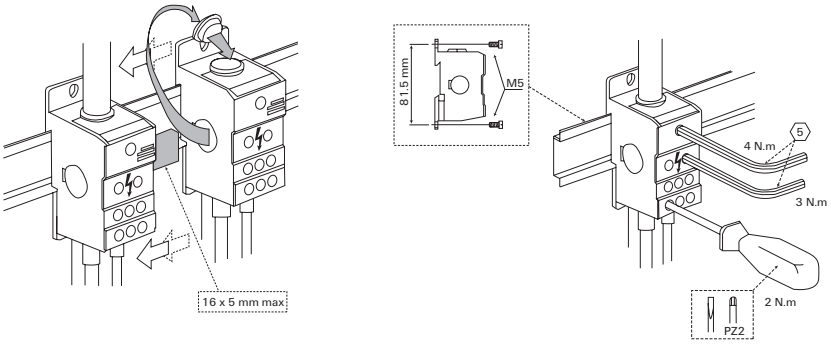


# Assembly instructions

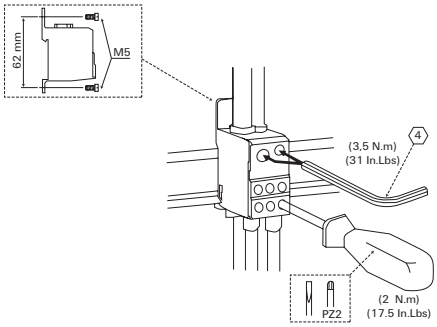
**WPDB 120/35-16-10 1/2-5-4 and**
**WPDB 185/35-16-10 1/2-5-4**



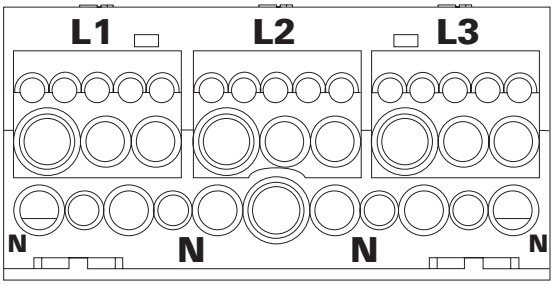

**WPDB 70/16 1/6**



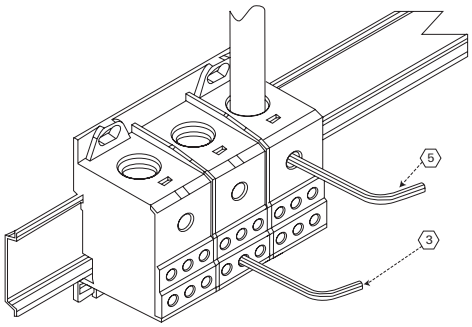

**WPDB 35-16/16 1-1/6**




**WPDB 35/16/6/N 1/2/5/11**



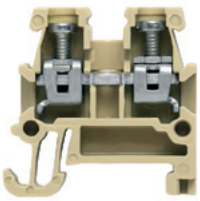

**WPDB 3x70/16 1/6**



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

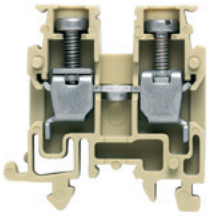
## AKZ 1.5 — 1.5 mm²

**Feed-through terminal**



## AKZ 2.5 — 2.5 mm²

**Feed-through terminal**



| | | AKZ 1.5 | AKZ 2.5 |
|---|---|---|---|
| Width/Length/height with TS15x7.5 | mm | 5.1 x 24.8 x 26 | 5.1 x 25.5 x 27.1 |
| max. current / max. cond. cross-section | A/mm² | **24 / 2.5** | **32 / 4** |
| Max. clamping range | mm² | **0.21...2.5** | **0.13...4** |

## Technical data

| | | AKZ 1.5 | AKZ 2.5 |
|---|---|---|---|
| **Rated data** | | | |
| | | IEC 60947-7-1 II 2 G D | IEC 60947-7-1 Ex e II II 2 G D |
| Rated voltage | V | IEC 250, UL 150 (C), CSA 300 (C) | IEC 250, UL 300 (D), CSA 300 (C), EN 60079-7 176 |
| Rated current | A | IEC 17.5, UL 15 (C), CSA 10 (C) | IEC 24, UL 10 (D), CSA 10 (C), EN 60079-7 15 |
| Rated cross-section | mm² | IEC 1.5, UL AWG 22...14, CSA AWG 24...16 | IEC 2.5, UL AWG 22...12, CSA AWG 26...10, EN 60079-7 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | 4 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A1 / V-2 | A3 / V-2 |
| Approvals | | | SIRA 02ATEX3001 U |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...2.5 / 1.5...1.5 | 0.5...4 / 1.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | 0.5...2.5 / 0.5...2.5 |
| Tightening torque range (terminal screw) | | 0.4...0.6 (M 2.5) | 0.4...0.6 (M 2.5) |
| Stripping length / Blade size | mm/- | 7 / 3.0 x 0.5 mm | 7 / 3.0 x 0.5 mm |
| **2 conductors with same cross-section (H05V/H07V)** | | | |
| Solid / stranded | mm² | 0.5...1 | 0.5...1.5 |
| Flexible / Flexible with ferrule | mm² | | |
| **Note** | | | |

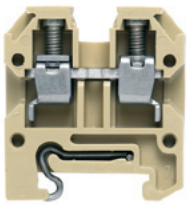
## Ordering data

| Version | AKZ 1.5 Type | Qty. | Order No. | AKZ 2.5 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| beige (PA) | AKZ 1.5 | 100 | **0340460000** | AKZ 2.5 | 100 | **0697160000** |
| Blue (PA) | AKZ 1.5 BL | 100 | **0340480000** | AKZ 2.5 BL | 100 | **0697180000** |
| green/yellow (PA) | | | | | | |
| **Note** | AKZ 1.5 Order no. 0340460000 and 0340480000 in PA with flammability rating acc. to UL94/V-2. | | | AKZ 2.5 Order no. 0697160000 and 0697180000 in PA with flammability rating acc. to UL94/V-2. | | |

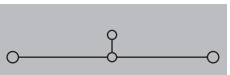
## Accessories

| | AKZ 1.5 Type | current | Qty. | Order No. | AKZ 2.5 Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| **Screwable cross-connection** | | | | | | | | |
| 2-pole | Q 2 AKZ1.5 | 24 A | 50 | **0368200000** | Q 2 AKZ1.5 | 24 A | 50 | **0368200000** |
| 3-pole | Q 3 AKZ1.5 | 24 A | 50 | **0368300000** | Q 3 AKZ1.5 | 24 A | 50 | **0368300000** |
| 4-pole | Q 4 AKZ1.5 | 24 A | 50 | **0368400000** | Q 4 AKZ1.5 | 24 A | 50 | **0368400000** |
| 10-pole | Q 10 AKZ1.5 | 24 A | 20 | **0368500000** | Q 10 AKZ1.5 | 24 A | 20 | **0368500000** |
| **External cross-connection** | | | | | | | | |
| 2-pole | | | | | | | | |
| 3-pole | | | | | | | | |
| 4-pole | | | | | | | | |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | AP AKZ1.5 | 1.5 mm | 50 | **0340560000** | AP AKZ2.5 | 2.5 mm | 50 | **0697360000** |
| Blue Wemid | AP AKZ1.5 BL | 1.5 mm | 50 | **0340580000** | AP AKZ2.5 BL | 2.5 mm | 50 | **0697380000** |
| Dark beige Wemid | | | | | TW AKZ2.5 | 1.5 mm | 20 | **0318560000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | EW 15 | 10 mm | 50 | **0382860000** | EW 15 | 10 mm | 50 | **0382860000** |
| **Testing / Checking** | | | | | | | | |
| Test plug | PS 2.3 RT | 5.4 mm | 20 | **0180400000** | PS 2.3 RT | 5.4 mm | 20 | **0180400000** |
| Socket | STB 8.5/D4/2.3/M2.5 AKZ | | 50 | **0215700000** | STB 8.5/D4/2.3/M2.5 AKZ | | 50 | **0215700000** |
| **Identification systems** (see assortment in catalogue 7) | | | | | | | | |
| Marking tags | DEK 5/5 | | | | DEK 5/5 | | | |
| **Note** | | | | | | | | |

## AKZ 4 — 4 mm²



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 |

| 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.

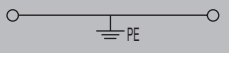
| Type | current | Qty. | Order No. |
|---|---|---|---|
| Q 2 AKZ4 | 32 A | 50 | 0336400000 |
| Q 3 AKZ4 | 32 A | 50 | 0336500000 |
| Q 4 AKZ4 | 32 A | 50 | 0336600000 |
| Q 10 AKZ4 | 32 A | 20 | 0368600000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | **Width** | | |
| AP AKZ4 | 1.5 mm | 20 | 0294460000 |
| 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 |

DEK 5/6

## AKE 2.5 — 2.5 mm²

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 |

| Type | Qty. | Order No. |
|---|---|---|
| | | |
| | | |
| AKE 2.5 | 100 | 1303360000 |

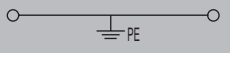
| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DEK 5/5

## AKE 4 — 4 mm²

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. |
|---|---|---|
| | | |
| | | |
| AKE 4 | 100 | 0380260000 |

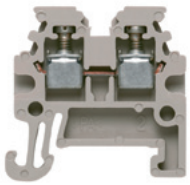
| Type | current | Qty. | Order No. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DEK 5/6.5

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

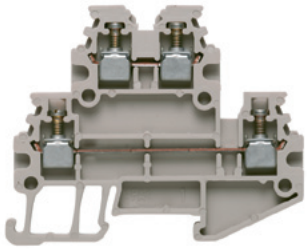
## WDU 1.5/R 3.5 — 1.5 mm²

**Feed-through terminal (V0)**



## WDK 1.5/R3.5 — 1.5 mm²

**Double feed-through terminal (V0)**



| | | WDU 1.5/R 3.5 | WDK 1.5/R3.5 |
|---|---|---|---|
| Width/Length/height with TS15x7.5 | mm | 3.5 x 24.5 x 25 | 3.5 x 46.5 x 38.5 |
| max. current / max. cond. cross-section | A/mm² | **17.5 / 1.5** | **16 / 1.5** |
| Max. clamping range | mm² | **0.13...1.5** | **0.13...1.5** |

## Technical data

| | | WDU 1.5/R 3.5 | | | | WDK 1.5/R3.5 | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| | | **IEC** | **UL** | **CSA** | **EN 60079-7** | **IEC** | **UL** | **CSA** | **EN 60079-7** |
| Rated voltage | V | 400 | 300 (D) | 300 (D) | 275 | 400 | 300 (D) | 300 (D) | 275 |
| Rated current | A | 17.5 | 10 (D) | 10 (D) | 14 | 16 | 10 (D) | 10 (D) | 15 |
| Rated cross-section | mm² | 1.5 | AWG 26...14 | AWG 26...14 | 1.5 | 1.5 | AWG 26...14 | AWG 26...14 | 1.5 |
| Rated impulse withstand voltage / Pollution severity | | 4 kV / 3 | | | | 4 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A1 / V-0 | | | | A1 / V-0 | | | |
| Approvals | | KEMA 99ATEX6545 U | | | | KEMA 99ATEX6545 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...1.5 / 1.5...1.5 | | | | 0.5...1.5 / 1.5...1.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | | | 0.5...1.5 / 0.5...1.5 | | | |
| Tightening torque range (terminal screw) | | 0.3 Nm(M 2) | | | | 0.3 Nm(M 2) | | | |
| Stripping length / Blade size | mm/- | 7 / 0.4 x 2.5 mm | | | | 7 / 0.4 x 2.5 mm | | | |
| **2 conductors with same cross-section (H05V/H07V)** | | | | | | | | | |
| Solid / stranded | mm² | 0.5...0.75 | | | | 0.5...0.75 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...0.75 / 0.5...0.5 | | | | 0.5...0.75 / 0.5...0.5 | | | |
| **Note** | | PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule. | | | | PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule. | | | |

## Ordering data

| Version | WDU 1.5/R 3.5 Type | Qty. | Order No. | WDK 1.5/R3.5 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid (PA) | WDU 1.5/R3.5 | 100 | **1753280000** | WDK 1.5/R3.5 | 100 | **1753290000** |
| Blue Wemid (PA) | WDU 1.5/R3.5 BL | 100 | **1754170000** | | | |
| **Note** | | | | | | |

## Accessories

| Pluggable cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | ZQV 1.5N/R3.5/2 GE | 17.5 A | 50 | **1754210000** | ZQV 1.5N/R3.5/2 GE | 17.5 A | 50 | **1754210000** |
| 3-pole | ZQV 1.5N/R3.5/3 GE | 17.5 A | 50 | **1754220000** | ZQV 1.5N/R3.5/3 GE | 17.5 A | 50 | **1754220000** |
| 4-pole | ZQV 1.5N/R3.5/4 GE | 17.5 A | 20 | **1754230000** | ZQV 1.5N/R3.5/4 GE | 17.5 A | 20 | **1754230000** |
| 10-pole | ZQV 1.5N/R3.5/10 GE | 17.5 A | 20 | **1754290000** | ZQV 1.5N/R3.5/10 GE | 17.5 A | 20 | **1754290000** |
| **End plate / Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WAP WDK1.5/R3.5 | 1.5 mm | 20 | **1754200000** | WAP WDK1.5/R3.5 | 1.5 mm | 20 | **1754200000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | EW 15 | 10 mm | 50 | **0382860000** | EW 15 | 10 mm | 50 | **0382860000** |

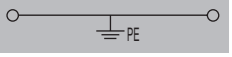
| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | DEK 5/3,5 | DEK 5/3,5 |
| **Note** | | | |

## WPE 1.5/R3.5 — 1.5 mm²

**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 | 3.5 x 24.5 x 25 |
| max. current / max. cond. cross-section | A/mm² | **/ 1.5** |
| Max. clamping range | mm² | **0.13...1.5** |




## Technical data

IEC 60947-7-2

| Rated data | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated cross-section | mm² | 1.5 | AWG 26...18 | AWG 26...18 |
| Rated voltage to adjoining terminal | V | 400 | | |
| Rated impulse withstand voltage to adjacent terminal | kV | 6 | | |
| Rated short-time current | | 180 A (1.5 mm²) | | |
| Pollution severity | | 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A1 / V-0 | | |
| Approvals | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...1.5 / 1.5...1.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...1.5 / 0.5...1.5 | | |
| Tightening torque range (terminal screw) | | 0.3 Nm(M 2) | | |
| Tightening torque range for fixing screw | | | | |
| Stripping length / Blade size | mm/- | 7 / 0.4 x 2.5 mm | | |

**Note**

PZ 6/5 recommended as crimping tool for 1.5 mm² with wire end ferrule.

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| green/yellow Wemid (PA) | WPE 1.5/R3.5 | 100 | **1798460000** |

**Note**

## Accessories

| End plate / Partition plate | Type | Width | Qty. | Order No. |
|---|---|---|---|---|
| Dark beige Wemid | WAP WDU1.5/R3.5 | 1.5 mm | 20 | **1754190000** |
| **End bracket** | | | | |
| Dark beige Wemid | EW 15 | 10 mm | 50 | **0382860000** |

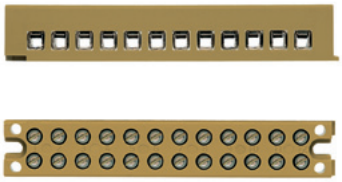
| Identification systems | (see assortment in catalogue 7) | |
|---|---|---|
| | Marking tags | DEK 5/3,5 |

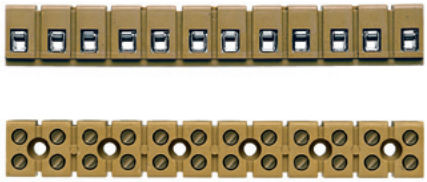
**Note**

## Multi-pole terminal strips for direct mounting

### Screw connection

| | MK 2/12 | MK 3/2...12 |
|---|---|---|
| | 2.5 mm² | 2.5 mm² |





| | | MK 2/12 | MK 3/2...12 |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | **15 x 86 x 15** | **15 x 91.25 x 16.1** |
| max. current / max. cond. cross-section | A/mm² | 24 / 4 | 24 / 4 |
| Max. clamping range | mm² | **0.2...4** | **0.33...4** |

### Technical data

| | | MK 2/12 | MK 3/2...12 |
|---|---|---|---|
| **Rated data** | | IEC 60947-7-1 | IEC 60947-7-1 |
| | | IEC / UL / CSA | IEC / UL / CSA |
| Rated voltage | V | 125 / 300 (D) / 300 (D) | 400 / 600 (D) / 300 (C) |
| Rated current | A | 24 / 10 (D) / 10 (D) | 24 / 5 (D) / 25 (C) |
| Rated cross-section | mm² | 2.5 / AWG 24...12 / AWG 24...12 | 2.5 / AWG 22...12 / AWG 22...12 |
| Rated impulse withstand voltage / Pollution severity | | 2.5 kV / 3 | 6 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / 5VA | A2 / 5VA |
| Approvals | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | **Rated connection** |
| Solid / stranded | mm² | 0.5...4 / 1.5...2.5 | 0.5...4 / 1.5...2.5 |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| Tightening torque range (terminal screw) | | 0.4(M 2.5) | 0.4...0.45 Nm (M 2.5) |
| Stripping length / Blade size | mm/- | 5 / 0.6 x 3.5 mm | 5 / 0.6 x 3.5 mm |

### Ordering data

| | MK 2/12 | | | | | MK 3/2...12 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Type | Length | Mounting | Qty. | Order No. | Type | Length | Mounting | Qty. | Order No. |
| 2-pole | | | | | | MK 3/2 | 17.4 mm | 18.5 mm | 100 | **0273820000** |
| 3-pole | | | | | | MK 3/3 | 26.5 mm | 18.5 mm | 50 | **0273920000** |
| 4-pole | | | | | | MK 3/4 | 35.75 mm | 18.5 mm | 50 | **0274020000** |
| 5-pole | | | | | | MK 3/5 | 45 mm | 18.5 mm | 50 | **0274120000** |
| 6-pole | | | | | | MK 3/6 | 54.25 mm | 37 mm | 50 | **0274220000** |
| 7-pole | | | | | | MK 3/7 | 63.5 mm | 37 mm | 50 | **0274320000** |
| 8-pole | | | | | | MK 3/8 | 72.75 mm | 55.5 mm | 25 | **0274420000** |
| 10-pole | | | | | | MK 3/10 | 91.25 mm | 74 mm | 20 | **0274620000** |
| 12-pole | MK 2/12 | 86 mm | 80 mm | 50 | **0241260000** | MK 3/12 | 110 mm | 92.5 mm | 20 | **0243520000** |
| 16-pole | | | | | | | | | | |

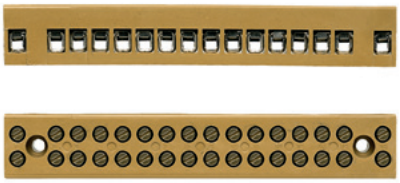
### Accessories

| | MK 2/12 | | | MK 3/2...12 | | |
|---|---|---|---|---|---|---|
| **Marking strips, printed** | Type | Qty. | Order No. | Type | Qty. | Order No. |
| | BSTB 28/12/6.35 U 1-12 | 50 | **0245700000** | BSTB 28/12 MK U 1-12 | 50 | **0245900000** |
| | BSTB 28/12/6.35 O 1-12 | 50 | **0278500000** | BSTB 28/8 MK U 1-8 | 50 | **0290200000** |
| | | | | BSTB 28/6 MK U 1-6 | 50 | **0290000000** |
| **Marking strips, unprinted** | | | | | | |
| | | | | 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 mm²



**17 x 103 x 16**
24 / 4
**0.2...4**

IEC 60947-7-1

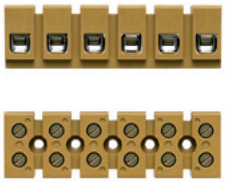
| IEC | UL | CSA |
|---|---|---|
| 400 | 150 (C) | 150 (C) |
| 24 | 15 (C) | 15 (C) |
| 2.5 | AWG 22...12 | AWG 22...12 |
| 6 kV / 3 | | |
| A2 / 5VA | | |

| 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 mm²



**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** |

| Type | Qty. | Order No. |
|---|---|---|

## Screw connection

| | | MK 5/2 0.DE | 2.5 mm² | KS 2...10 | 2.5 mm² |
|---|---|---|---|---|---|

| | | | |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | **18 x 40 x 14** | **25 x 138 x 20** |
| max. current / max. cond. cross-section | A/mm² | 24 / 4 | 24 / 4 |
| Max. clamping range | mm² | **0.2...4** | **0.2...4** |

## Technical data

| Rated data | | MK 5/2 0.DE | | | KS 2...10 | | |
|---|---|---|---|---|---|---|---|
| | | IEC | UL | CSA | IEC | UL | CSA |
| Rated voltage | V | 500 | | 300 (C) | 500 | 300 (C) | 300 (C) |
| Rated current | A | 24 | | 25 (C) | 24 | 20 (C) | 25 (C) |
| Rated cross-section | mm² | 2.5 | | AWG 20...14 | 2.5 | AWG 22...12 | AWG 24...12 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | 6 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A2 / 5VA | | | A2 / 5VA | | |
| Approvals | | | | | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | **Rated connection** | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...2.5 | | | 0.5...4 / 1.5...2.5 | | |
| Flexible / Flexible with ferrule | mm² | 0.5...2.5 / 0.5...1.5 | | | 0.5...2.5 / 0.5...1.5 | | |
| Tightening torque range (terminal screw) | | 0.4(M 2.5) | | | 0.5...0.7 Nm (M 3) | | |
| Stripping length / Blade size | mm/- | 5 / 0.6 x 3.5 mm | | | 8 / 4.0 x 0.8 mm | | |

IEC 60947-7-1

## Ordering data

| | MK 5/2 0.DE Type | Length | Mounting | Qty. | Order No. | KS 2...10 Type | Length | Mounting | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-pole | MK 5/2 0.DE | 40 mm | 32 mm | 100 | **0243820000** | KS 2 0.D2 | 42 mm | 32 mm | 100 | **0134420000** |
| 3-pole | | | | | | | | | | |
| 4-pole | | | | | | KS 4 0.D4 | 66 mm | 56 mm | 50 | **0140320000** |
| 6-pole | | | | | | KS 6 0.D6 | 90 mm | 80 mm | 50 | **0140620000** |
| 10-pole | | | | | | KS 10 0.D10 | 138 mm | 128 mm | 20 | **0141620000** |
| 12-pole | | | | | | | | | | |

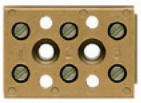
## Accessories

| | MK 5/2 0.DE Type | Qty. | Order No. | KS 2...10 Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| **Lid / cover** | D 2 MK5/2 PA/NA | 50 | **0244060000** | 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 | |

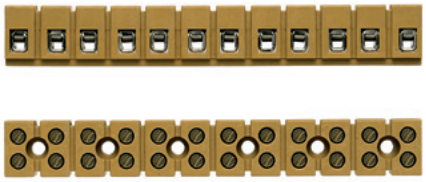
| Rated connection |
|---|
| 0.5...4 / 1.5...4 |
| 0.5...4 / 0.5...4 |
| 0.5...0.6 Nm (M 3) |
| 8 / 4.0 x 0.8 mm |

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** |

## Screw connection
## ATEX approval

| | | BK 2...12/E 4 mm² | MK 3/2...12/E 2.5 mm² |
|---|---|---|---|
| | | |  |
| Width/Length/Height of lowest version | mm | **22 x 92 x 20** | **15 x 110 x 16.1** |
| max. current / max. cond. cross-section | A/mm² | 32 / 4 | 24 / 4 |
| Max. clamping range | mm² | **0.33...4** | **0.33...4** |

## Technical data

| | | BK 2...12/E | | | | MK 3/2...12/E | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | IEC 60947-7-1 | | Ex e II | II 2 G D | IEC 60947-7-1 | | Ex e II | II 2 G D |
| **Rated data** | | **IEC** | **UL** | **CSA** | **EN 60079-7** | **IEC** | **UL** | **CSA** | **EN 60079-7** |
| Rated voltage | V | 400 | 150 (C) | 300 (D) | 275 | 400 | 600 (D) | 300 (C) | 275 |
| Rated current | A | 32 | 20 (C) | 10 (D) | 21 | 24 | 5 (D) | 25 (C) | 15 |
| Rated cross-section | mm² | 4 | AWG 22...12 | AWG 22...12 | 4 | 2.5 | AWG 22...12 | AWG 22...12 | 2.5 |
| Rated impulse withstand voltage / Pollution severity | | 6 kV / 3 | | | | 6 kV / 3 | | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | A3 / 5VA | | | | A2 / 5VA | | | |
| Approvals | | BAS 98ATEX3084 U | | | | BAS 99ATEX2124 U | | | |
| **Clamped conductors (H05V/H07V)** | | **Rated connection** | | | | **Rated connection** | | | |
| Solid / stranded | mm² | 0.5...4 / 1.5...4 | | | | 0.5...4 / 1.5...2.5 | | | |
| Flexible / Flexible with ferrule | mm² | 0.5...4 / 0.5...4 | | | | 0.5...2.5 / 0.5...1.5 | | | |
| Tightening torque range (terminal screw) | | 0.5...0.6 Nm (M 3) | | | | 0.4...0.45 Nm (M 2.5) | | | |
| Stripping length / Blade size | mm/- | 8 / 4.0 x 0.8 mm | | | | 5 / 0.6 x 3.5 mm | | | |

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm²) can be connected.

## Ordering data

| | BK 2...12/E Type | Length | Mounting | Qty. | Order No. | MK 3/2...12/E Type | Length | Mounting | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-pole | BK 2/E | 20 mm | | 100 | **7906040000** | MK 3/2/E | 17.4 mm | 18.5 mm | 100 | **7906110000** |
| 3-pole | BK 3/E | 31 mm | 11 mm | 100 | **7906060000** | MK 3/3/E | 26.5 mm | 18.5 mm | 50 | **7906120000** |
| 4-pole | BK 4/E | 38 mm | 18 mm | 100 | **7906080000** | MK 3/4/E | 35.75 mm | 18.5 mm | 50 | **7906130000** |
| 5-pole | | | | | | | | | | |
| 6-pole | BK 6/E | 52 mm | 32 mm | 50 | **7906090000** | MK 3/6/E | 54.25 mm | 37 mm | 50 | **7906150000** |
| 8-pole | | | | | | MK 3/8/E | 72.75 mm | 55.5 mm | 25 | **7906170000** |
| 12-pole | BK 12/E | 92 mm | 72.5 mm | 25 | **7906100000** | MK 3/12/E | 110 mm | 92.5 mm | 20 | **7906210000** |

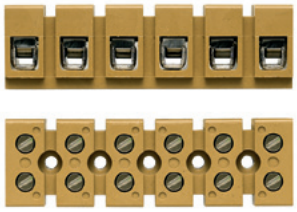
## Accessories

| | BK 2...12/E Type | Qty. | Order No. | MK 3/2...12/E Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| **Marking strips, printed** | BSTB 28/2 BK U 1-2 | 50 | **0203600000** | BSTB 28/12 MK U 1-12 | 50 | **0245900000** |
| | BSTB 28/4 BK U 1-4 | 50 | **0197300000** | BSTB 28/8 MK U 1-8 | 50 | **0290200000** |
| | BSTB 28/6 BK U 1-6 | 50 | **0197500000** | BSTB 28/6 MK U 1-6 | 50 | **0290000000** |
| | BSTB 28/12 BK U 1-12 | 50 | **0198800000** | | | |
| **Marking strips, unprinted** | | | | | | |
| | BSTO 28/2 BK | 50 | **0203500000** | BSTO 28/12 MK | 50 | **0245800000** |
| | BSTO 28/3 BK | 50 | **0203700000** | BSTO 28/8 MK3/8 | 50 | **0284700000** |
| | BSTO 28/4 BK | 50 | **0197200000** | BSTO 28/6 MK | 50 | **0289500000** |
| | BSTO 28/6 BK | 50 | **0197400000** | BSTO 28/4 MK3/4 | 50 | **0289300000** |
| | BSTO 28/12 BK | 50 | **0198700000** | | | |

(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 | 6250 mm | 26 mm | 20 | **7906250000** |
| MK 6/6/E | 75.5 mm | 52 mm | 20 | **7906260000** |

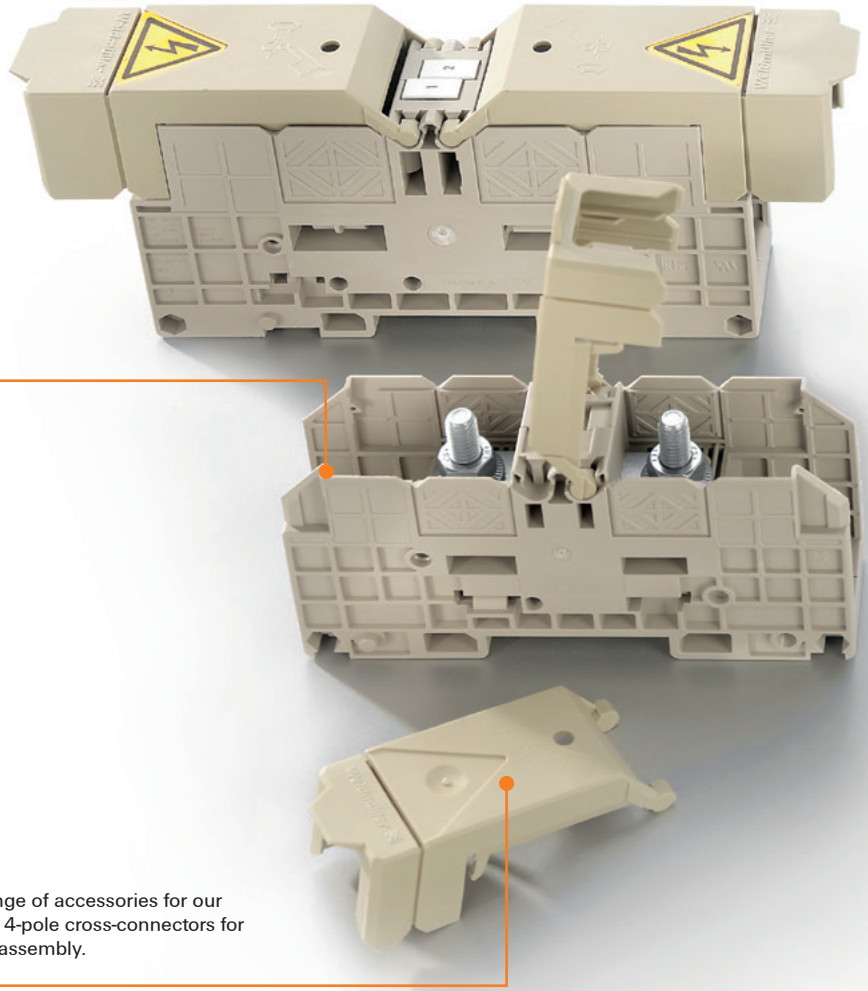
| Type | Qty. | Order No. |
|---|---|---|

# Weidmüller stud terminals

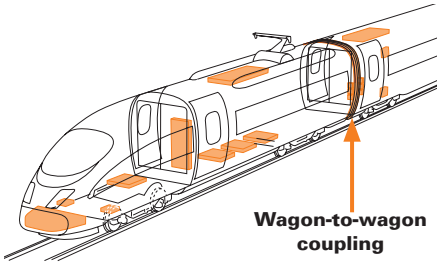
**Safe connections for reliable energy transfer**

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 mm² to 300 mm².

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.

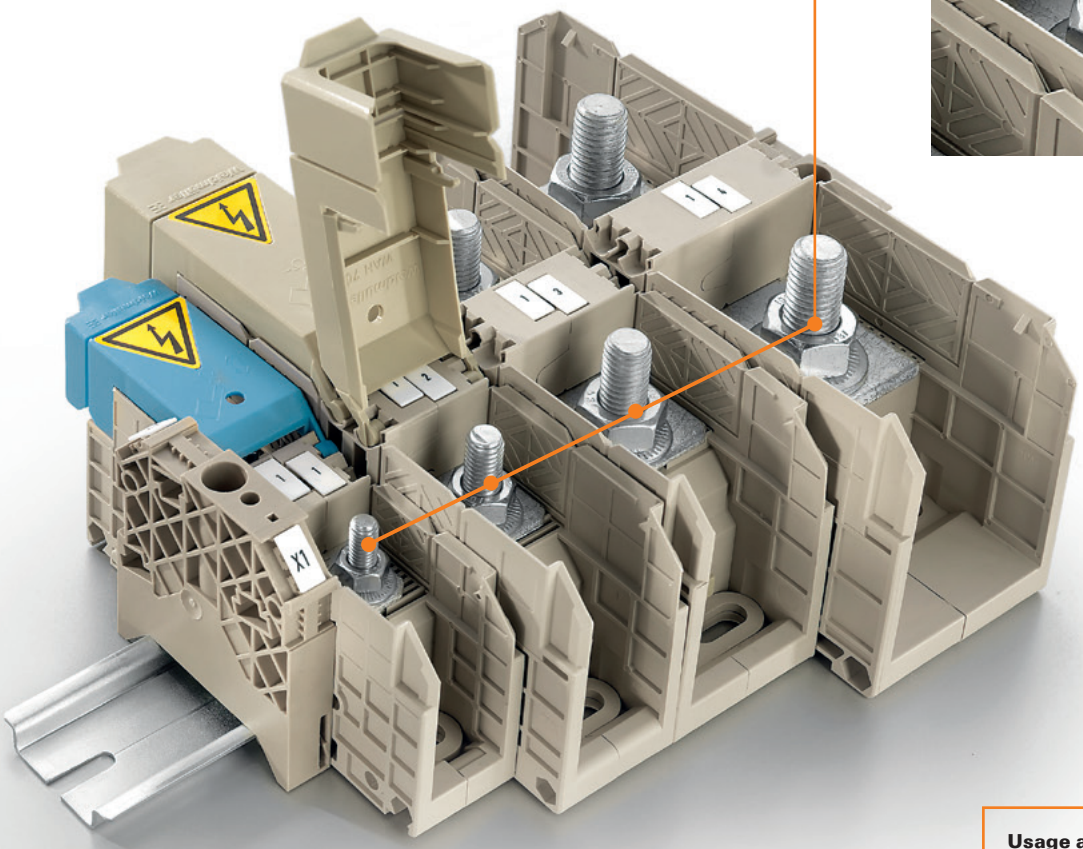


**Fit for Transportation**
All stud terminals are tested according to the international railway standards and meet the requirements specified.

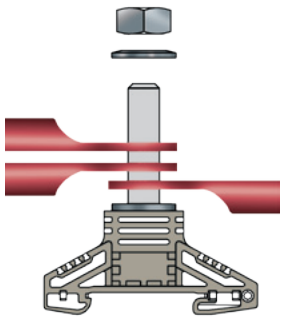



**Flexible accessories**
We offer a comprehensive range of accessories for our stud terminals, e.g. 2-, 3-, and 4-pole cross-connectors for potential distribution. Simple assembly.

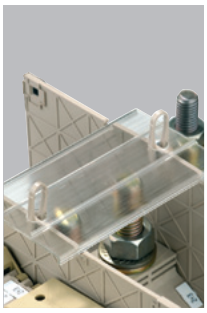
**Variable system**
Stud terminals in bolt sizes M5 to M16
For conductors with cable lugs according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm². Up to four cable lugs per bolt possible.
For voltages ranges up to 4,000 V and currents up to 415 A.




**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.

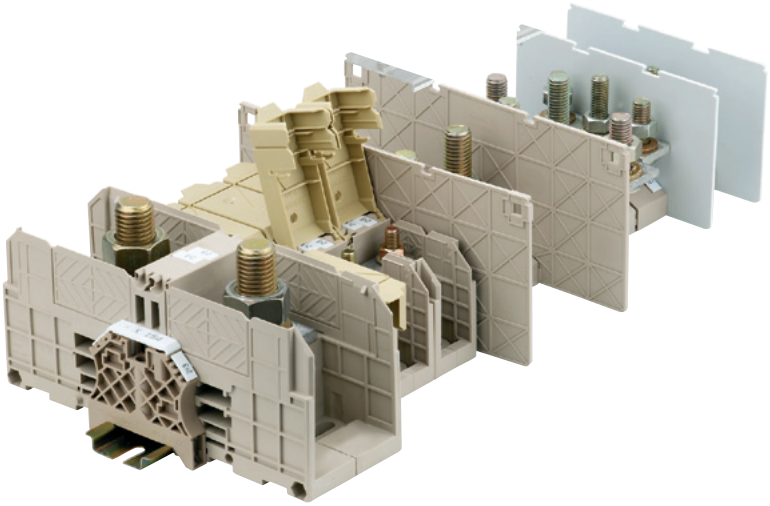


**Safe operation**
Touch-safe protection is guaranteed thanks to cover profiles or the snap-on and screwable cover hoods.

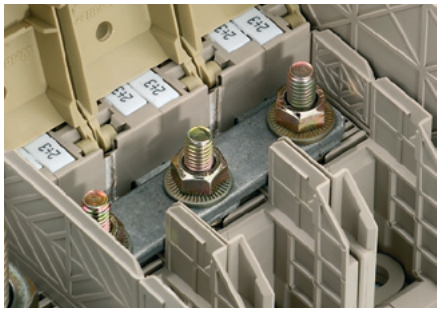


# Stud terminals – Accessories

### Series WF and WFF

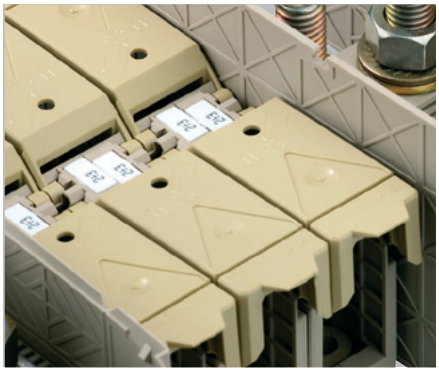


### Electrical distribution



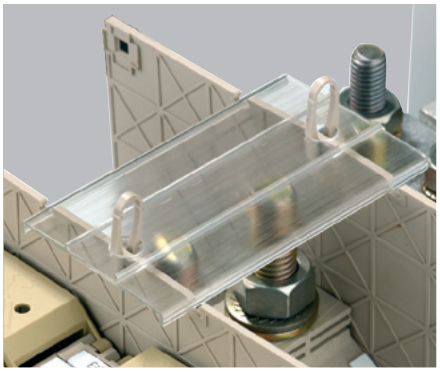
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped 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



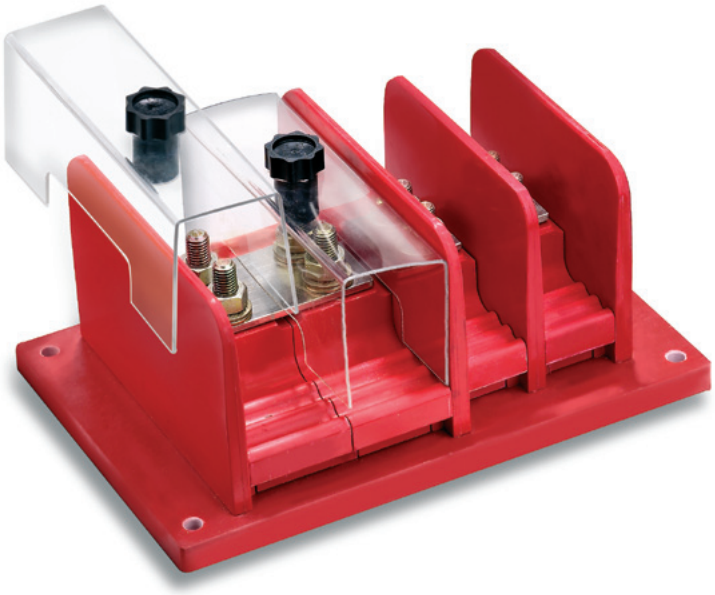
Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

- 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.

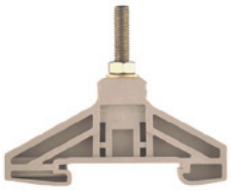
The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

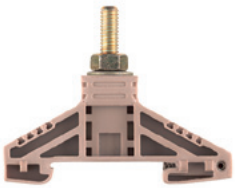
Slotted hole cable lugs can also be placed over both studs.

## WF-series

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

| | | WF 5 | WF 6 |
|---|---|---|---|
| | | 16 mm² | 35 mm² |
| | | Screw thread M5 | Screw thread M6 |
| Width/Length/Height of lowest version | mm | 13 x 67 x 56 | 17.8 x 67 x 56 |
| max. current / max. cond. cross-section | A | **76 / 16** | **125 / 35** |
| Max. clamping range | mm² | **0.1...16** | **2.5...35** |





## Technical data

| Rated data with Wemid partition wall | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 1000 | 1000 (C) | 1000 (C) | 1000 | 1000 (C) | 1000 (C) |
| Rated current | A | 76 | 85 (C) | 85 (C) | 125 | 115 (C) | 150 (C) |
| Rated cross-section | mm² | 16 | AWG 10...4 | AWG 10...4 | 35 | AWG 14...2 | AWG 14...2 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | | / V-0 | | |
| Approvals | | | | | | | |
| **Clamped cable lugs** | | | | | | | |
| Cable lug to DIN 46234 | | 0.1...16 mm² | | | 2.5...35 mm² | | |
| 2 x cable lugs DIN 46 234 | | 0.1...16 mm² | | | 2.5...35 mm² | | |
| Cable lug to DIN 46235 | | 6...10 mm² | | | 6...25 mm² | | |
| 2 x cable lugs DIN 46 235 | | 6...10 mm² | | | 6...25 mm² | | |
| Tightening torque range | | 2...4 Nm | | | 3...6 Nm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| | Dark beige Wemid | WF 5 | 25 | **1790130000** | WF 6 | 25 | **1780850000** |
| **Note** | | 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. | | | 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. | | |

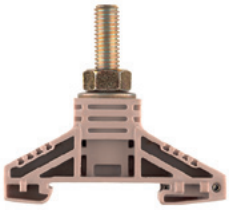
## Accessories

| Cross-connection | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQL 2 WF5 | 101 A | 5 | **1812710000** | WQL 2 WF6 | 125 A | 5 | **1780970000** |
| 3-pole | WQL 3 WF5 | | 5 | **1812740000** | WQL 3 WF6 | 125 A | 5 | **1780980000** |
| 4-pole | | | | | | | | |
| **Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WTW WF6-WF12 | 2.5 mm | 20 | **1781240000** | WTW WF6 | 3 mm | 20 | **1781220000** |
| Beige epoxy resin | WTW WF6 2300 | 3 mm | 20 | **1781230000** | WTW WF6 2300 | 3 mm | 20 | **1781230000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Hood transparent** | | | | | | | | |
| Hood transparent | ADP WF6/WF8 | | 1 | **1780930000** | ADP WF6/WF8 | | 1 | **1780930000** |
| **Holder for shrouding cover transparent** | | | | | | | | |
| Holder for shrouding cover transparent | HA ADP WF6/WF10 | 2.2 mm | 10 | **1781050000** | HA ADP WF6/WF10 | 2.2 mm | 10 | **1781050000** |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| | Marking tags | WS 12/5 | WS 10/6 |
| **Note** | | With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1. | With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1. |

## WF 8 — 50 mm²

**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 mm² | | |
| 2.5...50 mm² | | |
| 6...35 mm² | | |
| 6...35 mm² | | |
| 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.

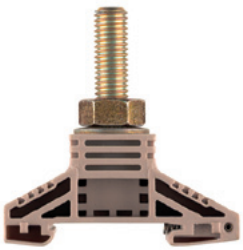
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQL 2 WF8 | 150 A | 5 | 1780990000 |
| WQL 3 WF8 | 150 A | 5 | 1781000000 |
| | | | |
| | Width | | |
| WTW WF8 | 3 mm | 20 | 1780900000 |
| WTW WF8 2300 | 3 mm | 20 | 1780910000 |
| | | | |
| WEW 35/2 | 8 mm | 100 | 1061200000 |
| | | | |
| ADP 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 mm²

**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 mm² | | |
| 6...120 mm² | | |
| 10...95 mm² | | |
| 10...95 mm² | | |
| 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.

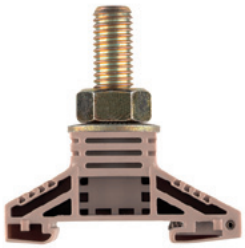
| Type | current | Qty. | Order No. |
|---|---|---|---|
| WQL 2 WF10 | 265 A | 5 | 1781010000 |
| WQL 3 WF10 | 265 A | 5 | 1781020000 |
| WQL 4 WF10 | | 5 | 1027840000 |
| | Width | | |
| WTW WF10/WF12 | 3 mm | 20 | 1780890000 |
| WTW WF10/WF12 2300 | 3 mm | 20 | 1780920000 |
| | | | |
| WEW 35/2 | 8 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 mm²

**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 mm² | | |
| 6...120 mm² | | |
| 10...95 mm² | | |
| 10...95 mm² | | |
| 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

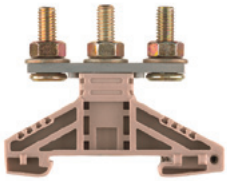
With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1.

## WF 2BZ

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

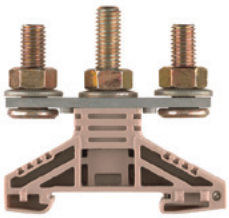
### WF 6/2BZ — 35 mm²

Screw thread M6



### WF 8/2BZ — 50 mm²

Screw thread M8



| | | WF 6/2BZ | WF 8/2BZ |
|---|---|---|---|
| Width/Length/Height of lowest version | mm | 17.8 x 67 x 56 | 22.8 x 67 x 65 |
| max. current / max. cond. cross-section | A/mm² | **125 / 35** | **150 / 50** |
| Max. clamping range | mm² | **2.5...35** | **2.5...50** |

## Technical data

| Rated data with Wemid partition wall | | IEC | UL | CSA | IEC | UL | CSA |
|---|---|---|---|---|---|---|---|
| Rated voltage | V | 1000 | 1000 (C) | | 1000 | 1000 (C) | |
| Rated current | A | 125 | 115 (C) | | 150 | 150 (C) | |
| Rated cross-section | mm² | 35 | AWG 14...2 | | 50 | AWG 14...0 | |
| Rated impulse withstand voltage / Pollution severity | | | 8 kV / 3 | | | 8 kV / 3 | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | | / V-0 | | | / V-0 | |
| Approvals | | | | | | | |
| **Clamped cable lugs** | | | | | | | |
| Cable lug to DIN 46234 | | 2.5...35 mm² | | | 2.5...50 mm² | | |
| 2 x cable lugs DIN 46 234 | | 2.5...35 mm² | | | 2.5...50 mm² | | |
| Cable lug to DIN 46235 | | 6...25 mm² | | | 6...35 mm² | | |
| 2 x cable lugs DIN 46 235 | | 6...25 mm² | | | 6...35 mm² | | |
| Tightening torque range | | 3...6 Nm | | | 6...12 Nm | | |
| **Note** | | | | | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| Dark beige Wemid | WF 6/2BZ | 25 | **1789770000** | WF 8/2BZ | 25 | **1789780000** |
| **Note** | 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. | | | 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 | Type | current | Qty. | Order No. | Type | current | Qty. | Order No. |
|---|---|---|---|---|---|---|---|---|
| 2-pole | WQL 2 WF6 | 125 A | 5 | **1780970000** | WQL 2 WF8 | 150 A | 5 | **1780990000** |
| 3-pole | WQL 3 WF6 | 125 A | 5 | **1780980000** | WQL 3 WF8 | 150 A | 5 | **1781000000** |
| **Partition plate** | | **Width** | | | | **Width** | | |
| Dark beige Wemid | WTW WF10/WF12 | 3 mm | 20 | **1780890000** | WTW WF10/WF12 | 3 mm | 20 | **1780890000** |
| Beige epoxy resin | WTW WF6 2300 | 3 mm | 20 | **1781230000** | WTW WF8 2300 | 3 mm | 20 | **1780910000** |
| **End bracket** | | | | | | | | |
| Dark beige Wemid | WEW 35/2 | 8 mm | 100 | **1061200000** | WEW 35/2 | 8 mm | 100 | **1061200000** |
| **Hood transparent** | | | | | | | | |
| Hood transparent | ADP WF10/WF12 | | 1 | **1780940000** | ADP WF10/WF12 | | 1 | **1780940000** |
| **Holder for shrouding cover transparent** | | | | | | | | |
| Holder for shrouding cover transparent | HA ADP WF6/WF10 | 2.2 mm | 10 | **1781050000** | HA ADP WF6/WF10 | 2.2 mm | 10 | **1781050000** |

| | | | |
|---|---|---|---|
| **Identification systems** (see assortment in catalogue 7) | | | |
| Marking tags | WS 12/5 | WS 12/5 | |
| **Note** | With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1. | 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 | |
| | | |
| | | |
| 6...120 mm² | | |
| 6...120 mm² | | |
| 10...95 mm² | | |
| 10...95 mm² | | |
| 10...20 Nm | | |

| Type | Qty. | Order No. |
|---|---|---|
| WF 10/2BZ | 20 | **1789790000** |

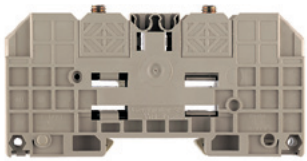
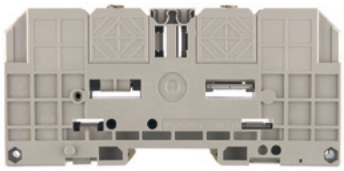
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

| 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.

## WFF series

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

| | | WFF 35 | WFF 70 |
|---|---|---|---|
| | | 35 mm² | 70 mm² |
| | | Screw thread M6 | Screw thread M8 |
| | |  |  |
| Width/Length/Height of lowest version | mm | 27 x 107 x 59.5 | 32 x 132 x 69.5 |
| max. current / max. cond. cross-section | A/mm² | **150 / 50** | **232 / 95** |
| Max. clamping range | mm² | **2.5...50** | **2.5...95** |

## Technical data

| | | WFF 35 | WFF 70 |
|---|---|---|---|
| **Rated data with Wemid partition wall** | | Ex e II, II 2 G D | Ex e II, II 2 G D |
| Rated voltage | V | 1000 / 1000 (C) / 600 (C) / 1100 | 1000 / 1000 (C) / 600 (C) / 1100 |
| Rated current | A | 125 / 115 (C) / 130 (C) / 109 | 192 / 175 (C) / 170 (C) / 167 |
| Rated cross-section | mm² | 35 / AWG 14...2 / AWG 14...2 / 35 | 70 / AWG 14...00 / AWG 14...00 / 70 |
| Rated impulse withstand voltage / Pollution severity | | 8 kV / 3 | 8 kV / 3 |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | / V-0 |
| Approvals | | KEMA 98ATEX1684 U | KEMA 98ATEX1684 U |
| **Clamped cable lugs** | | | |
| Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234 | | 2.5...50 mm² / | 2.5...95 mm² / |
| Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235 | | 6...25 mm² / | 16...70 mm² / |
| Tightening torque, min. | | 3 | 6 |
| **Note** | | | When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V. |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WFF 35 | 10 | 1028300000 |
| Dark beige Wemid | WFF 35/AH | 5 | 1029300000 |
| Blue Wemid | WFF 35 BL | 10 | 1028380000 |
| **Note** | 1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions. | | |

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| Dark beige Wemid | WFF 70 | 10 | 1028400000 |
| Dark beige Wemid | WFF 70/AH | 5 | 1029400000 |
| Blue Wemid | WFF 70 BL | 10 | 1028480000 |
| **Note** | 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

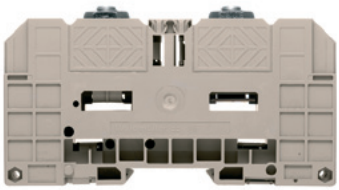
| Cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | WQL 2 WFF35 | 150 A | 5 | 1064900000 |
| 3-pole | WQL 3 WFF35 | 150 A | 5 | 1065400000 |
| **Partition plate** | | **Width** | | |
| Dark beige Wemid | WTW WFF35 | 2 mm | 10 | 1067100000 |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Hood** | | | | |
| Hood, dark beige Wemid | WAH 35 | 26 mm | 20 | 1064460000 |
| **Warning triangle for power supply terminals** | | | | |
| | WD 1 25 K KARTE A 6 ST | | 5 | 1563900000 |

| Cross-connection | Type | current | Qty. | Order No. |
|---|---|---|---|---|
| 2-pole | WQL 2 WFF70 | 232 A | 5 | 1065000000 |
| 3-pole | WQL 3 WFF70 | 232 A | 5 | 1065500000 |
| **Partition plate** | | **Width** | | |
| Dark beige Wemid | WTW WFF70 | 2 mm | 10 | 1067200000 |
| **End bracket** | | | | |
| Dark beige Wemid | WEW 35/1 | 12 mm | 50 | 1059000000 |
| **Hood** | | | | |
| Hood, dark beige Wemid | WAH 70 BE | 31 mm | 20 | 1064560000 |
| **Warning triangle for power supply terminals** | | | | |
| | WD 1 25 K KARTE A 6 ST | | 5 | 1563900000 |

| | | | |
|---|---|---|---|
| **Identification systems** | (see assortment in catalogue 7) | | |
| Marking tags | | WS 12/6,5 | WS 12/6,5 |
| **Note** | | WAH 35 in blue, Order no. 1064480000 | WAH 70 in blue, Order no. 1064580000 |

## WFF 120 — 120 mm²

**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 mm² /
16...150 mm² /
10

| Type | Qty. | Order No. |
|---|---|---|
| WFF 120 | 5 | 1028500000 |
| WFF 120/AH | 4 | 1029500000 |
| WFF 120 BL | 5 | 1028580000 |

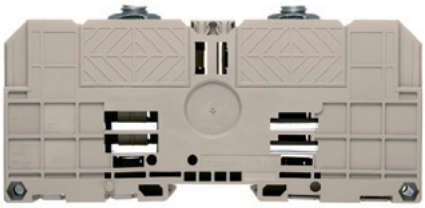
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

| 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 |

WS 12/6,5
WAH 120 in blue, Order no. 1064650000

## WFF 185 — 185 mm²

**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 mm² /
25...240 mm² /
14

| Type | Qty. | Order No. |
|---|---|---|
| WFF 185 | 4 | 1028600000 |
| WFF 185/AH | 2 | 1029600000 |
| WFF 185 BL | 4 | 1028680000 |

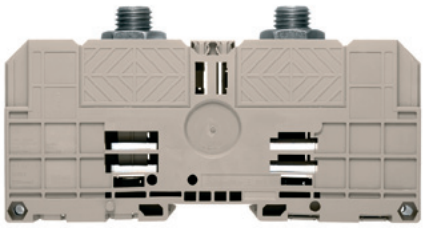
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

| 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 |

WS 12/6,5
WAH 185/300 in blue, Order no. 1064780000

## WFF 300 — 300 mm²

**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 mm² /
50...300 mm² /
25

| 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 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

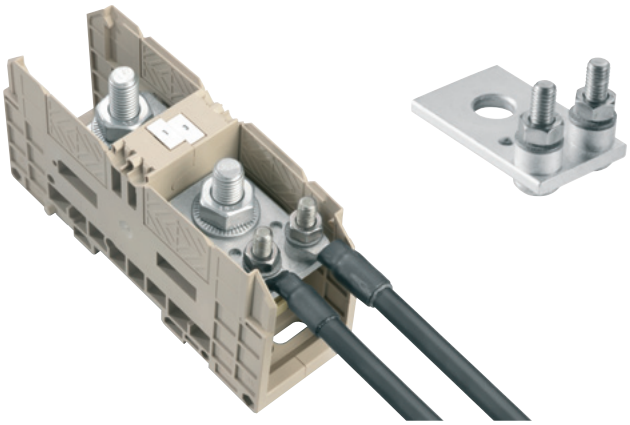
WQL 2 WF 6–10

WQL 3 WF 6–10/2

WQL 2 WF 6/8

| Type | Current [A] | Qty. | Order No. | Primary stud connection [M...] | Neighbouring stud connection [M...] |
|---|---|---|---|---|---|
| WQL 2 WF 6-10 t = 4 mm | 125 | 5 | 1806620000 | WF 6 = 1 pole M 6 | 1 x WF 10 = 1 pole M 10 |
| WQL 3 WF 6-10/2 t = 4 mm | 125 | 5 | 1806640000 | WF 6 = 1 pole M 6 | 2 x WF 10 = 2 poles M 10 |
| WQL 2 WF 6/8 t = 4 mm | 125 | 5 | 1808980000 | WF 6 = 1 pole M 6 | 1 x WF 8 = 1 pole M 8 |
| WQL 4 WF 8-6/3 t = 4 mm | 125 | 5 | 1904960000 | WF 8 = 1 pole M 8 | 3 x WF 6 = 3 poles 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
Stud terminals: WF 10... and WFF 120
The nominal current depends on the test assembly.

## WF

### Cross-connections

| | Type | Current | Qty. | Order No. |
|---|---|---|---|---|
| **WF 5** | | | | |
| 2-pole | WQL WF5 | 101 A | 5 | 1812710000 |
| 3-pole | WQL WF5 | 101 A | 5 | 1812740000 |
| **WF 6** | | | | |
| 2-pole | WQL 2 WF6 | 125 A | 5 | 1780970000 |
| 3-pole | WQL 3 WF6 | 125 A | 5 | 1780980000 |
| **WF 8** | | | | |
| 2-pole | WQL 2 WF8 | 150 A | 5 | 1780990000 |
| 3-pole | WQL 3 WF8 | 150 A | 5 | 1781000000 |
| **WF 10** | | | | |
| 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 |
| **WF 12** | | | | |
| 2-pole | WQL 2 WF12 | 265 A | 5 | 1781030000 |
| 3-pole | WQL 3 WF12 | 265 A | 5 | 1781040000 |
| **WF 6/2BZ** | | | | |
| 2-pole | WQL 2 WF6 | 125 A | 5 | 1780970000 |
| 3-pole | WQL 3 WF6 | 125 A | 5 | 1780980000 |
| **WF 8/2BZ** | | | | |
| 2-pole | WQL 2 WF8 | 150 A | 5 | 1780990000 |
| 3-pole | WQL 3 WF8 | 150 A | 5 | 1781000000 |
| **WF 10/2BZ** | | | | |
| 2-pole | WQL 2 WF10 | 265 A | 5 | 1781010000 |
| 3-pole | WQL 3 WF10 | 265 A | 5 | 1781020000 |
| **WFF 35** | | | | |
| 2-pole | WQL 2 WFF35 | 150 A | 5 | 1064900000 |
| 3-pole | WQL 3 WFF35 | 150 A | 5 | 1065400000 |
| **WFF 70** | | | | |
| 2-pole | WQL 2 WFF70 | 232 A | 5 | 1065000000 |
| 3-pole | WQL 3 WFF70 | 232 A | 5 | 1065500000 |
| **WFF 120** | | | | |
| 2-pole | WQL 2 WFF120 | 309 A | 5 | 1065100000 |
| 3-pole | WQL 3 WFF120 | 309 A | 5 | 1065600000 |
| **WFF 185** | | | | |
| 2-pole | WQL 2 WFF185 | 415 A | 5 | 1065200000 |
| 3-pole | WQL 3 WFF185 | 415 A | 5 | 1065700000 |
| **WFF 300** | | | | |
| 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/mm² |
| Max. clamping range | mm² |

### ST 4000/S M8 — 120 mm²

**Screw thread M8**

| | |
|---|---|
| 40 x 150 x 84 | |
| **269 /** | |

### ST 4000/S M10 — 120 mm²

**Screw thread M10**

| | |
|---|---|
| 40 x 150 x 84 | |
| **269 /** | |
| **...** | |

## Technical data

| **Rated data with Wemid partition wall** | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 4000 | | |
| Rated current | A | 269 | | |
| Rated cross-section | mm² | 120 | | |
| Rated impulse withstand voltage / Pollution severity | | 30 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | |
| Approvals | | | | |
| **Clamped cable lugs** | | | | |
| Cable lug to DIN 46234 | | 1.5 - 120 mm² | | |
| 2 x cable lugs DIN 46 234 | | | | |
| Cable lug to DIN 46235 | | 16...70 mm² | | |
| 2 x cable lugs DIN 46 235 | | | | |
| Tightening torque range | | 6...12 Nm | | |
| **Note** | | Rated voltage when using cable lugs according to DIN 46234 | | |

| **Rated data with Wemid partition wall** | | IEC | UL | CSA |
|---|---|---|---|---|
| Rated voltage | V | 4000 | | |
| Rated current | A | 269 | | |
| Rated cross-section | mm² | 120 | | |
| Rated impulse withstand voltage / Pollution severity | | 30 kV / 3 | | |
| Gauge to IEC 60947-1 / Flammability class UL94 | | / V-0 | | |
| Approvals | | | | |
| **Clamped cable lugs** | | | | |
| Cable lug to DIN 46234 | | 4 - 120 mm² | | |
| 2 x cable lugs DIN 46 234 | | | | |
| Cable lug to DIN 46235 | | | | |
| 2 x cable lugs DIN 46 235 | | | | |
| Tightening torque range | | 10...20 Nm | | |
| **Note** | | Rated voltage when using cable lugs according to DIN 46234 | | |

## Ordering data

| **Version** | **Type** | **Qty.** | **Order No.** |
|---|---|---|---|
| red | ST 4000/S M8 | 25 | **1809110000** |
| with internal thread | ST 4000/S M8 F | 25 | **1809120000** |
| **Note** | Weidmüller creates drawings according to the customer specified ST 4000 application. | | |

| **Version** | **Type** | **Qty.** | **Order No.** |
|---|---|---|---|
| red | ST 4000/S M10 | 25 | **1809130000** |
| with internal thread | ST 4000/S M10 F | 25 | **1809140000** |
| **Note** | Weidmüller creates drawings according to the customer specified ST 4000 application. | | |

## Accessories

| **Cross-connection** | **Type** | **current** | **Qty.** | **Order No.** |
|---|---|---|---|---|
| 2-pole | ST 4000/S J2 M8 | | 100 | **1809310000** |
| 3-pole | ST 4000/S J3 M8 | | 50 | **1809320000** |
| 4-pole | | | | |
| **Busbar** | | **Width** | | |
| M8 / 4 mm thick | ST 4000/S CB M8/4 | | 100 | **1809250000** |
| M10 / 4 mm thick | | | | |
| M10 / 6 mm thick | | | | |
| M12 / 4 mm thick | | | | |
| M12 / 6 mm thick | | | | |
| **Connecting piece** | | | | |
| 130 mm length | ST 4000/S C130 | | 50 | **1809230000** |
| 160 mm length | | | | |
| **Partition plate** | | | | |
| 150 mm length | ST 4000/S P150 | 10 mm | 50 | **1809190000** |
| 180 mm length | | | | |
| **End partition** | | | | |
| 150 mm length | ST 4000/S E150 | 10 mm | 50 | **1809210000** |
| 180 mm length | | | | |
| **Touch-safe protection** | | | | |
| 150 mm length | ST 4000/S S150 | | 20 | **1809470000** |
| 180 mm length | | | | |
| (see assortment in catalogue 7) | | | | |
| **Note** | | | | |

| **Cross-connection** | **Type** | **current** | **Qty.** | **Order No.** |
|---|---|---|---|---|
| 2-pole | ST 4000/S J2 M10 | | 100 | **1809340000** |
| 3-pole | ST 4000/S J3 M10 | | 50 | **1809350000** |
| 4-pole | ST 4000/S J4 M10 | | 25 | **1809360000** |
| **Busbar** | | **Width** | | |
| M8 / 4 mm thick | | | | |
| M10 / 4 mm thick | ST 4000/S CB M10/4 | | 100 | **1809260000** |
| M10 / 6 mm thick | ST 4000/S CB M10/6 | | 100 | **1809270000** |
| M12 / 4 mm thick | | | | |
| M12 / 6 mm thick | | | | |
| **Connecting piece** | | | | |
| 130 mm length | ST 4000/S C130 | | 50 | **1809230000** |
| 160 mm length | | | | |
| **Partition plate** | | | | |
| 150 mm length | ST 4000/S P150 | 10 mm | 50 | **1809190000** |
| 180 mm length | | | | |
| **End partition** | | | | |
| 150 mm length | ST 4000/S E150 | 10 mm | 50 | **1809210000** |
| 180 mm length | | | | |
| **Touch-safe protection** | | | | |
| 150 mm length | ST 4000/S S150 | | 20 | **1809470000** |
| 180 mm length | | | | |

## ST 4000/L M10 — 150 mm²

**Screw thread M10**

55 x 180 x 90
**309 /**
**...**

| 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**

55 x 180 x 90
**415 /**
**...**

| 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 |

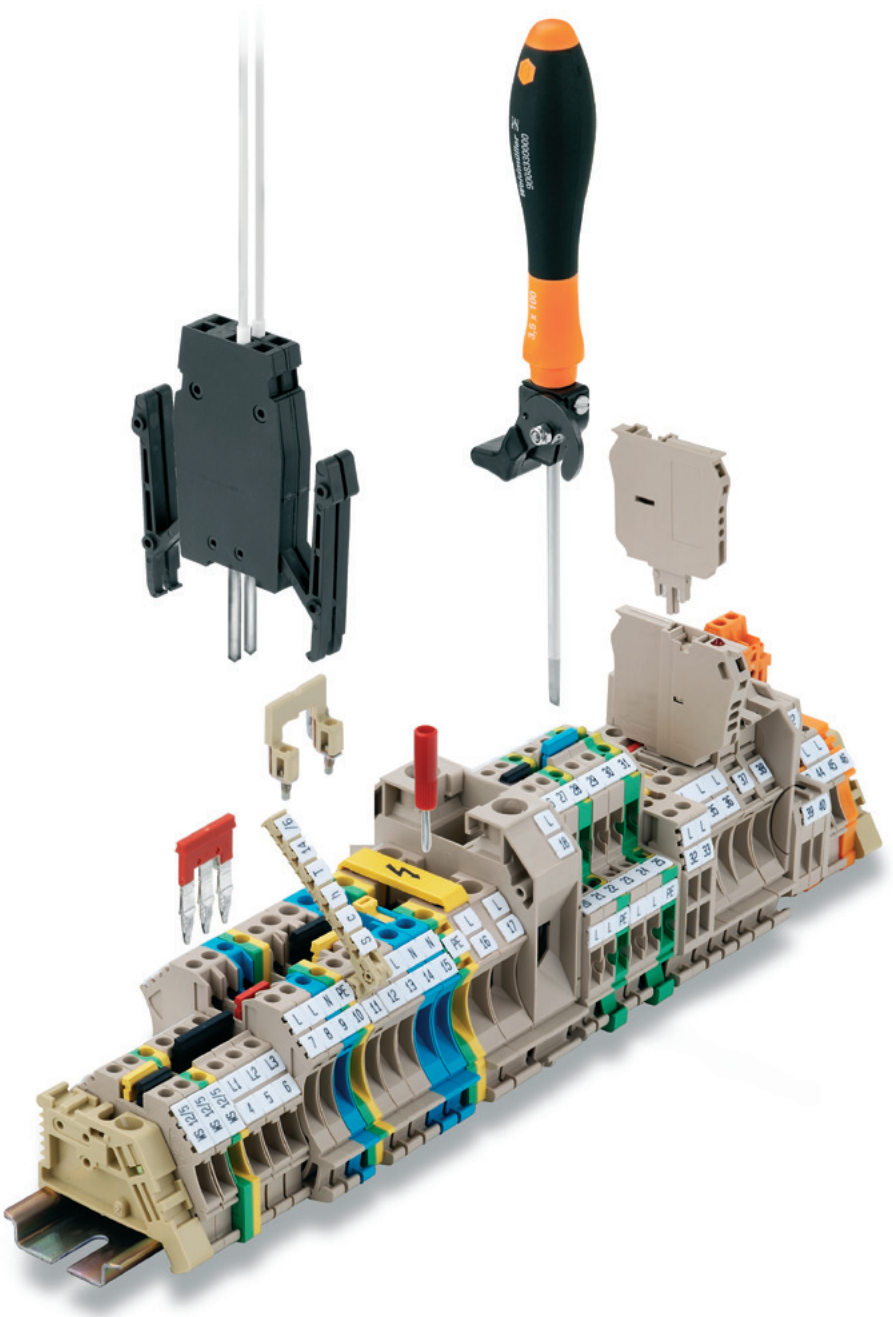
Weidmüller creates drawings according to the customer specified ST 4000 application.

| 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

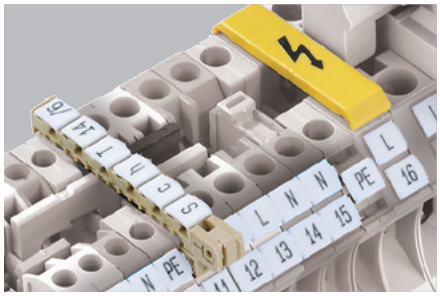
Weidmüller offers the user of W-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions.
All Weidmüller accessories are built to the same high quality standards as the terminals themselves.



**Visual separation – Side covers**
Page D.156

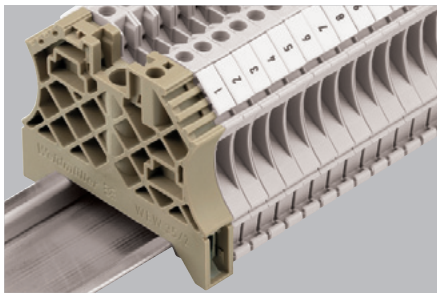
To guarantee "finger-safe" use of terminals, the open sides are covered with end plates and partition plates to prevent any contact with conducting parts.
End plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

**Labelling** Page D.176



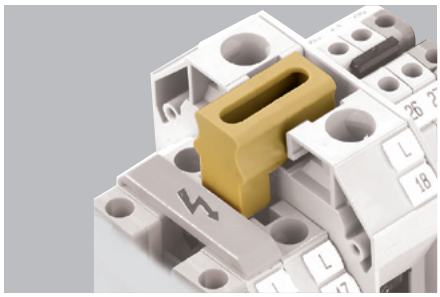
Weidmüller's labelling systems in **chapter F** are used to label screw terminals.
Individual clamping points, terminal groups and conductors can be marked.
The cover (WAD) can also be used for labelling mains supply points (see page **D.168**)

**Fastening** Chapter F



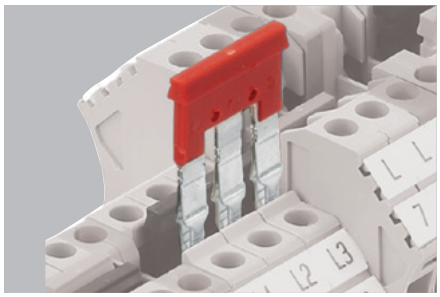
An end bracket is fitted on the terminal rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter F**.

**Power supply** Page D.160



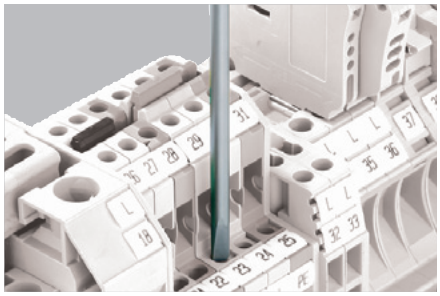
For the W-Series, power is supplied via standard terminals in conjunction with a special cross-connection, which directly connects terminals for larger and smaller cross-sections (the picture shows WDU 35 on WDU 4).
It is possible to form a link to screw-in cross-connections of smaller cross-sections (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



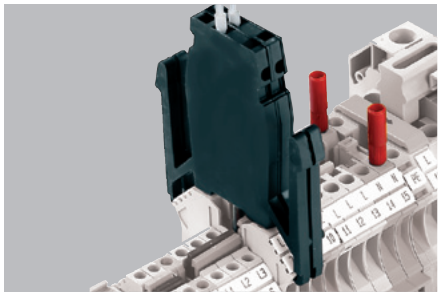
A screw-in and a plug-in cross-connection system is available for Weidmüller screw terminals. The plug-in **cross-connection (ZQV)** for screw terminals is unique. It enables considerable reductions in assembly times. The plug-in cross-connections can be used for nearly all W-Series terminals in the cross-section ranges 2.5 and 4 mm$^2$.

**Connecting** Chapter F



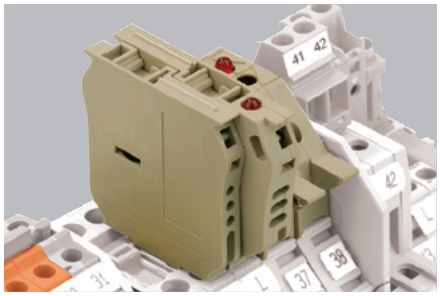
Conductors are connected into Weidmüller terminals using standard screwdrivers, as shown in **chapter F**,

**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 are also possible (Page D.173).

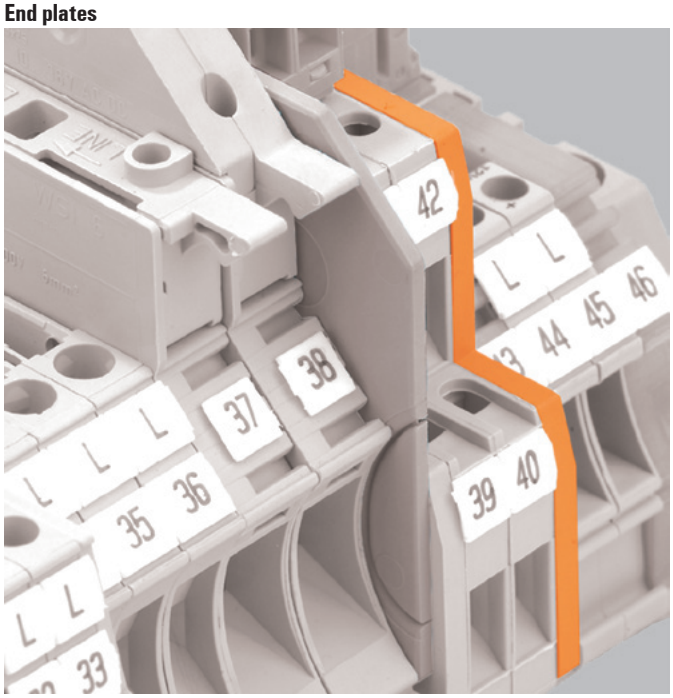
**Specific functions / colour variations** Page D.177



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 | **1050100000** | WDK 2.5 / 800V |
| WAP 16+35 WTW 2.5-10 BL | blue/light blue | 20 | **1050180000** | WDK 2.5 FF |
| WAP 16+35 WTW 2.5-10 OR | orange | 20 | **1050160000** | 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/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 |
| **Width** | | | | |
| WAP WDK2.5 | dark beige | 20 | **1059100000** | WDK 2.5 |
| WAP WDK2.5 BL | blue/light blue | 20 | **1059180000** | WDK 2.5 DU-PE |
| WAP WDK2.5 GN | green | 20 | **1059140000** | 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 |

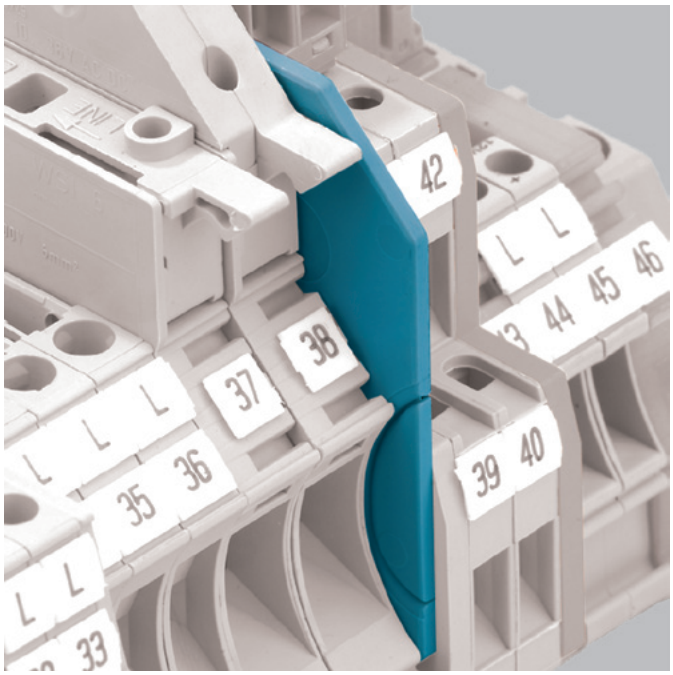
## Ordering data

| Type | Colour | Qty. | Order No. | For terminal: |
|---|---|---|---|---|
| **Width** | | | | |
| WAP WTR2.5/ZZ | dark beige | 20 | **1074600000** | WTR 2.5/ZZ |
| WAP WTR2.5/ZZ BL | blue/light blue | 20 | **1074680000** | WTR 2.5/ZZ BL |
| WAP WDK2.5/BLZ/O.ZA LG | light grey | 20 | **1112130000** | |
| **Width** | | | | |
| WAP WDU/WTR4/ZR | dark beige | 50 | **1905070000** | WDU 4/ZR |
| WAP WDU/WTR4/ZZ | dark beige | 50 | **1905150000** | 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 | **1067700000** | 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 | **1067800000** | 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 | **1577330000** | WDU 1.5/BLZ 5.08 |
| WAP WDU1.5/BLZ/ZA | dark beige | 50 | **1577320000** | WDU 1.5/ZQV/BLZ 5.08 |
| | | | | WDU 2.5/BLZ/7.62 |
| **Width** | | | | |
| WAP WDK2.5/BLZ/M.ZA | blue | 20 | **1070100000** | WDK 2.5 BLZ/5.08/ZA |
| WAP WDK2.5/BLZ/O.ZA | dark beige | 20 | **1070000000** | WDK 2.5 BLZ/7.62/ZA |
| **Width** | | | | |
| AP DLI2.5 DB | dark beige | 20 | **1783550000** | 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 | **1784210000** | DLD 2.5 DB |
| AP DLD2.5/PE DB | dark beige | 20 | **1783800000** | DLD 2.5/PE DB |
| **Width** | | | | |
| WAP WTL6/1 | dark beige | 20 | **1068300000** | 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 | **1608740000** | WTL 4 |
| ZAP/TW 1 BL | blue/light blue | 50 | **1608750000** | WTL 4/STB |
| ZAP/TW 1 GN | green | 50 | **1683680000** | |
| ZAP/TW 1 GR | grey | 50 | **1683710000** | |
| ZAP/TW 1 OR | orange | 50 | **1608760000** | |
| ZAP/TW 1 RT | red | 50 | **1683660000** | |
| **Width** | | | | |
| WAP WDU1.5/R3.5 | beige | 20 | **1754190000** | 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 | **1754200000** | WDK 1.5/R3.5 |
| | | | | WDK 1.5/R3.5 BL |
| **Width** | | | | |
| AP AKZ1.5 | beige | 50 | **0340560000** | AKZ 1.5 |
| AP AKZ1.5 BL | blue | 50 | **0340580000** | AKZ 1.5 BL |
| **Width** | | | | |
| AP AKZ2.5 | beige | 50 | **0697360000** | AKZ 2.5 |
| AP AKZ2.5 BL | blue | 50 | **0697380000** | AKZ 2.5 BL |

## 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 | anthrazcite | 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

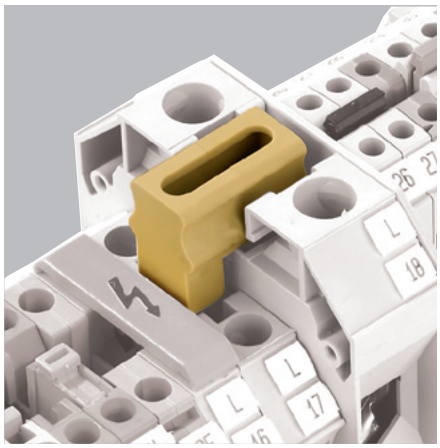
**WAP 16+35 WTW 2.5-10**
Length: 60 mm
Height with TS 35 x 7.5: 63 mm

**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 | **1050100000** | WDK 2.5 / 800V |
| WAP 16+35 WTW 2.5-10 BL | blue/light blue | 20 | **1050180000** | WDK 2.5 FF |
| WAP 16+35 WTW 2.5-10 OR | orange | 20 | **1050160000** | 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 |
| **Width** | | | | |
| WTW EN | dark beige | 20 | **1058800000** | 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



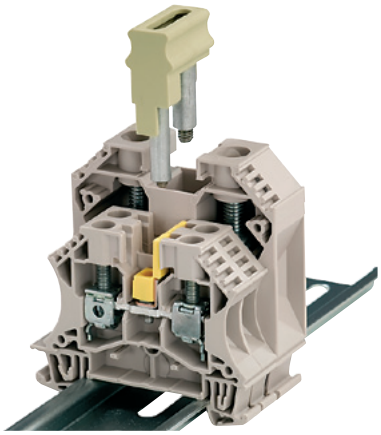
Feed-through terminals such as WDU 35 or WDU 16 are responsible for power supply in the W-Series. The current is routed by the cross-connections shown to terminals of a smaller cross-section (cross-section reduction). After cross-section reduction, the supply can then be distributed on to any number 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

**Mounting**

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 | | to WDU 35 | to WDU 2.5 | |
|---|---|---|---|---|
| Continuous current 2-pole | A | 41 | | |
| Thread size | | M 4 | M 2.5 | |
| Tightening torque | Nm | 1.2 ... 1.8 | 0.4 ... 0.7 | |
| **Ordering data** | | **Type** | **Qty.** | **Order No.** |
| | 2-pole | 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 | | to WDU 16 | to WDU 2.5 | |
|---|---|---|---|---|
| Continuous current 2-pole | A | 41 | | |
| Thread size | | M 4 | M 2.5 | |
| Tightening torque | Nm | 1.2 ... 1.8 | 0.4 ... 0.7 | |
| **Ordering data** | | **Type** | **Qty.** | **Order No.** |
| | 2-pole | WQV 16-2.5 | 10 | **1063900000** |

### Power supply via

**Output terminal**

### WDU 10

**WDU 2.5**

| Technical data | | to WDU 10 | to WDU 2.5 | |
|---|---|---|---|---|
| Continuous current 2-pole | A | 24 | | |
| Thread size | | M 3 | M 2.5 | |
| Tightening torque | Nm | 0.5 ... 0.8 | 0.4 ... 0.7 | |
| **Ordering data** | | **Type** | **Qty.** | **Order No.** |
| | 2-pole | QL 10-2.5 | 10 | **1859620000** |
| **Note** | | not finger-safe | | |

**Note:**
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

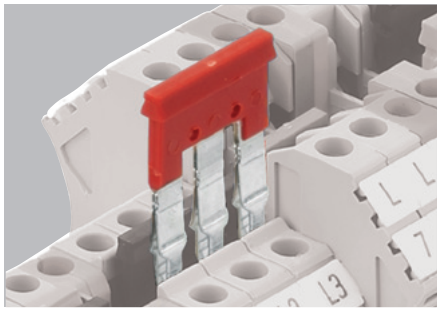
## Potential supply with cross-section reduction

| 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 | A | 24 | | | 41 | | | 24 | | |
| Thread size | | M 3 | M 2.5 | | M 3 | M 3 | | M 3 | M 2.5 | |
| Tightening torque | Nm | 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.** | **Type** | **Qty.** | **Order No.** |
| | 2-pole | WQV 16N-2.5 | 10 | **1073100000** | WQV 16N-4/6 | 10 | **1072500000** | Q WDU6-2.5 SET | 10 | **1859600000** |
| **Note** | | | | | | | | not finger-safe | | |

**Note:**
Cross-section reducing cross-connectors may **not** be used in ATEX applications.

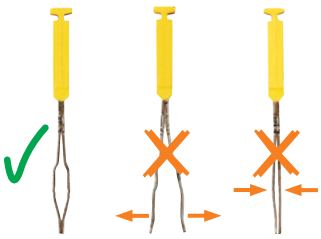
# ZQV plug-in cross-connection



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



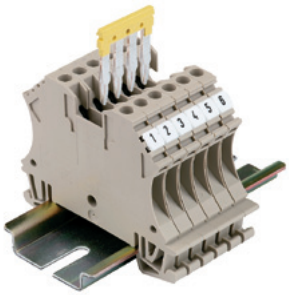
## In one cross-connection channel

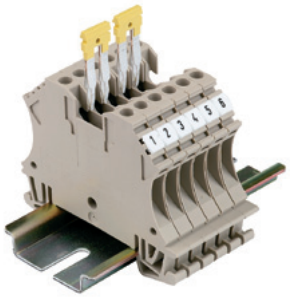
single

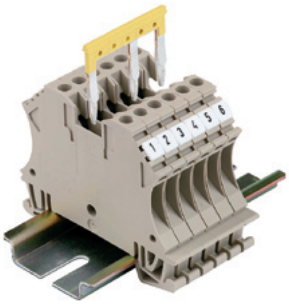


adjacent

bridging

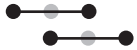




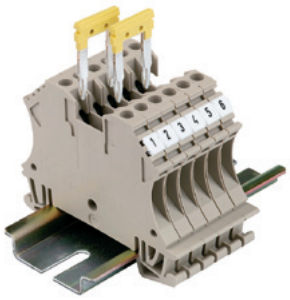


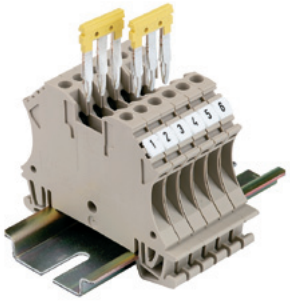
## In two cross-connection channels

parallel/bridging



parallel/lengthening

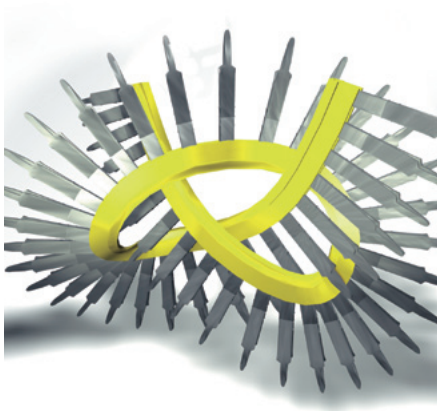


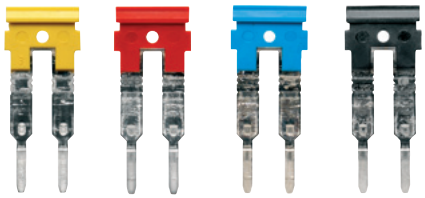


**Possible cross-connections of terminals of the same type with corresponding cross-connectors**

| 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 | • | • | • | | |

## ZQV 2.5N

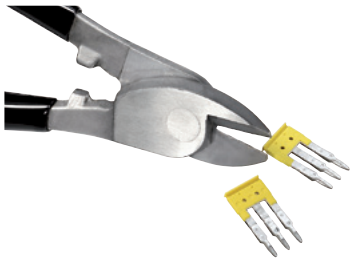




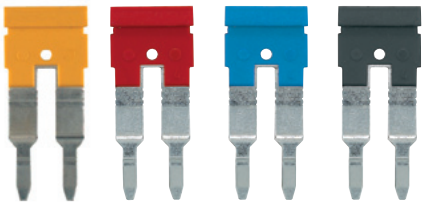
**Continuous cross-connection**
ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.

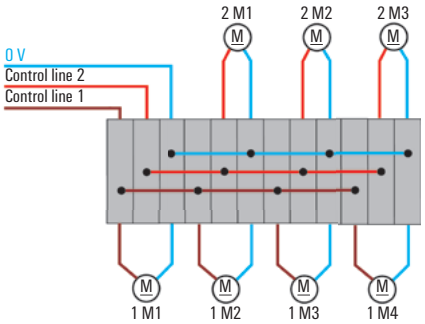
| No. of poles | Type | I [A] | Qty. | Order No. yellow | Order No. red | Order No. blue | Order No. black |
|---|---|---|---|---|---|---|---|
| 2 | ZQV 2.5N/2 | 24 | 60 | 1693800000 | 1717900000 | 1717990000 | 1718080000 |
| 3 | ZQV 2.5N/3 | 24 | 60 | 1693810000 | 1717910000 | 1718000000 | 1718090000 |
| 4 | ZQV 2.5N/4 | 24 | 60 | 1693820000 | 1717920000 | 1718010000 | 1718100000 |
| 5 | ZQV 2.5N/5 | 24 | 20 | 1693830000 | 1717930000 | 1718020000 | 1718110000 |
| 6 | ZQV 2.5N/6 | 24 | 20 | 1693840000 | 1717940000 | 1718030000 | 1718120000 |
| 7 | ZQV 2.5N/7 | 24 | 20 | 1693850000 | 1717950000 | 1718040000 | 1718130000 |
| 8 | ZQV 2.5N/8 | 24 | 20 | 1693860000 | 1717960000 | 1718050000 | 1718140000 |
| 9 | ZQV 2.5N/9 | 24 | 20 | 1693870000 | 1717970000 | 1718060000 | 1718150000 |
| 10 | ZQV 2.5N/10 | 24 | 20 | 1693880000 | 1717980000 | 1718070000 | 1718160000 |
| 20 | 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... |



**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



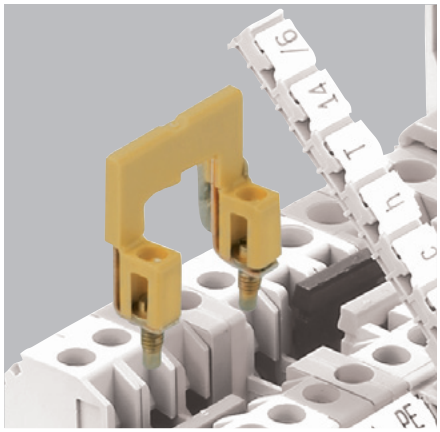



**Important!** For shortened ZQV located adjacent to each other (with bare cut edges), end plates or partition plates are necessary for rated voltage of 250 V.

| 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.

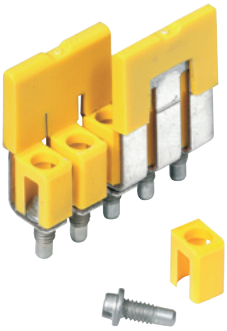
- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

**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.

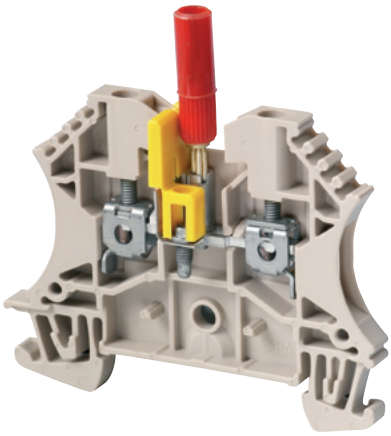


**Routing 2 potentials in parallel**

- 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**

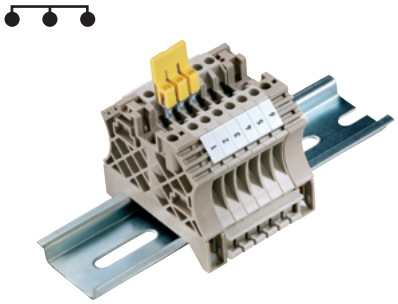
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



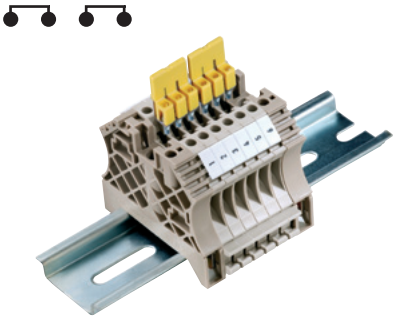
## Potential distribution – possible combinations

### In one cross-connection channel

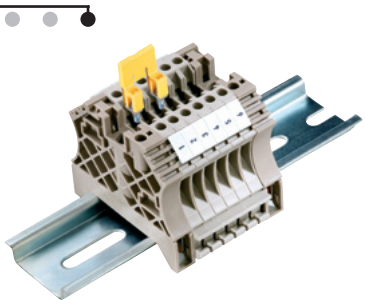
single



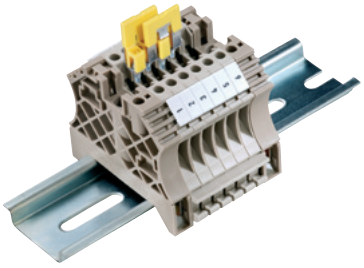
adjacent



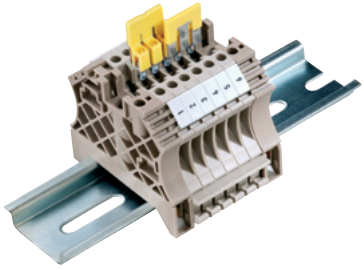
bridging



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 bridging | parallel 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 | 32 / 32 |
| Type of fixing | | Screwed |
| Pitch | mm | 5,10 |

| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| 2-pole | WQV 2.5/2 | 50 | 1053660000 |
| 3-pole | WQV 2.5/3 | 50 | 1053760000 |
| 4-pole | WQV 2.5/4 | 50 | 1053860000 |
| 5-pole | WQV 2.5/5 | 10 | 1053960000 |
| 6-pole | WQV 2.5/6 | 10 | 1054060000 |
| 7-pole | WQV 2.5/7 | 10 | 1054160000 |
| 8-pole | WQV 2.5/8 | 10 | 1054260000 |
| 9-pole | WQV 2.5/9 | 10 | 1054360000 |
| 10-pole | WQV 2.5/10 | 20 | 1054460000 |
| 15-pole | WQV 2.5/15 | 10 | 1059660000 |
| 20-pole | WQV 2.5/20 | 10 | 1577570000 |
| 32-pole | WQV 2.5/32 | 10 | 1577600000 |

**For terminal:**

WDU 1.5 ZZ
WDU 1.5 BLZ
WDU 2.5/1.5 ZR
WDU 2.5
WDU 2.5 F
WDK 2.5
WDK 2.5 V
WDK 2.5 DU-PE
WDK 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 | / 101 |
| Type of fixing | | Screwed |
| Pitch | mm | 16,00 |

| Ordering data | Type | Qty. | Order No. |
|---|---|---|---|
| 2-pole | WQV 35N/2 | 20 | 1079200000 |
| 3-pole | WQV 35N/3 | 20 | 1079300000 |
| 4-pole | WQV 35N/4 | 20 | 1079400000 |
| 5-pole | | | |
| 6-pole | | | |
| 7-pole | | | |
| 8-pole | | | |
| 9-pole | | | |
| 10-pole | | | |
| 15-pole | | | |
| 20-pole | | | |
| 32-pole | | | |

**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

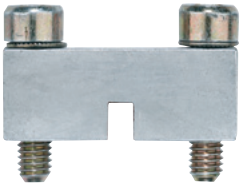
## WQV 70/95

/ 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 |

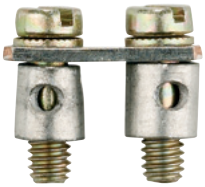
**For terminal:**
WDU 120/150

## Screwable QV

### Q AKZ 4 SS

| Technical data | | | | |
|---|---|---|---|---|
| Current | A | 20 / 20 | | |
| Type of fixing | | Screwed | | |
| Pitch | mm | 5,10 | | |
| **Ordering data** | | **Type** | **Qty.** | **Order No.** |
| | 2-pole | Q 2 AKZ4SS | 50 | **0369000000** |
| | 3-pole | | | |
| | 4-pole | | | |
| | 5-pole | | | |
| | 10-pole | Q 10 AKZ4SS | 20 | **0369300000** |
| | 20-pole | | | |
| | | **For terminal:** | | |
| | | 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** |
| | | **For terminal:** | | |
| | | DLI 2.5 | | |
| | | DLA 2.5 | | |
| | | DLD 2.5 | | |

### Q AKZ 1.5

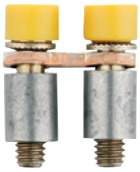
| | | | | |
|---|---|---|---|---|
| | | / 24 | | |
| | | Screwed | | |
| | | 5,10 | | |
| | | **Type** | **Qty.** | **Order No.** |
| | | Q 2 AKZ1.5 | 50 | **0368200000** |
| | | Q 3 AKZ1.5 | 50 | **0368300000** |
| | | Q 4 AKZ1.5 | 50 | **0368400000** |
| | | | | |
| | | Q 10 AKZ1.5 | 20 | **0368500000** |
| | | **For terminal:** | | |
| | | AKZ 1.5 | | |
| | | AKZ 2.5 | | |

## Screwable QV

### Q AKZ 4

| Technical data | | | | |
|---|---|---|---|---|
| Current | A | 32 / 32 | | |
| Type of fixing | | Screwed | | |
| Pitch | mm | 6,10 | | |
| **Ordering data** | | **Type** | **Qty.** | **Order No.** |
| | 2-pole | Q 2 AKZ4 | 50 | **0336400000** |
| | 3-pole | Q 3 AKZ4 | 50 | **0336500000** |
| | 4-pole | Q 4 AKZ4 | 50 | **0336600000** |
| | 5-pole | | | |
| | 10-pole | Q 10 AKZ4 | 20 | **0368600000** |
| | 20-pole | | | |
| | | **For terminal:** | | |
| | | 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** |
| | | **For terminal:** | | |
| | | WDL 2.5/S...(with 10 x 3 busbar) | | |
| | | WDL 2.5 (With isolator, external side) | | |

# External cross-connection bridges

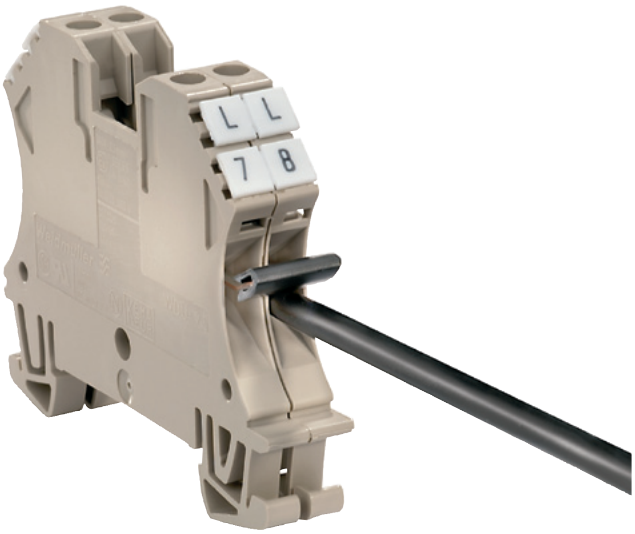
## Function

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.

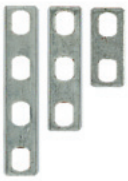
## Assembly

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.




## Technical data

| | | QL ...WSI 6 | WQB A / ... | WQB B / ... |
|---|---|---|---|---|
| | | Pitch 6,3 mm | Pitch 5,1 mm | Pitch 5,1 mm |
| | |  | | |
| Continuous current 2-pole/multi-pole | A | 24 / 24 | 24 / 24 | 24 / 24 |
| Fork length | mm | 12 | 12 | 16 |

## Ordering data

| | QL ...WSI 6 | | | WQB A / ... | | | WQB B / ... | | |
|---|---|---|---|---|---|---|---|---|---|
| | Type | Qty. | Order No. | Type | Qty. | Order No. | Type | Qty. | Order No. |
| 2-pole | QL 2 | 100 | 0194300000 | WQB A / 2 | 50 | 1578950000 | WQB B / 2 | 50 | 1579010000 |
| 3-pole | QL 3 | 100 | 0194400000 | WQB A / 3 | 50 | 1578960000 | WQB B / 3 | 50 | 1579020000 |
| 4-pole | QL 4 | 50 | 0194500000 | WQB A / 4 | 50 | 1578970000 | WQB B / 4 | 50 | 1579030000 |
| 10-pole | QL 10 | 20 | 0338300000 | WQB A / 10 | 50 | 1578990000 | WQB B / 10 | 50 | 1579050000 |
| 24-pole | | | | WQB A / 24 | 50 | 1579000000 | WQB B / 24 | 50 | 1579060000 |
| Fixing screw | BS-M 3 x 5 | 100 | 1052100000 | | | | | | |
| Releasing tool | WAW 2 | 1 | 9004510000 | | | | | | |
| | For terminal: | | | For terminal: | | | For terminal: | | |
| | WSI 6... | | | WDK 2.5 | | | WDU 1.5 / ZZ (lower connection level) | | |
| | | | | | | | WDU 2.5 | | |
| | | | | | | | WDU 2.5 / 1.5 / ZR (lower connection level) | | |
| | | | | | | | WTR 2.5 | | |

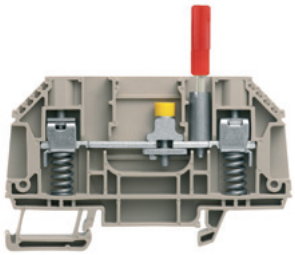
# Testing in terminals

## 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 $mm^2$ 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.



## StB

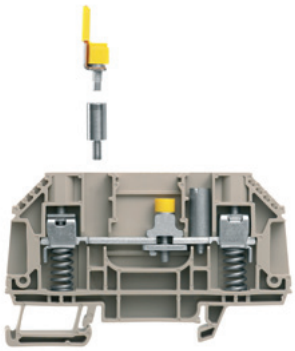
**Socket**

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

| Test plug | Qty. | Order No. |
|---|---|---|
| **2.3 mm diameter / rated current 17.5 A** | | |
| PS 2.3 | 20 | **0180400000** |
| **4.0 mm diameter / rated current 24 A** | | |
| PS 4 | 20 | **0299600000** |



### Ordering data

| Socket | For test plug | Qty. | Order No. | For terminal standard design | For terminal compact design |
|---|---|---|---|---|---|
| **Thread M 2.5 / Length 11.5 mm** | | | | | |
| 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 |
| **Thread M 3 / Length 12 mm** | | | | | |
| StB 8.5 | PS 2.3 | 50 | **0280600000** | WDU 4<br>WDU 6<br>WDU 10<br>WDU 10/ZR | |
| **Thread M 3 / Length 19 mm** | | | | | |
| StB 14 | PS 4 | 50 | **0169900000** | WDU 10<br>WDU 10ZR | WDU 16N<br>WDU 35 |
| **Thread M 4 / Length 23 mm** | | | | | |
| StB 16 | PS 4 | 50 | **0140200000** | WDU 16 | WDU 35N<br>WDU 35 |
| **Thread M 3 / Length 23 mm (finger-safe)** | | | | | |
| StB 21.6 | PS 4 | 50 | **1071000000** | WDU 4<br>WDU 10 | WDU 6 |

## Test adapter

| | | WTA 1 | WTA 2 | WTA 3 |
|---|---|---|---|---|
| | | | | |
| **Dimensions** | | | | |
| Width / Length / Height | mm | 5 / 66.1 / 98.2 | 5 / 66.1 / 107.6 | 6 / 66.1 / 107.6 |
| Stripping length | mm | 6 | 6 | 6 |
| **Rated data** | | **IEC UL CSA** | **IEC UL CSA** | **IEC UL CSA** |
| Rated voltage | V | 250 300 300 | 250 300 | 250 300 |
| Rated current | A | 6 6 6 | 6 | 6 |
| Rated cross-section | mm² | 1.5 | 1.5 | 1.5 |
| **Clamped conductors (H05V/H07V)** | | | | |
| solid / stranded | mm² | 0.5...1.5 | 0.5...1.5 | 0.5...1.5 |
| flexible / flexible with ferrule | mm² | 1...1.5 / 0.5...1.5 | 1...1.5 / 0.5...1.5 | 1...1.5 / 0.5...1.5 |
| **Ordering data** | | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** |
| | 1-pole | WTA 1 WDU1.5 / 25 / **1632290000** | WTA 2 WDU2.5-10 / 25 / **1632320000** | WTA 3 WDU4 / 25 / **1632350000** |
| | With snap-in pegs | WTA 1/ZA WDU1.5 / 25 / **1632300000** | WTA 2/ZA WDU2.5-10 / 25 / **1632330000** | WTA 3/ZA WDU4 / 25 / **1632360000** |
| | 10-pole | | WTA 2/10 WDU2.5/10 / 5 / **1632340000** | |
| | | **For terminal:** | **For terminal:** | **For terminal:** |
| | | WDU 2.5N<br>WDU 4N | WDU 1.5 ZZ<br>WDU 2.5/1.5 ZR<br>WDU 2.5<br>WDU 2.5 F<br>WDU 4<br>WDU 6<br>WDU 10<br>WDU 16 | WDU 4<br>WDU 6<br>WDU 10 |

## Test adapter

| | | WTA 6 | WTA 7 |
|---|---|---|---|
| | | | |
| **Dimensions** | | | |
| Width / Length / Height | mm | 5 / 66.1 / 107.6 | 6 / 68 / 120 |
| Stripping length | mm | 6 | 6 |
| **Rated data** | | **IEC UL CSA** | **IEC UL CSA** |
| Rated voltage | V | 250 300 300 | 250 300 |
| Rated current | A | 6 6 6 | 6 |
| Rated cross-section | mm² | 1.5 | 1.5 |
| **Clamped conductors (H05V/H07V)** | | | |
| solid / stranded | mm² | 0.5...1.5 | 0.5...1.5 |
| flexible / flexible with ferrule | mm² | 1...1.5 / 0.5...1.5 | 1...1.5 / 0.5...1.5 |
| **Ordering data** | | **Type / Qty. / Order No.** | **Type / Qty. / Order No.** |
| | 1-pole | WTA 6 WTR2.5 / 25 / **1632380000** | WTA 7 WSI6 / 25 / **1650210000** |
| | With snap-in pegs | WTA 6/ZA WTR2.5 / 25 / **1632390000** | |
| | 10-pole | | |
| | | **For terminal:** | **For terminal:** |
| | | WTR 2.5 | 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 |

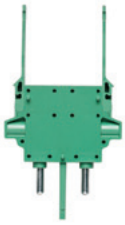
**For terminal:**

WDU 2.5
WDU 4
WDU 6
WDU 10
WDU 10 ZR

## Test adapter

| Dimensions | |
|---|---|
| Width / Length / Height | mm |
| Stripping length | mm |
| **Rated data** | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm² |
| **Clamped conductors (H05V/H07V)** | |
| solid / stranded | mm² |
| flexible / flexible with ferrule | mm² |
| **Ordering data** | |
| | green |
| | beige |

## WTA 8



| | | |
|---|---|---|
| 6 / 39 / 78 | | |
| **IEC** | **UL** | **CSA** |
| 205 | | |
| 6 | | |
| 1.5 | | |
| 0.5...2.5 | | |

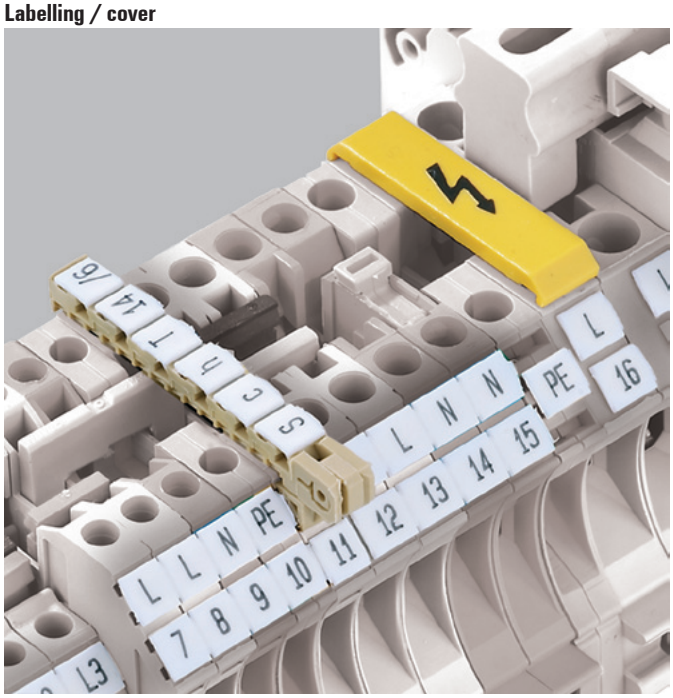
| Type | Qty. | Order No. |
|---|---|---|
| WTA 8KO-TN | 25 | 1915480000 |
| WTA 8 TN | 25 | 1915450000 |

**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.

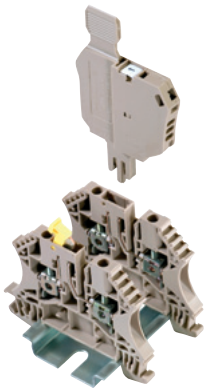
### Touch protection with uninsulated cross-connections

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.

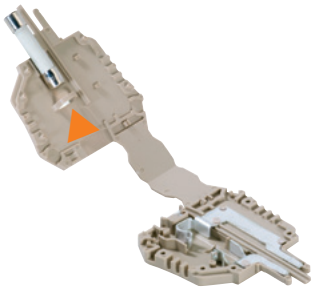
## WAD

| 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 |
| | | | | WDK 2.5 BL |
| | | | | WDK 2.5 DU-PE |
| | | | | WDK 2.5 F |
| | | | | WDK 2.5 F BL |
| | | | | WDK 2.5 FF |
| | | | | WDK 2.5 FV |
| | | | | WDK 2.5 ZQV |
| | | | | WDK 2.5 ZQV BL |
| | | | | WDK 2.5/D |
| | | | | WDK 2.5V |
| | | | | WDK 2.5V BL |
| | | | | WDU 1.5/ZZ |
| | | | | WDU 1.5/ZZ BL |
| | | | | WDU 2.5 F 2X2.8 |
| | | | | WDU 2.5 FF 2*2.8 |
| | | | | WDU 2.5N |
| | | | | WDU 2.5N BL |
| | | | | WDU 2.5N ZQV |
| | | | | WDU 2.5N ZQV BL |
| | | | | WDU 2.5N/600 UL |
| | | | | WDU 4N |
| | | | | WDU 4N BL |
| **Width** | | | | |
| WAD 5 MC NE WS | white | 48 | **1112910000** | WDU 2.5 |
| WAD 5 MC B GE/SW | with lightning flash black on yellow | 49 | **1120450000** | WDU 2.5 BL |
| | | | | WDU 2.5/1.5/ZR |
| | | | | WDU 2.5/1.5/ZR BL |
| | | | | WDU 4 |
| | | | | WDU 4 BL |
| | | | | WDU 6 |
| | | | | WDU 6 BL |
| **Width** | | | | |
| WAD 8 MC B GE/SW | Lightning flash black on yellow | 48 | **1120470000** | WDU 10 |
| | | | | WDU 10 BL |
| WAD 8 MC NE WS | white | 48 | **1112940000** | |
| **Width** | | | | |
| WAD 12 M. BL. | yellow | 50 | **1055960000** | WDU 16/ZA |
| WAD 12 NEUTRAL | white | 50 | **1056260000** | WDU 16/ZA BL |
| | | | | WDU 16N BL |
| | | | | WDU 35/IK/ZA |
| | | | | WDU 35/ZA |
| | | | | WDU 35/ZA BL |
| **Width** | | | | |
| WAD 12N GE BED | yellow | 50 | **1073200000** | WDU 16N |
| **Width** | | | | |
| WAD 16N GE BED | yellow | 50 | **1083600000** | WDU 16N |
| WAD 16N WS | white | 50 | **1083500000** | WDU 35N |
| | | | | WDU 35N BL |
| **Width** | | | | |
| WAD 20 GE WSD | yellow | 10 | **9512260000** | WDU 50N |
| | | | | WDU 50N BL |
| | | | | WDU 70N/35 |
| | | | | WDU 70N/35 BL |
| | | | | WDU 95N |
| | | | | WDU 95N BL |
| **Width** | | | | |
| WAD 27 M. BL. | yellow | 10 | **1062860000** | WDU 120 |
| WAD 27 NEUTRAL | white | 10 | **1062960000** | WDU 120 BL |
| | | | | WDU 70/95 |
| | | | | WDU 70/95 BL |

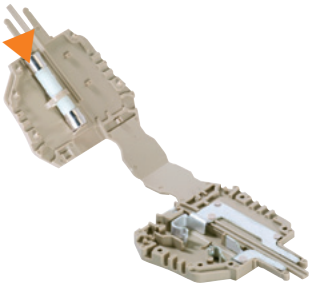
## SIHA fuse holder



**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 (V0)
- 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** |

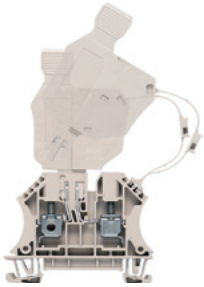
| For test-disconnect terminal versions |
|---|
| WTR 2.5/ZZ |

### 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 |

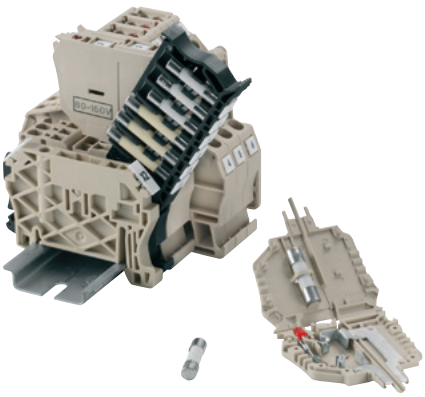
### SIHA STRAP



| | 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



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.

### ZST 1

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

### Ordering data

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

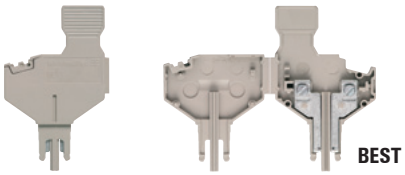
## Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications 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

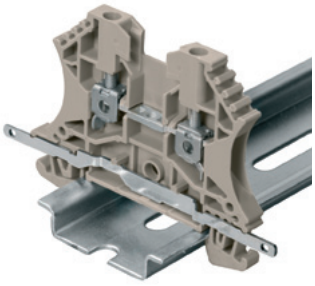
| Type | Colour | Qty. | Order No. |
|---|---|---|---|
| TNST | yellow Wemid | 25 | 1833090000 |
| **For terminal type** | | | |
| WTR 2.5 | | | |
| WTR 4 | | | |
| WTR4/ZZ | | | |
| WTR4/ZR | | | |

## 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.



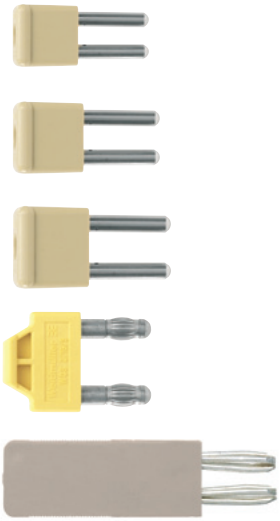
## Short-circuit plug (WDS)

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.

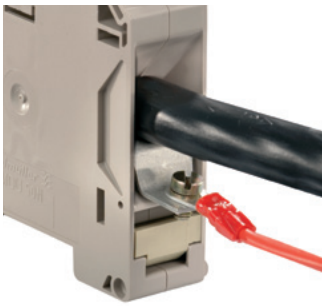
For terminal width 5.1 mm



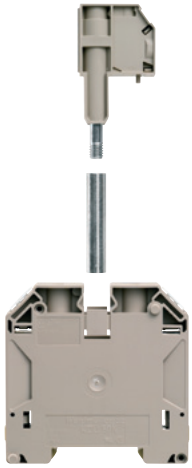
## Extension connector (WZAD)

An extension connector (WZAD) is offered for feed-through terminals from 70 mm².

**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 mm² 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.



### LS 2.8

| Type | Qty. | Order No. |
|---|---|---|
| LS 2.8 WDU2.5-10 | 50 | 1056400000 |

### WDS

| Type | Qty. | Order No. |
|---|---|---|
| WDS 2 | 20 | 1069900000 |

### WZAD

| Type | Clamped conductor | Rated current | Qty. | Order No. | For terminal |
|---|---|---|---|---|---|
| WZAD 70/95 | up to 4 mm² | 32 A | 10 | 1066000000 | WDU 70/95 |
| WZAD 120 | up to 4 mm² | 32 A | 10 | 1066100000 | WDU 120/150 |
| WZAD 240 | up to 10 mm² | 57 A | 5 | 1802810000 | WDU 240 |
| WZAD 50N | up to 10 mm² | 40 A | 5 | 1872720000 | WDU 50N |
| WZAD 70N | up to 4 mm² | 32 A | 10 | 1964830000 | WDU 50N/70N |
| WZAD 95N/120N | up to 10 mm² | 41 A | 5 | 1859580000 | WDU 95N/120N |

### 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 |

### Reduced voltage

| For terminal |
|---|
| WDU 1.5/ZZ |
| WDU 2.5/1.5/ZR |
| WDU 2.5 |
| WDK 2.5... (WQV) |
| WTR 2.5... |
| WDU 2.5 F... |

### WZAF with M3 mounting screw

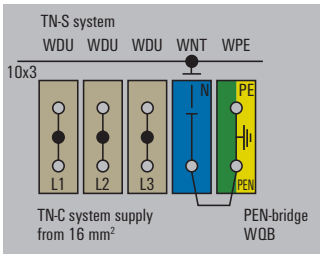
| Type | Clamped conductor | Rated current | Qty. | Order No. | For terminal |
|---|---|---|---|---|---|
| WZAF 35 | 4 mm² | 32 A | 10 | 1070500000 | WFF 35 |
| WZAF 70 | 4 mm² | 32 A | 10 | 1066200000 | WFF 70 |
| WZAF 120 | 4 mm² | 32 A | 10 | 1066300000 | WFF 120 |
| WZAF 185 | 4 mm² | 32 A | 10 | 1066400000 | WFF 185 |
| WZAF 300 | 4 mm² | 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.

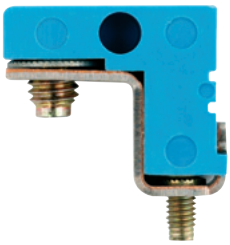
**Standard installation**
Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm²
**Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

**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



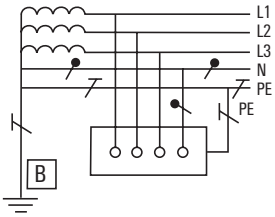
### WQB-PEN ...

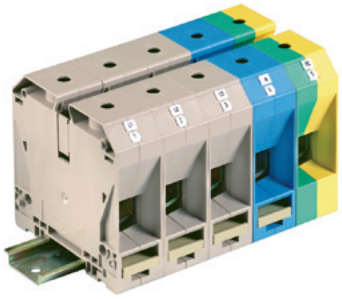
| Type | Qty. | Order No. | For terminal |
|---|---|---|---|
| **with standard terminals** | | | |
| WQB-PEN 10 | 10 | **1060300000** | WPE 10<br>WDU 10 BL |
| WQB-PEN 16 | 10 | **1060200000** | WPE 16<br>WDU 16 BL |
| WQB-PEN 35 | 10 | **1060100000** | WPE 35<br>WDU 35 BL |
| **with compact terminals** | | | |
| 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

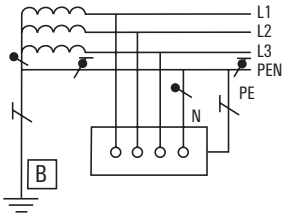
| Type | Qty. | Order No. | For terminal |
|---|---|---|---|
| WQV 16N-PEN | 10 | **1071360000** | WPE 16N<br>WDU 16N BL |
| WQV 70N-PEN | 5 | **9525840000** | WPE 70N<br>WDU 70N BL |
| WQV 70/95-PEN | 5 | **1072300000** | WPE 70/95<br>WDU 70/95 BL |
| WQV 120-PEN | 5 | **1072400000** | WPE 120/150<br>WDU 120/150 BL |
| WQV 50N-PEN | | **9201610000** | WPE 50N<br>WDU 50N |
| WQV 95N/120N-PEN | | **9201630000** | WPE 95N/120N<br>WDU 95N/120N |

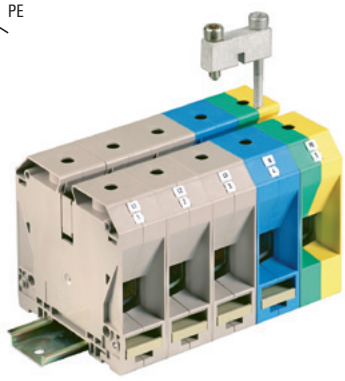
### TN-S system:

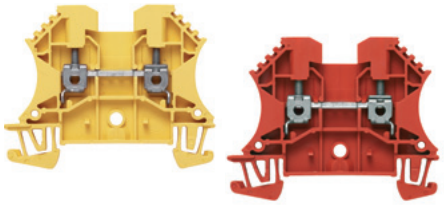


### TN-C system:





The colours listed are available as standard. Other terminal types can be supplied in customised colours on request for quantities exceeding the minimum quantity.

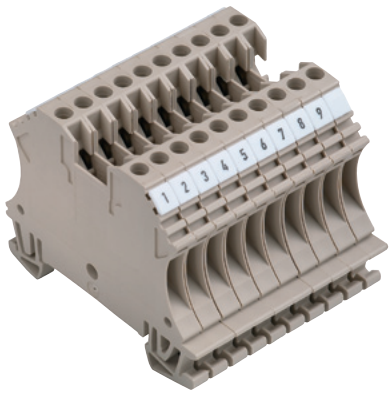
## Standard design

| | Colour | Qty. | Order No. |
|---|---|---|---|
| **WDU 2.5** | | | |
| 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** |
| **WDK 2.5** | | | |
| WDK 2.5 OR | orange | 100 | **1021560000** |
| **WDK 2.5 V** | | | |
| WDK 2.5 V OR | orange | 100 | **1022360000** |
| WDK 2.5 V GE | yellow | 100 | **1022350000** |
| **WDU 4** | | | |
| 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** |
| **WDU 6** | | | |
| 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** |
| **WDU 10** | | | |
| 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** |
| **WDU 16** | | | |
| WDU 16 BL | blue | 50 | **1020480000** |
| WDU 16 RT | red | 50 | **1833400000** |
| WDU 16 SW | black | 50 | **1833420000** |
| **WDU 35** | | | |
| 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** |
| **WSI 6** | | | |
| WSI 6 OR | orange | 50 | **1011060000** |
| WSI 6 SW | black | 50 | **1011010000** |
| WSI 6 BL | blue | 50 | **1011080000** |
| **WTD 6/1** | | | |
| WTD 6/1 GE | yellow | 50 | **1631760000** |
| WTD 6/1 RT | red | 50 | **1631750000** |
| **WTL 6/3** | | | |
| WTL 6/3 BR | brown | 50 | **1018640000** |

## Compact design

| | Colour | Qty. | Order No. |
|---|---|---|---|
| **WDU 2.5** | | | |
| WDU 2.5N BL | blue | 100 | **1023780000** |
| WDU 2.5N OR | orange | 100 | **1023760000** |
| WDU 2.5N ZQV BL | blue | 100 | **1040880000** |
| **WDK 4N** | | | |
| WDU 4N BL | blue | 100 | **1042680000** |
| WDK 4N OR | orange | 100 | **1041960000** |
| **WDU 16** | | | |
| WDU 16N BL | blue | 50 | **1036180000** |
| **WDU 35** | | | |
| WDU 35N BL | blue | 20 | **1040480000** |
| WDU 35N KB BL | blue | 20 | **1836550000** |

## Pre-fitted terminal blocks



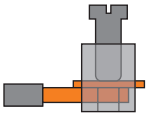

Readily assembled and marked terminal blocks are available as a standard feature for smaller cross-section ranges.
Installation times can be reduced by simply slotting in complete blocks. The rating data depends on the corresponding terminal type.

**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)

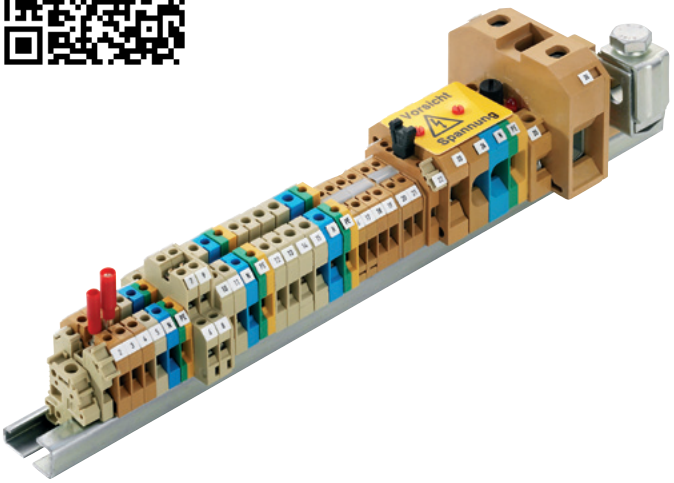
| WDU 2.5 | Qty. | Order No. | Description |
|---|---|---|---|
| WDU 2.5/10 BEZ | 10 | **1020700000** | 10 x WDU 2.5, identified by printed marking strip DEK 5 (nos. 1 – 9) |
| WDU 2.5/10 BEZ/NE | 10 | **1020800000** | 10 x WDU 2.5, with blank marking strip DEK 5 |
| **WDK 2.5** | | | |
| WDK 2.5/10 | 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.**

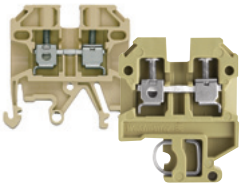


All materials checked for conformity with the latest environmental directives and RoHS requirements.

## Versions

- Cross-sections from 0.5 to 35 mm²
- TS 32/TS 35 "2 in 1" combination foot

- Cross-sections from 0.5 to 95 mm²
- Special foot for TS 35
- Special foot for TS 32



## Product assortment

| Terminal type | Rated cross-section 2.5 mm² | 4 mm² | 6 mm² | 10 mm² | 16 mm² | 35 mm² | Flat-blade connection | Faston-connection | Spring loaded | Solder connection |
|---|---|---|---|---|---|---|---|---|---|---|
| **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

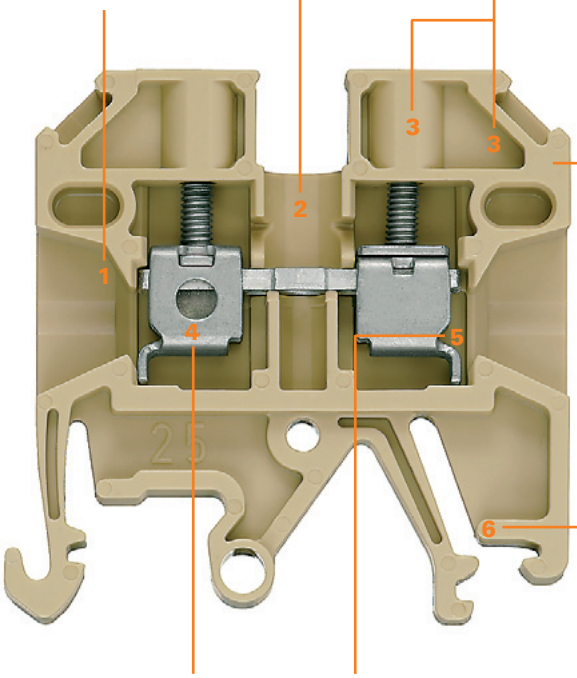
Separation of electrical and mechanical functions:
- Clamping yoke and clamping screw made from hardened steel for high contact forces.
- A copper current bar for a low through resistance. The tin-plated surface guarantees minimum contact resistance.
- Gas-tight clamping point.
- Clamping point suitable 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

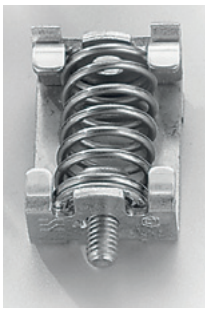

| | | |
|---|---|---|
| **Shield connection terminals KLBÜ** | Overview shield connection terminals KLBÜ | E.2 |
| | Shield connection terminals KLBÜ for 10 x 3 mm busbars | E.6 |
| | Shield connection terminals KLBÜ – Mounting directly on metal plate | E.10 |
| | Shield connection terminals KLBÜ – Mounting 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

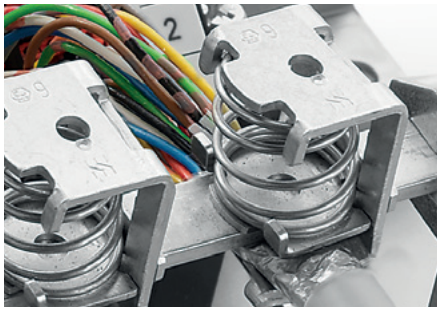
## Comprehensive and self-adjusting shield contacts

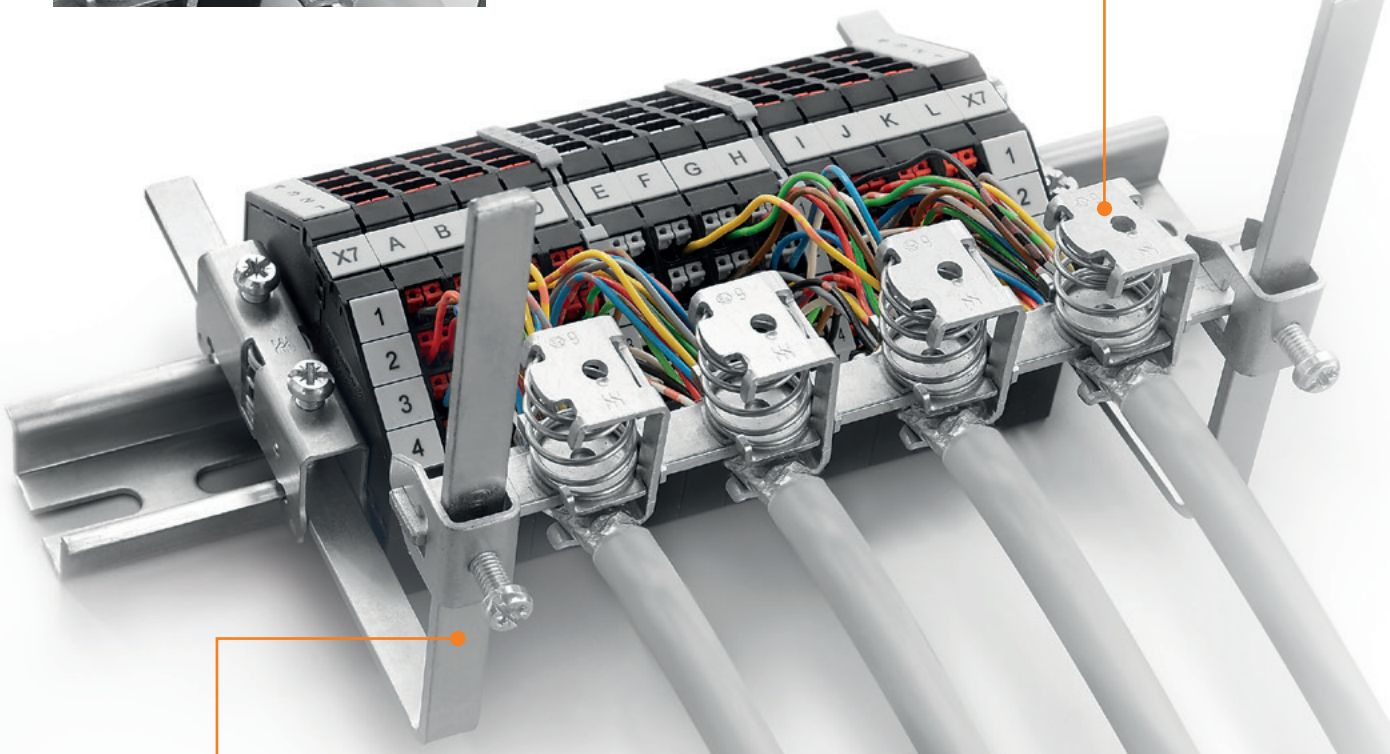
Shield connections automatically adjust themselves using the spring principle to deal with temperature-related, cross-sectional changes and are also ideal for applications with vibrations. The large contact surface area and the short connection length to the rail or mounting plate ensures optimal contact over a wide frequency band. This ensures that assembly is simple and secure.

**Optimal and sustainable**
There is a suitable solution for every installation, safe and reliable thanks to the spring force.

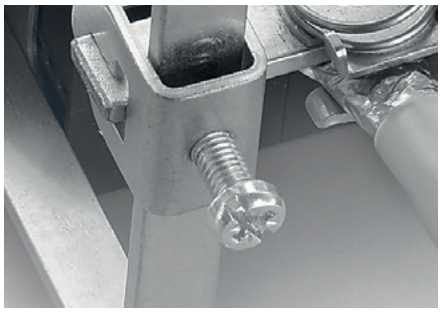


**Guaranteed contact reliability**
Be it transient surge voltages or electromagnetic fields in the area, coupling is safely prevented. The self-adjusting shield connection improves your productivity.

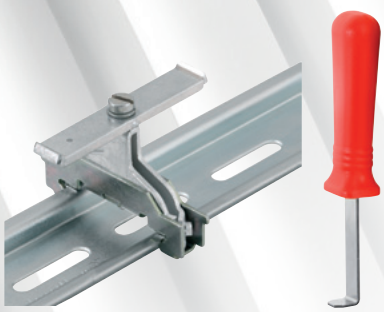





**Simply brilliant**
The operating principles and assembly are both immediately clear and ensure clarity through the whole series.



**Tailor made accessories**
Weidmüller offers the accessories needed to ensure optimum shielding, they are tailor made to make your build simple, safe and quick.

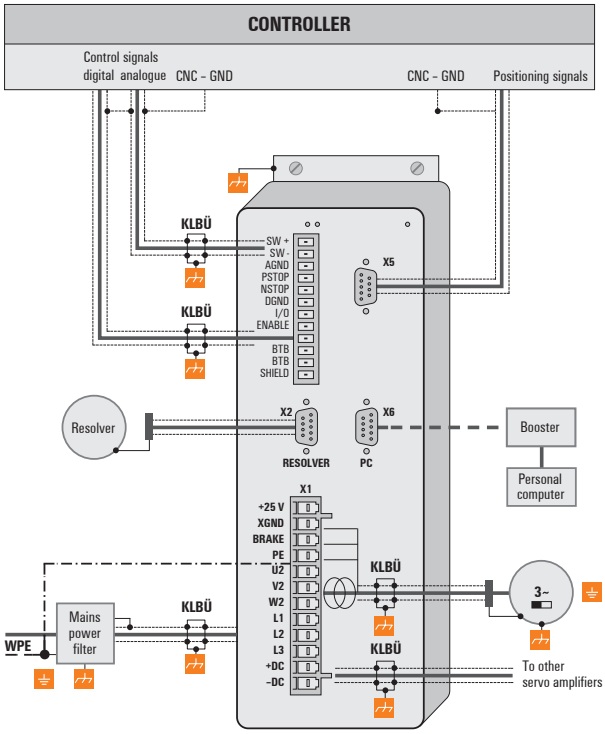


# The theoretical concept

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 (≥ 6 mm²).
- 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

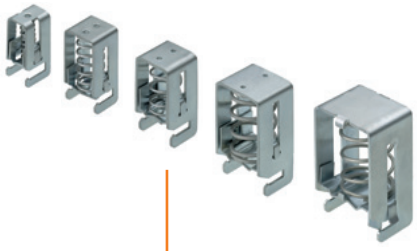
- To ensure both simple handling and proper connection with permanent contact pressure as a result of the spring effect

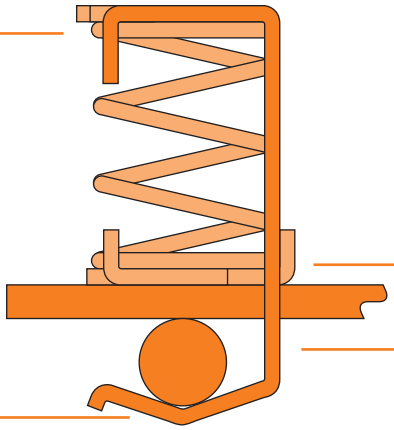
### No extra tools necessary

- 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

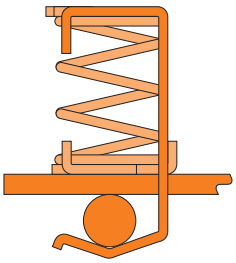
### Many options available

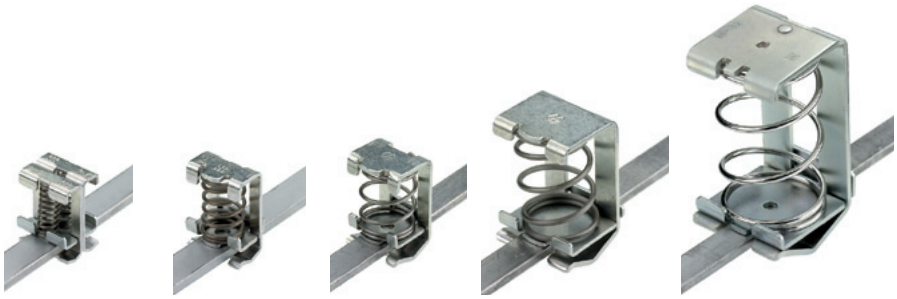
- Weidmüller offers a wide range of different fastenings for mounting shield connection terminals

## Shield connection terminals KLBÜ for 10 x 3 mm busbars

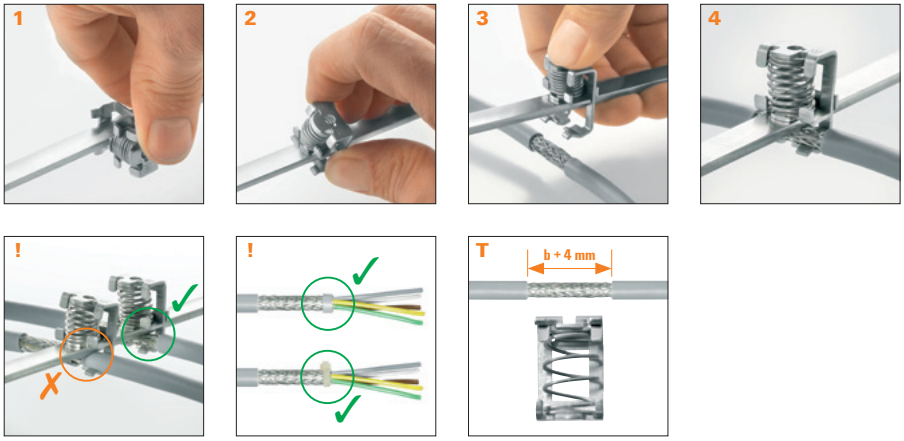
### Clamping yoke

Cable fastened against the busbar from the top

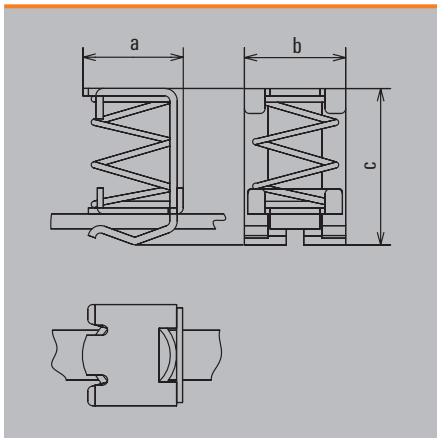




KLBÜ 2 x 2-6 | KLBÜ 3-8 | KLBÜ 4-13.5 | KLBÜ 10-20 | KLBÜ 15-32




### KLBÜ



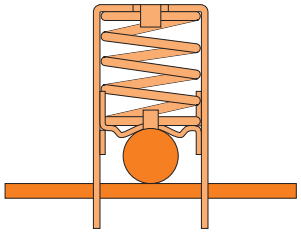

### Ordering data

| 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 |

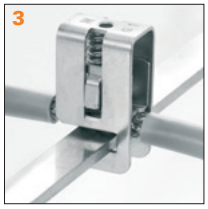
| 10 x 3 mm busbars | Length | Material | Qty. | Order No. |
|---|---|---|---|---|
| SSch 10 x 3 x 1000 Cu, Sn | 1000.0 mm | Cu, Sn | 1 | 0348900000 |

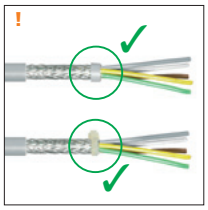
## Clamping yoke

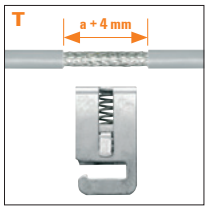
Cable fastened against the busbar from the top



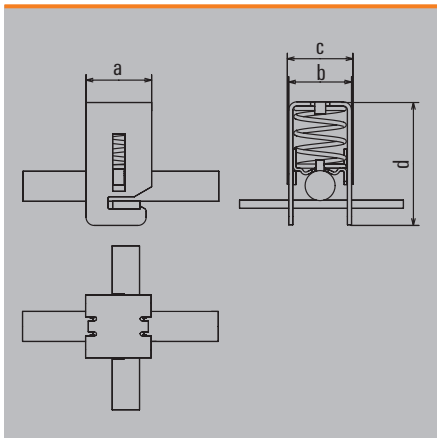
KLBÜ CO 1 KLBÜ CO 2 KLBÜ CO 3 KLBÜ CO 4 KLBÜ CO 5






## 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** |

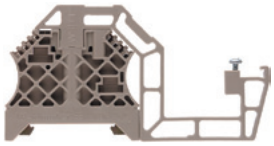
| 10 x 3 mm busbars | Length | Material | Qty. | Order No. |
|---|---|---|---|---|
| SSch 10 x 3 x 1000 Cu, Sn | 1000.0 mm | Cu, Sn | 1 | **0348900000** |

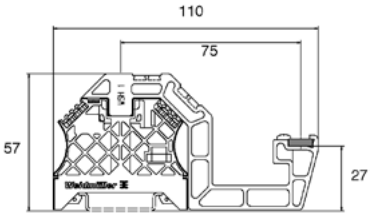
## Shield connection terminals KLBÜ for 10 x 3 mm busbars

### Busbar holders

Insulated mounting on TS 35

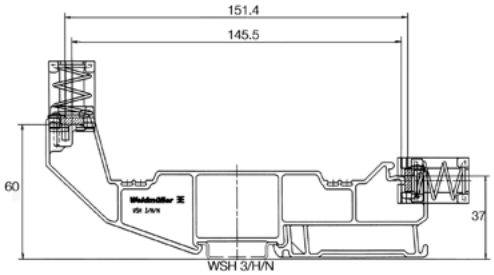
### Type WSH 1



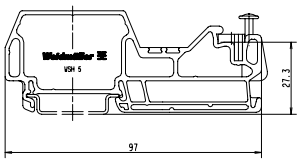



Horizontal mounting only

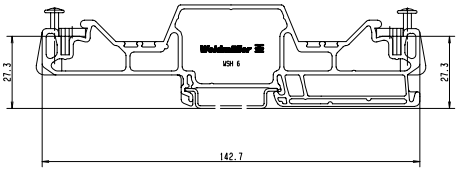
### Type WSH 3/H/N




### 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

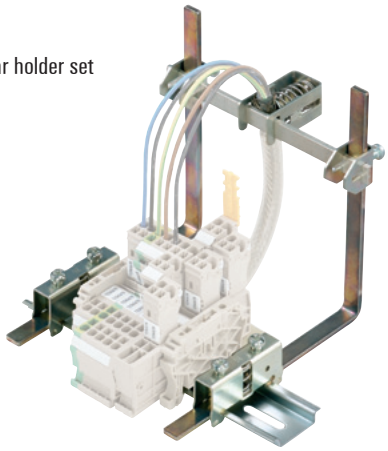
**TS 35-Clip**
BS 35/WSH 2

**Busbar connector**
BFEH 1/WSH

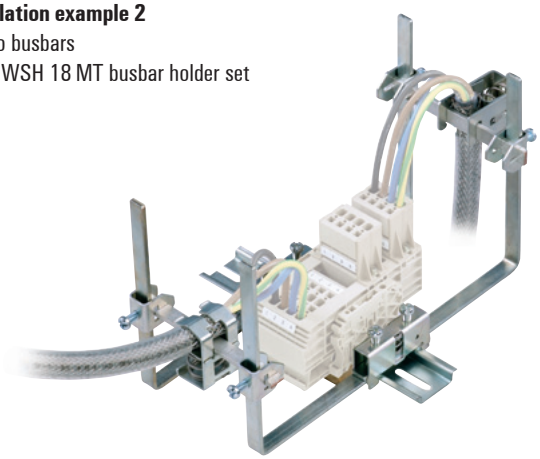
**Angled rail**
SMSE WSH U1MT

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 |

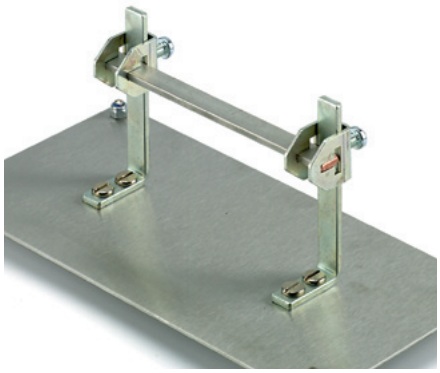
| Angled rail | Dimensions (L x B x H) mm | Qty. | Order No. |
|---|---|---|---|
| SMSE WSH U1MT | 134.0 x 10.0 x 134.0 | 10 | 1083900000 |
| SMSE WSH 135/60 MT | 60.0 x 10.0 x 60.0 | 10 | 1246990000 |

| Busbar holder sets | Contents (parts loose in plastic bag) | | | | |
|---|---|---|---|---|---|
| | BS 35/WSH 2 | BFEH 1/WSH | SMSE WSH U1MT | Qty. | Order No. |
| WSH 18 MT | 1 pcs. | 2 pcs. | 2 pcs. | 10 | 1083100000 |
| WSH 19 MT | 1 pcs. | 1 pcs. | 1 pcs. | 10 | 1083200000 |

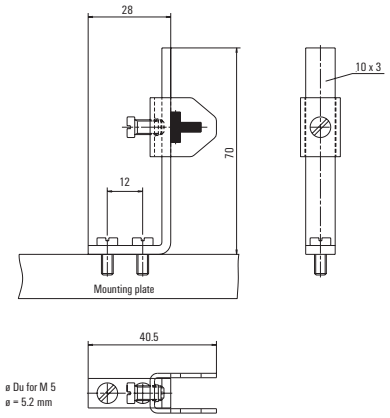
| 10 x 3 mm busbars | Länge | Material | Qty. | Order No. |
|---|---|---|---|---|
| SSch 10 x 3 x 1000 Cu, Sn | 1000.0 mm | Cu, Sn | 1 | 0348900000 |

## 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)

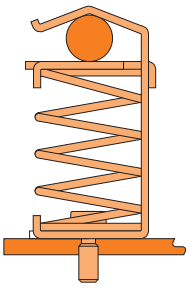
## WSH 4 MT / SP

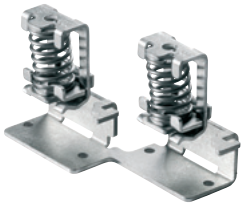
### Ordering data

| 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 |

## Clamping yoke





SCH-1-WB

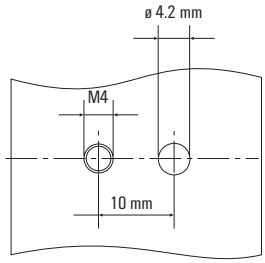
KLBÜ 3-8 SC

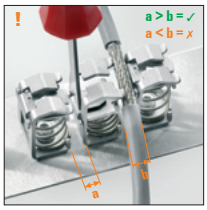
KLBÜ 4-13.5 SC

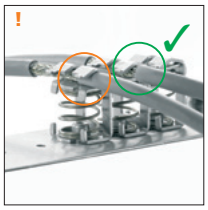
KLBÜ 10-20 SC

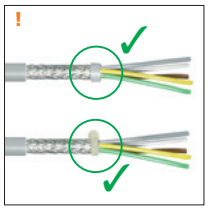
KLBÜ 15-32 SC

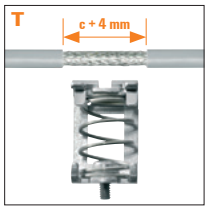
Drilling template KLBÜ 15-32 SC



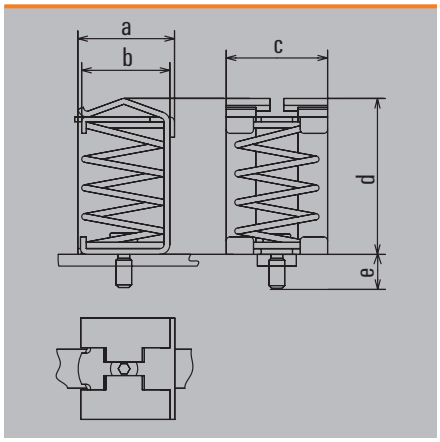



## KLBÜ SC



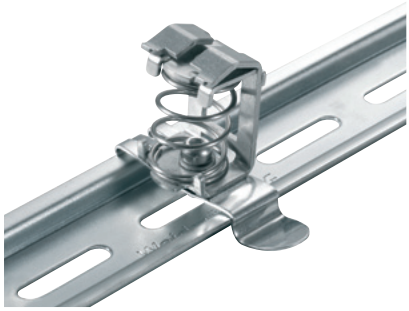

## Ordering data

| 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 |

## FM 4 foot / Clamping yoke holder

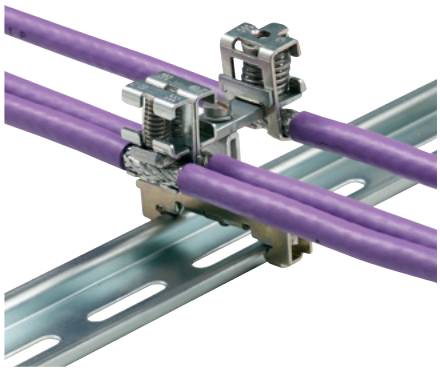
### FM 4 foot

The KLBÜ SC clamping yokes
(see page E.11)
are screwed onto the **FM 4** foot.



**KLBÜ 4-13.5 FM4**

### Clamping yoke holder

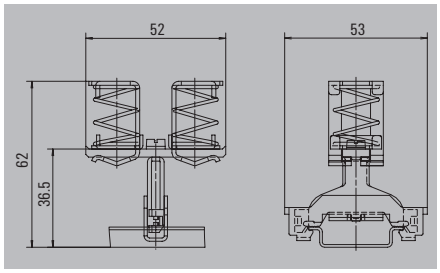


**BS 35 II (without KLBÜ)**

**BS 35 II / KLBÜ 3-8**

**BS 35 II / KLBÜ 3-8 / 2 x 2-6**

## FM 4 / BS 35 II



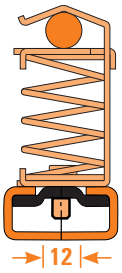

### Ordering data

| 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 | For cable diameter | Qty. | Order No. |
|---|---|---|---|
| BS 35 II | without KLBÜ | 10 | 1723800000 |
| BS 35 II / KLBÜ 3-8 | 3.0 ... 8.0 mm | 10 | 1723810000 |
| BS 35 II / KLBÜ 4-13.5 | 4.0 ... 13.5 mm | 10 | 1723820000 |
| BS 35 II / KLBÜ 3-8/2 x 2-6 | 3.0 ... 8.0 mm / 2.0 ... 6.0 mm | 10 | 1749430000 |
| BS 35 II / KLBÜ 2 x 3-8/2 x 2-6 | 3.0 ... 8.0 mm / 2.0 ...6.0 mm | 10 | 1768020000 |

## Clamping yoke

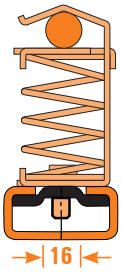


KLBÜ 3-8 CPF

KLBÜ 4-13.5 CPF

KLBÜ 10-20 CPF

KLBÜ 15-32 CPF

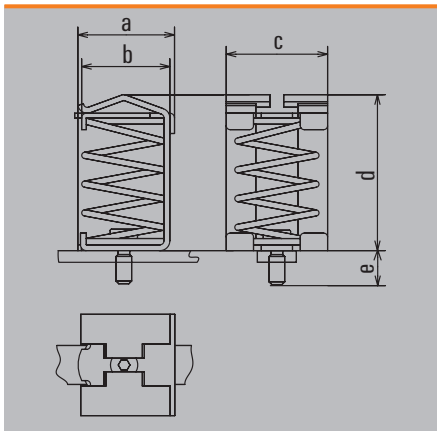


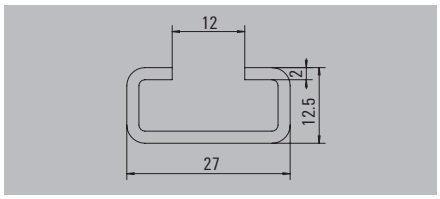
KLBUE 4-13.5 CPF16

KLBUE 10-20 CPF16

KLBUE 15-32 CPF16

## KLBÜ CPF




## Ordering data

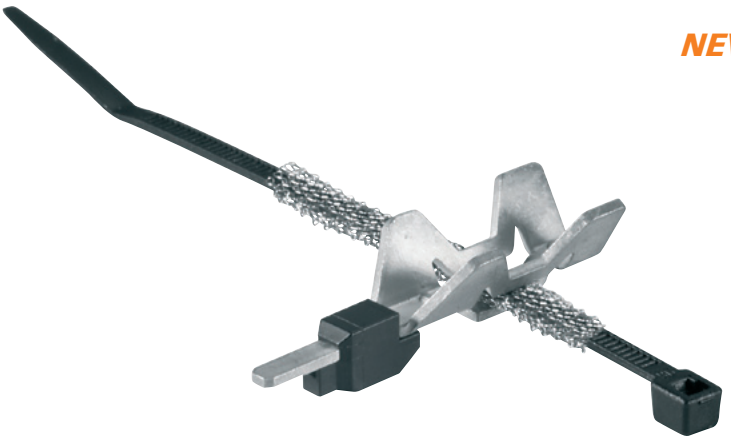
| Type for 12 mm profile | For cable diameter | Dimensions (a x b x c x d) mm | Qty. | Order No. |
|---|---|---|---|---|
| KLBÜ 3-8 CPF | 3.0 ... 8.0 mm | 13.5 x 11.5 x 18.0 x 26.0 | 10 | 1752681001 |
| KLBÜ 4-13.5 CPF | 4.0 ... 13.5 mm | 20.0 x 17.8 x 20.3 x 31.4 | 10 | 1752691001 |
| KLBÜ 10-20 CPF | 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 | 4.0 ... 13.5 mm | 20.0 x 17.8 x 20.3 x 31.4 | 10 | 1167850000 |
| KLBUE 10-20 CPF16 | 10.0 ... 20.0 mm | 24.8 x 23.0 x 26.0 x 40.0 | 10 | 1252550000 |
| KLBUE 15-32 CPF16 | 15.0 ... 32.0 mm | 36.0 x 33.3 x 32.0 x 64.0 | 10 | 1252540000 |

| C-rail | Qty. | Order No. |
|---|---|---|
| TS 27 x 12.5M / ST / F.ZN | 10 m | 1802690000 |

## Shield connection solutions for direct wiring

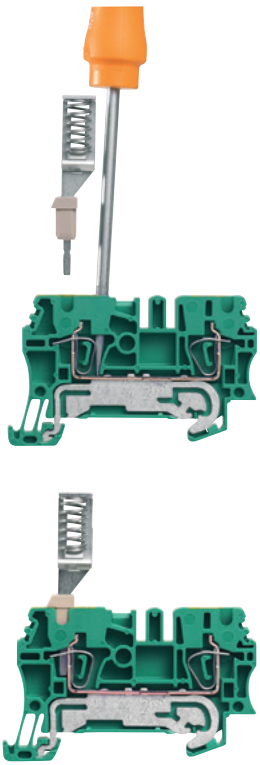
### Shielding solutions for direct connection

**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 |

**Note:** Suitable for 2.5 mm² Z-series

| | Qty. | Order No. |
|---|---|---|
| EMC-Set | 1 | 1067470000 |
| EMC-CONTACT | 1 | 1067520000 |
| EMC-TIE | 1 | 1067490000 |

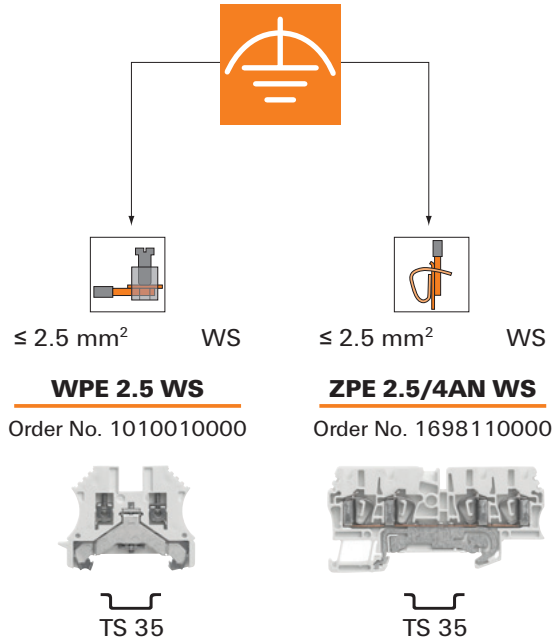
# Functional earth

## 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


| | | |
|---|---|---|
| **Accessories** | 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

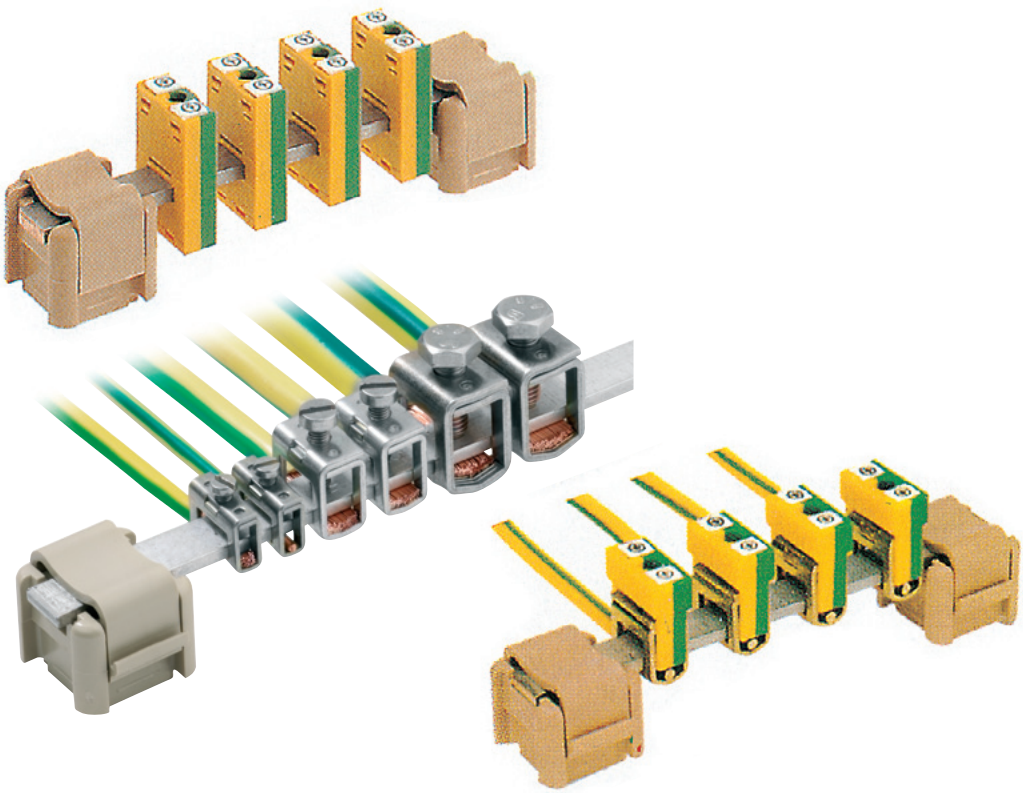
In switching facilities and controllers, the N conductor may need to be merged with the PE conductor at a central point. For this reason, busbars are available that allow a wide range of cables to be connected within a confined space (up to 70 wires on one metre of rail). The cables are connected via 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 predective 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.

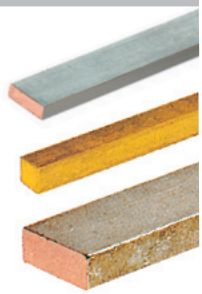
ZBE 6 can also be swivelled onto the busbar retrospectively.



**Cable clamps**



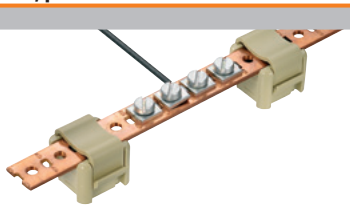
## Busbars, unperforated



### 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 |

## Busbars, perforated



### 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 |

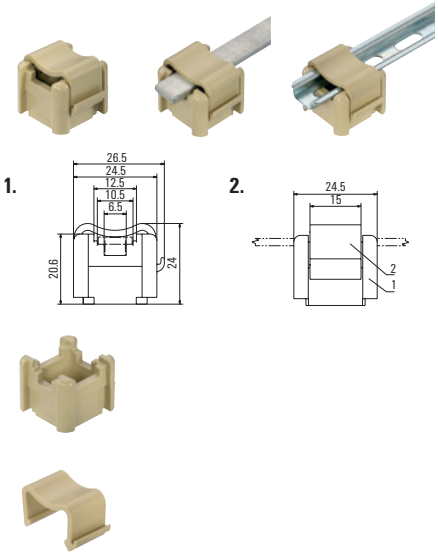
| Clamping screw | Qty. | Order No. |
|---|---|---|
| BFSC M5 x 8 | 100 | 0296700000 |

### Connection data NSch / ESch

| | |
|---|---|
| Screw connection solid | 0.5 ... 2.5 $mm^2$ |
| Stripping length | 9 mm |
| Cable lug connection | max. 16 $mm^2$ |
| Max. current per connection | 27 A |

## Busbar holders

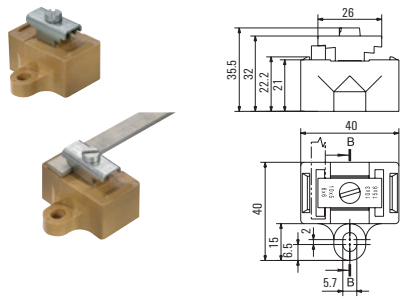
### With clip and base



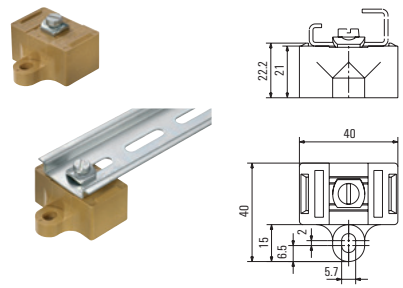

### SH

| Type | Figure | For busbar cross-section .... | Qty. | Order No. |
|---|---|---|---|---|
| SH 1 TS 15 complete | 1.<br>2. | 10 x 3, 6 x 6, 15 x 2, 12 x 2<br>15 x 2, 15 x 6 | 20 | 0299860000 |
| **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 |

### With metal bridge

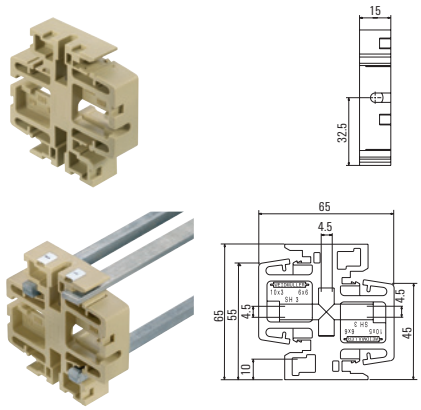



| Type | For busbar cross-section .... | Qty. | Order No. |
|---|---|---|---|
| SH 2S | 10 x 3, 6 x 6, 10 x 5, 15 x 6 | 10 | 0641720000 |



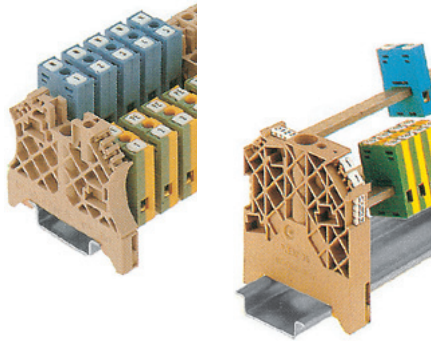

| Type | | Qty. | Order No. |
|---|---|---|---|
| SH 2 | The arrangement of mounting rails in totally insulated facilities | 10 | 0494920000 |

### With metal bridge




| Type | For busbar cross-section .... | Qty. | Order No. |
|---|---|---|---|
| SH 3 | 10 x 3, 6 x 6, 10 x 5 | 10 | 0556660000 |

## Busbar holders

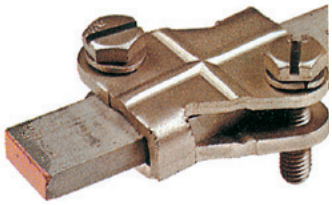


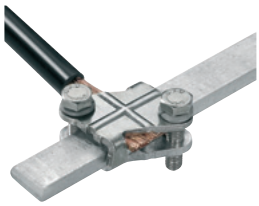
### WEW

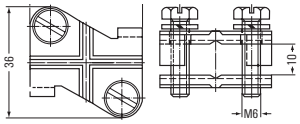
| Type | For busbar cross-section .... | Qty. | Order No. |
|---|---|---|---|
| WEW 35/1 | 10 x 3, 6 x 6 | 50 | 1059000000 |
| WEW 35/1 SW | 10 x 3, 6 x 6 | 100 | 1162600000 |
| WEW 35/1 GR | 10 x 3, 6 x 6 | 100 | 1227890000 |
| WEW 35/2 | 10 x 3, 6 x 6 | 100 | 1061200000 |
| WEW 35/2 SW | 10 x 3, 6 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





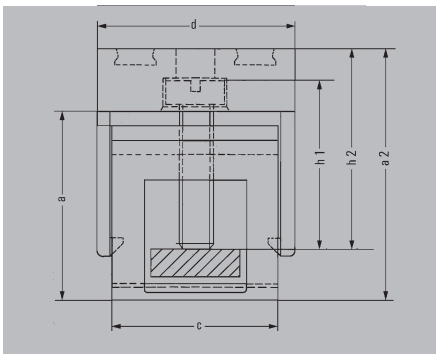



### AK 95

| 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 mm²
Flexible = 6...50 mm²
Stranded = 16...50 mm²

## Cable clamp, uninsulated




### Tightening torques for clamping screws according to IEC 60947-1

| Products with screw with slotted head | | |
|---|---|---|
| Thread | Tightening torque Steel screws min. 8.8 [Nm] | A 2/A 4-80 [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 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

**For retrofitting**

Connection cross-section:
Solid 1.0 ... 10 mm²
Flexible 1.5 ... 10 mm²
Stranded -
Clamping screw M 4
Stripping length 19 mm

**Also for 10 x 5 mm busbar**

Connection cross-section:
Solid 1.5 ... 10 mm²
Flexible 2.5 ... 10 mm²
Stranded -
Clamping screw M 4
Stripping length 19 mm

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 16 mm

Connection cross-section:
Solid -
Flexible 16 ... 35 mm²
Stranded 16 ... 50 mm²
Clamping screw M 6
Stripping length 19 mm

### ZB / ZBE

| Type | Colour | Dimensions [mm] a | Width | c | h1 | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| 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** |

### For 6 x 6 mm busbar

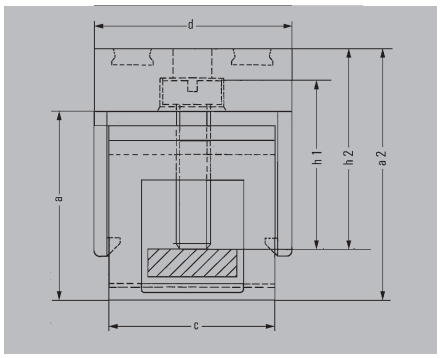
Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 12 mm

### ZB

| Type | Colour | Dimensions [mm] a | b | c | h1 | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| 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

### ZB / ZBE /ZF

Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

| Type | Colour | Dimensions [mm] a2 | Width | d | h2 | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| 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 |

**For retrofitting**

Connection cross-section:
Solid 1.0 ... 10 mm²
Flexible 1.5 ... 10 mm²
Stranded -
Clamping screw M 4
Stripping length 19 mm

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

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 16 mm

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

Connection cross-section:
Solid -
Flexible 16 ... 35 mm²
Stranded 16 ... 50 mm²
Clamping screw M 6
Stripping length 19 mm

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

**Tension clamp connection**

Connection cross-section:
Solid 0.5 ... 4.0 mm²
Flexible 0.5 ... 2.5 mm²
Stranded -
Stripping length 10 mm

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

### For 6 x 6 mm busbar

### ZB

Connection cross-section:
Solid 0.5 ... 6.0 mm²
Flexible 0.5 ... 4.0 mm²
Stranded -
Clamping screw M 3
Stripping length 16 mm

| Type | Colour | Dimensions [mm] a2 | b | d | h2 | Qty. | Order No. |
|---|---|---|---|---|---|---|---|
| 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 |

Connection cross-section:
Solid 2.5 ... 16 mm²
Flexible 2.5 ... 16 mm²
Stranded 16 ... 25 mm²
Clamping screw M 4
Stripping length 12 mm

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ZB 16/6K GN/GE | green/yellow | 26.0 | 9.7 | 25.0 | 20.0 | 50 | 0569660000 |

F

# 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.



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 $mm^2$, 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.

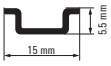
**Plastic**

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**

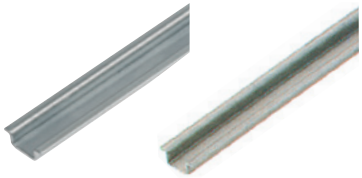
The steel rail is the most widely used DIN rail on the market. Among metal DIN rails, it has the lowest short-circuit resistance, similar to stainless steel.

## TS15 terminal rail



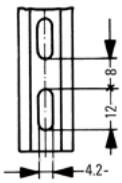

### TS 15 x 5

**Unperforated**



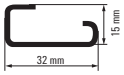
| Aluminium | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| TS 15x5 2M/AL/BK | 16 mm² | 1 mm | 2 m | 10 m | 0134700000 |
| max. permissible rated current for PEN function = 76 A) | | | | | |
| **Steel, galvanised and passivated** | | | | | |
| TS 15x5 2M/ST/ZN | 10 mm² | 1 mm | 2 m | 2 m | 0514200000 |

**With slotted hole**



| Steel, galvanised and passivated | | | | | |
|---|---|---|---|---|---|
| TS 15x5/LL 2M/ST/ZN | 10 mm² | 1 mm | 2 m | 2 m | 0117500000 |
| TS 15x5/LL 1M/ST/ZN | 10 mm² | 1 mm | 1 m | 10 m | 0117510000 |

## TS 32 terminal rail

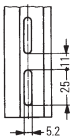



### TS 32 x 15

**Unperforated**

| Aluminium | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| TS 32X15 2M/AL/BK | 70 mm² | 1.5 mm | 2 m | 2 m | 0169300000 |
| (max. permissible rated current for PEN function = 192 A) | | | | | |
| **Steel, galvanised and passivated** | | | | | |
| TS 32X15 2M/ST/ZN | 35 mm² | 1.5 mm | 2 m | 2 m | 0122800000 |
| **Stainless steel** | | | | | |
| TS 32X15 2M/CRN | 35 mm² | 1.5 mm | 2 m | 2 m | 0293220000 |

**With slotted hole**



| Steel, galvanised and passivated | Short-circuit strength 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 |

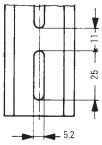
## TS 35 x 7.5 terminal rail

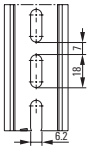
### TS 35 x 7.5

**Unperforated**

| Aluminium | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| TS 35X7.5 2M/AL/BK | 35 mm² | 1 mm | 2 m | 2 m | 0330800000 |
| (max. permissible rated current for PEN function = 125 A) | | | | | |
| **Steel, galvanised and passivated** | | | | | |
| TS 35X7.5 2M/ST/ZN | 16 mm² | 1 mm | 2 m | 2 m | 0383400000 |
| TS 35X7.5 1M/ST/ZN | 16 mm² | 1 mm | 1 m | 10 m | 0383410000 |
| **Stainless steel** | | | | | |
| TS 35X7.5 2M/CRN | 16 mm² | 1 mm | 2 m | 2 m | 1747350000 |

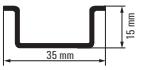
**With slotted hole**




| 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 mm² | 1 mm | 2 m | 2 m | 0514500000 |
| TS 35X7.5/LL 1M/ST/ZN | 16 mm² | 1 mm | 1 m | 10 m | 0514510000 |
| TS 35X7.5/LL/6 2M/ST/ZN | 16 mm² | 1 mm | 2 m | 2 m | 0514570000 |

## TS 35 x 15 terminal rail

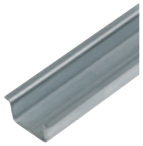



### TS 35 x 15

**Unperforated**

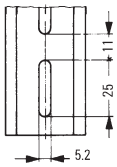
| Copper | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| TS 35X15/2.3 2M/CU/BK | 150 mm² | 2.3 mm | 2 m | 2 m | 0270100000 |
| (max. permissible rated current for PEN function = 309 A) | | | | | |
| **Steel, galvanised and passivated** | | | | | |
| TS 35X15/2.3 2M/ST/ZN | 50 mm² | 2.3 mm | 2 m | 2 m | 0498000000 |
| **Aluminium** | | | | | |
| TS 35X15/2.3 2M/AL/BK | 70 mm² | 2.3 mm | 2 m | 2 m | 1848290000 |
| (max. permissible rated current for PEN function = 192 A) | | | | | |

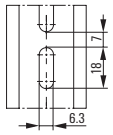
**Unperforated**

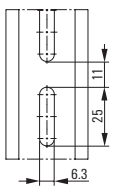


| Steel, galvanised and passivated | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| TS 35X15 2M/ST/ZN | 25 mm² | 1.5 mm | 2 m | 2 m | 0236400000 |

**With slotted hole**

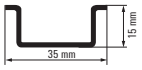



| Steel, galvanised and passivated | Short-circuit strength corresponds to E-Cu wire | Material thickness | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| TS 35X15/LL 2M/ST/ZN | 25 mm² | 1.5 mm | 2 m | 2 m | 0236500000 |
| TS 35X15/LL 1M/ST/ZN | 25 mm² | 1.5 mm | 1 m | 10 m | 0236510000 |
| TS 35X15/LL/6x18 2M/ST/ZN | 25 mm² | 1.5 mm | 2 m | 2 m | 1805980000 |
| TS 35X15/LL/6x25 2M/ST/ZN | 25 mm² | 1.5 mm | 2 m | 2 m | 1866290000 |

## TS 35 x 15 terminal rail




**Unperforated**

### 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

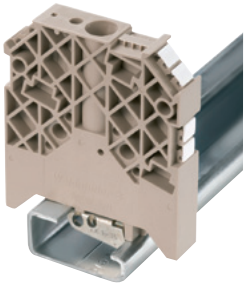
| Polyamide 66, screw-in | Colour | Torque | Qty. | Order No. |
|---|---|---|---|---|
| EW 15 | beige | 0.4 Nm | 50 | 0382860000 |
| **Polyamide with fibreglass, screw-in** | | | | |
| EW 15/2 | dark beige | 0.4 Nm | 50 | 1071900000 |
| **Polyamide 66, screwless** | | | | |
| ZEW 15 | beige | | 20 | 7920340000 |

## For TS 32 terminal rail

EWK 1

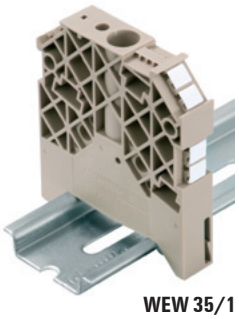
EWK 2

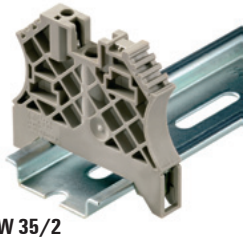
MEW 1/32

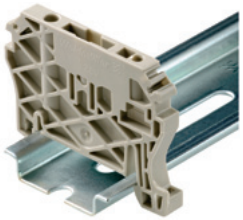

WEW 32/1

| 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** | | | | |
| WEW 32/1 | dark beige | 0.5 Nm | 50 | 1067600000 |
| **Metal, screw-in** | | | | |
| MEW 1/32 | silver | 2 Nm | 20 | 0445600000 |

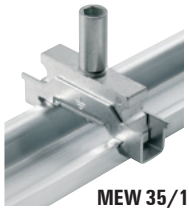
## For TS 35 terminal rail


WEW 35/1


WEW 35/2


ZEW 35/2

EW 35


MEW 35/1

| 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** | | | | |
| 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** | | | | |
| 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** | | | | |
| MEW 35/1 | silver | 5.5 Nm | 10 | 1805610000 |

## Terminal rail supports

TSTW 5/M5

TSTW 5/M5 galvanised

TSTW 6/M6

| | 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

| | | | |
|---|---|---|---|
| TST 2/M5 | M5 | 10 | 1286600000 |
| TST 2/M6 | M6 | 10 | 0101700000 |

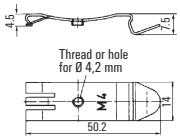
The **TST** terminal rail support is used for assembly of terminal rails in a frame or over a cut-out

| 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

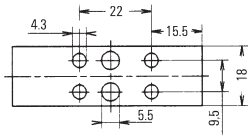
**FM 4**



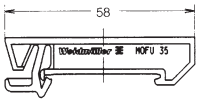

**FM 5, FM 6 and FM 4.2: similar to illustrations**

| 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 |

**MOFU 35/LO/1**

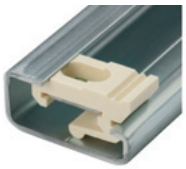


**MOFU 35**

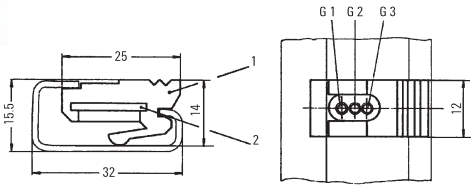



| Mounting foot, PA orange for TS 35 | | | |
|---|---|---|---|
| MOFU 35/LO/1 | with holes | 20 | 0646260000 |
| MOFU 35 | | 20 | 0495660000 |
| MOFU 35/LO/1 | black | 20 | 0646210000 |





**MB**




| Sliding nut for TS 32 | | Colour | | |
|---|---|---|---|---|
| MB M3/M5 | M3 and M5 | creme | 20 | 0503500000 |
| MB M5/M3 | M5 and M3 | black | 20 | 0553400000 |
| MB M6/M4 | M6 and M4 | grey | 20 | 0334900000 |

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.

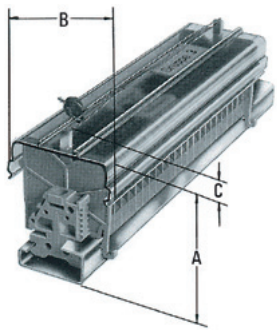
Several German safety regulations, e.g. VBG 4 and VDE 0106 part 100, call for the active parts of electrical equipment to be protected against direct contact.

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.

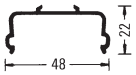
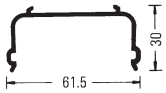
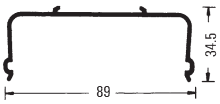
The cover strips are transparent so that terminals with accessories and markings can be identified at any time. Additional markings, e.g. groups, can be attached to the cover strips.




## ADP

**Cover strips**

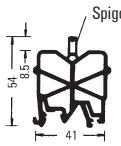
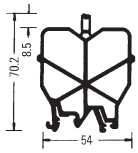
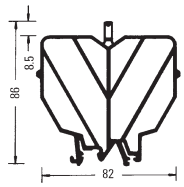
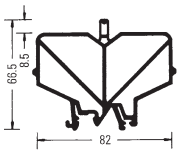
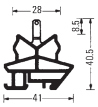
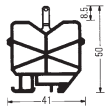
Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70 °C

| transparent | | |
|---|---|---|
| **Type** | | **Order No.** |
| ADP 1 |   | **0485200000** |
| ADP 2 |   | **0485300000** |
| ADP 3 |   | **0485400000** |
| ADP 4 (1000 mm) | | **1430760000** |
| **grey** | | |
| **Type** | | **Order No.** |
| ADP 4 (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.



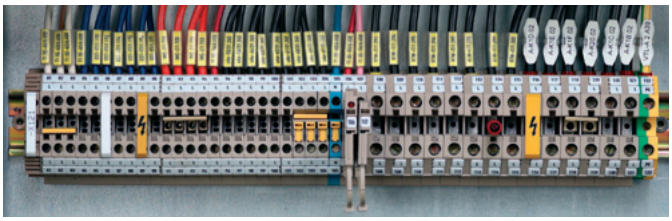
Whole blocks of terminals can be marked as a strip using the Weidmüller system. When a terminal with a larger pitch has to be marked (e.g. WDU 16), a smaller marker (e.g. WS 12/5) can be clipped onto it. Most of the markers are compatible with each other.

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.

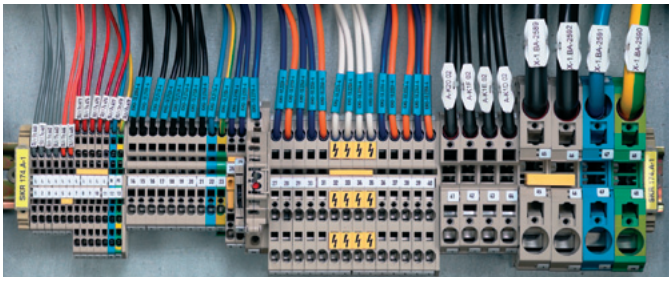
MultiCards can be printed on with the innovative PrintJet, Smark Laser, Plotter MCP Plus or MC-Mobilo printing systems, using M-Print PRO® software.

To see a small selection of the Weidmüller markers, order our bag of samples, order No. **1646670000**.

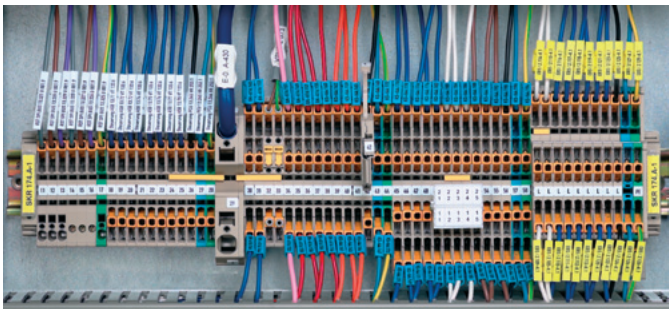
**W series**



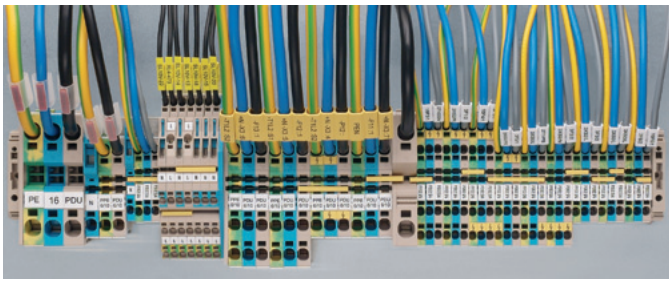
**Z series**



**I series**



**P series**



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.

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/ WAD 5 | WGB 8/ WAD 8 | WAD 12 | WAD 27 | ZGB 15/ 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| DLA 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[2)] | 10/5 | - | - | - | - | - | - | - | - | x | - | - | - | - |
| IDK 1.5N | **5** | 5 | 10/5[2)] | 10/5 | - | x[3)] | - | - | - | - | - | - | - | - | - | - | - |
| IDK 1.5N/V | **5** | 5 | 10/5[2)] | 10/5 | - | - | - | - | - | - | - | - | x | - | - | - | - |
| IDU 1.5 N ... | **5** | 5 | 10/5[2)] | 10/5 | - | - | - | - | - | - | - | - | x | - | - | - | - |
| IEK 1.5N... | **5** | 5 | 10/5[2)] | 10/5 | - | - | - | - | - | - | - | - | x | - | - | - | - |
| IIK 1.5N... | **5** | 5 | 10/5[2)] | 10/5 | - | - | - | - | - | - | - | - | x | - | - | - | - |
| IPE 1.5N... | **5** | 5 | 10/5[2)] | 10/5 | - | - | - | - | - | - | - | - | x | - | - | - | - |
| ITR 1.5N... | **5** | 5 | 10/5[2)] | 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

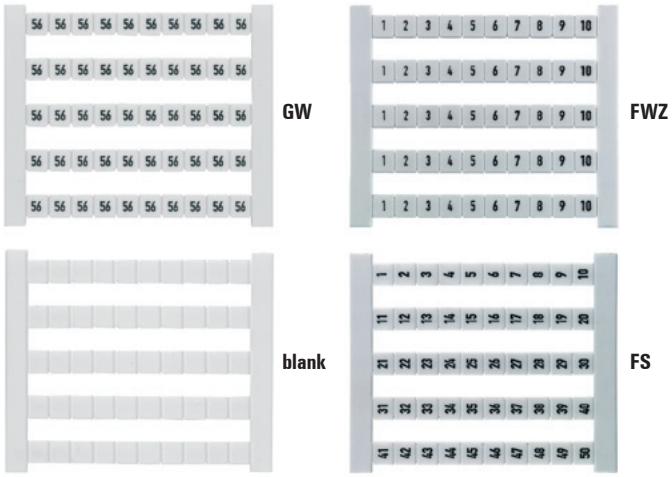
| Designation | Terminal width | DEK | WS | ZS | SchT 7 | SchT 9/4 | SchT 14/6 | WTS 3/4 | WGB 5/ WAD 5 | WGB 8/ WAD 8 | WAD 12 | WAD 27 | ZGB 15/ ZGB 30 | BZT 1 | BZT 2 | EM 8/30 | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WDK 1.5/R 3.5... | **3.5** | 3.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 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/5.08 | **5.08** | 5 | 12/5 | - | x | x | x | x | - | - | - | - | 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 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/ WAD 5 | WGB 8/ WAD 8 | WAD 12 | WAD 27 | ZGB 15/ ZGB 30 | BZT 1 | BZT 2 | EM 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 | - | - | - | - |
| ZDLD 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 | - | - | - | - | - | - | - | - | - | - | - | - | - |

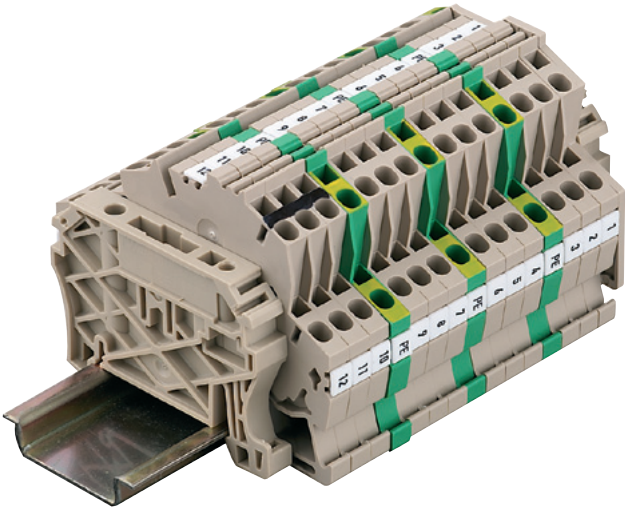
# DEK card with printing

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<br>● brown ● red ● orange<br>● yellow ● green ● blue<br>● 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 |
| **No. of characters** | **horizontal** | **vertical** |
| 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 |

## 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

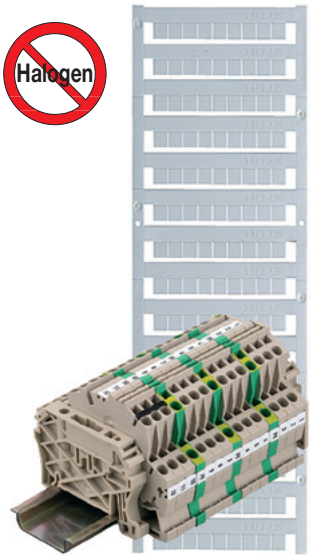
| Type/Print | Order No. |
|---|---|
| DEK 6 GW 95 | 0526960095 |
| DEK 6 GW 96 | 0526960096 |
| DEK 6 GW 97 | 0526960097 |
| DEK 6 GW 98 | 0526960098 |
| DEK 6 GW 99 | 0526960099 |
| DEK 6 GW 100 | 0526960100 |
| DEK 6 GW BL/SW - | 1318091741 |
| DEK 6 GW PE | 1318061187 |
| DEK 6 GW RT/SW + | 1318091737 |
| 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 TAMPOP. | 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 TAMPOP. | 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. WEIß | 1326660000 |
| DEK 8 VI NEUTRAL | 1277091689 |

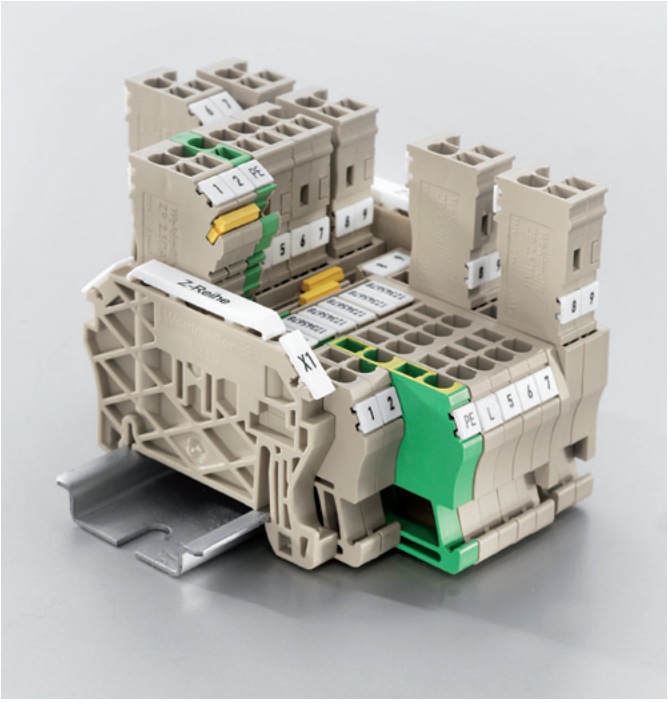
# DEK MultiCard

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





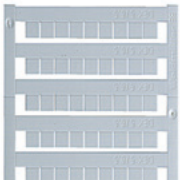

## Technical data

| | |
|---|---|
| Material | Polyamide 66, halogen-free |
| UL94 flammability rating | V2 |
| Temperature range | -40 °C to 100 °C |
| Printing | black |

## Ordering data

| | |
|---|---|
| Colourn | Available in all colours of the international colour code; for MC on request<br>● brown ● red ● orange<br>● yellow ● green ● blue<br>● 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 | 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. |
| | 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. |

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.



## Ordering data

### Clamping width: 3.5 mm

**DEK - blank**

| 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 | NEW | 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 | NEW | 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 | NEW | white | 5 mm | 800 | 1046350000 |

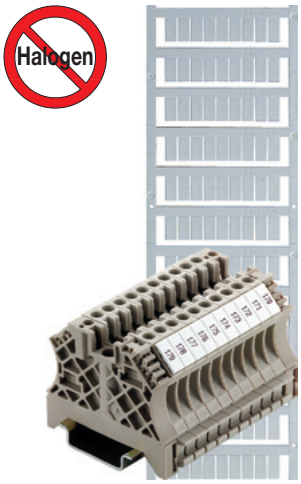
**DEK - Custom printing**

| 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 | NEW | 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

| | |
|---|---|
| Colourn | Available in all colours of the international colour code; for MC on request<br>● brown ● red ● orange<br>● yellow ● green ● blue<br>● 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 | 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. |
| | 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. |

# 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

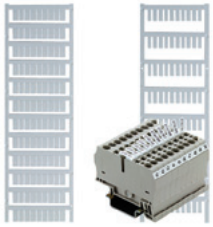
| | |
|---|---|
| Material | Polyamide 66, halogen-free |
| UL94 flammability rating | V2 |
| Temperature range | -40 °C to 100 °C |
| Printing | black |

## 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

#### Ordering data

**WS - blank**

| 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 | NEW | 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**

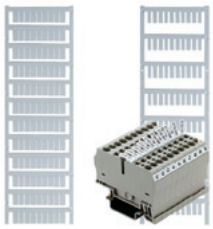
| Type | | Material colour | Length | Qty. | Order No. |
|---|---|---|---|---|---|
| WS 8/5 MC | | white | 8 mm | 144 | 1640750000 |
| WS 8/5 MC PLUS | | white | 8 mm | 120 | 1038790000 |
| WS 10/5 MC | | white | 10 mm | 144 | 1635010000 |
| WS 10/5 MC Middle | | white | 10 mm | 144 | 1792010000 |
| WS 10/5 PLUS MC | NEW | 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 | NEW | 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.



## Ordering data

### WS - Custom printing

| 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 NEW | 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 |

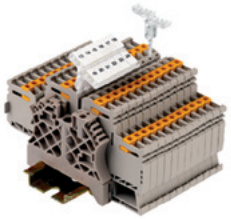
### Clamping width: 6.0 mm

#### 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 |



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.

## Snap Mark

**Technical data**

| | |
|---|---|
| Material | Polyamide 66 |
| UL94 flammability rating | V2 |
| Min. temperature, continuous | -40 °C |
| Max. temperature, continuous | 100 °C |
| Material colour | white |

### Ordering data

| Type | Length | Width | Qty. | Order No. |
|---|---|---|---|---|
| Snap Mark I | 23 mm | 5 mm | 50 | 1805880000 |

### Accessories

| 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 |

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.

## BZT1 / BZT2

**Technical data**

| | |
|---|---|
| Material | Polyamide |
| UL94 flammability rating | V2 |
| Min. temperature, continuous | -40 °C |
| Max. temperature, continuous | 100 °C |
| Material colour | beige |

### 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 |

### Accessories

| Type | Length | Width | Qty. | Order No. |
|---|---|---|---|---|
| WS 10/5 MC | 10 mm | 5 mm | 20 | 1635000000 |

The SCHT 5 & SCHT 5 S group marker carrier is clipped directly to the TS 32 DIN rail (G-rail) or the TS 35 DIN rail (top-hat rail). It is therefore possible to provide terminal strip labelling irrespective of the terminal and the type of terminal.

## 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 |

### 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 |

### Accessories

| 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 |

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.

## SCHT 7

**Technical data**

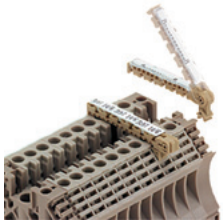
| | |
|---|---|
| Material | Polyamid 66 |
| UL94 flammability rating | V2 |
| Min. temperature, continuous | -40 °C |
| Max. temperature, continuous | 100 °C |
| Material colour | white |

### Ordering data

| Type | Length | Width | Qty. | Order No. |
|---|---|---|---|---|
| SCHT 7 | 39.3 mm | 8 mm | 20 | 0517960000 |

### Accessories

| 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 |



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.

## 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 |

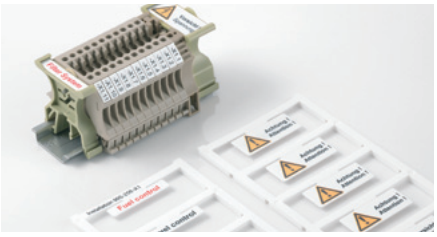
### Ordering data

| 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 |

### Accessories

| 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 |





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.

## 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) |

### 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 |

The EM 8/30 end bracket marker is suitable for labelling the WEW 35/2 and ZEW 35/2 end brackets as well as marker carrier for W-series terminals. The EM 8/30 can be fitted with the ESO 7 and ESO 7P inlay tags. The pocket guarantees that the labelling is well protected against environmental influences.

## EM 8/30

**Technical data**

| | |
|---|---|
| Material | Polypropylene |
| UL94 flammability rating | HB |
| Min. temperature, continuous | -40 °C |
| Max. temperature, continuous | 80 °C |
| Material colour | transparent |

### Ordering data

| Type | Length | Width | Qty. | Order No. |
|---|---|---|---|---|
| EM 8/30 | 30 mm | 8 mm | 50 | 1806120000 |

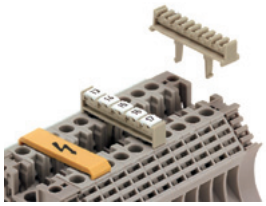
## Accessories

**Technical data**

| | |
|---|---|
| ESO...P | = Polyester |
| ESO | = Paper |

| 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 |

F



WGB group marker carrier for single dekafix and WS tags. The WGB also covers the cross-connection channels.
Blank WAD covers for labelling with PrintJet, or a special printing for the W-series. Cross-connection channels are covered.
Also available with lightning flash warning symbol to DIN 30600.

## 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 |

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 |

## Ordering data

| Type | Length | Width | Qty. | Order No. |
|---|---|---|---|---|
| ZGB 15 | 15 mm | 7 mm | 20 | **1636530000** |
| ZGB 30 | 32 mm | 7 mm | 20 | **1611930000** |

## Accessories

| 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 SCHT 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** |
| **Technical data** | | | | | | | |
| 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 | ● | | | | ● | ● | ● |
| **Terminal markers** | | | | | | | |
| DEK/WS/ZS/MF | ● | ● | ● | ● | | | |
| ELS | ● | ● | ● | ● | | | |
| WAD | ● | | | | | | |
| **Cable and wire markers** | | | | | | | |
| SF/SFX/SFC | ● | ● | ● | ● | | | |
| TM-I | ● | ● | ● | ● | | | |
| ELS | ● | ● | ● | ● | | | |
| **Device markers** | | | | | | | |
| DMC | ● | ● | ● | ● | | | |
| ESG | ● | ● | ● | ● | | | |
| SM/CC | ● | ● | ● | ● | | | |
| **Labels** | | | | | | | |
| THM MT | | | | | | ● | ● |
| THM WriteOn | | | | | | ● | ● |
| THM GEW | | | | | | ● | ● |
| THM EL | | | | | | | ● |
| THM ET S7 | | | | | | ● | ● |
| **Shrink sleeves** | | | | | | | |
| 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

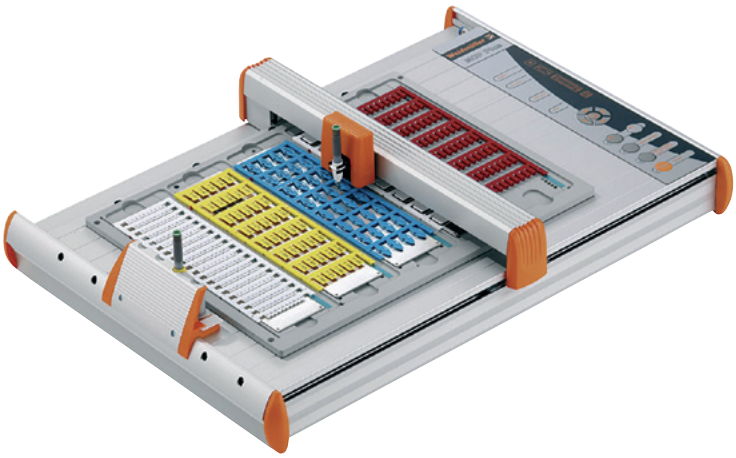
PrintJet PRO

| Type | | Order No. |
|---|---|---|
| PrintJet PRO 115V | | 1024050000 |
| PrintJet PRO 230V | | 1001180001 |
| **Accessories** | | |
| PJ PRO TNTK INK SET COL | Ink tank starter set, colour | 1027110000 |
| PJ PRO TNTK INK K | ● Ink tank Black | 1027040000 |
| PJ PRO TNTK INK C | ● Ink tank Cyan | 1027050000 |
| PJ PRO TNTK INK M | ● Ink tank Magenta | 1027060000 |
| PJ PRO TNTK INK Y | ● Ink tank Yellow | 1027070000 |
| PJ PRO TNAW | waste pad | 1024140000 |
| | | |
| 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 Weimüller 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

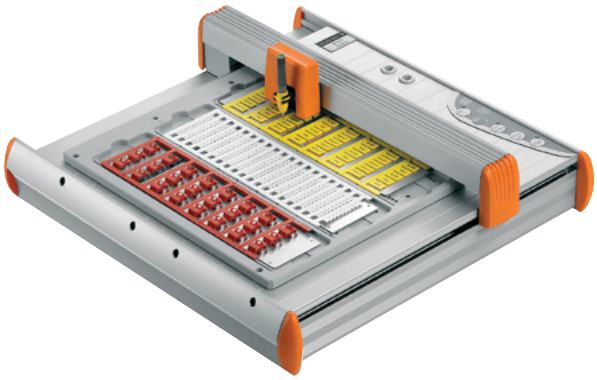
MCP Plus

| Type | Order No. |
|---|---|
| MCP Plus plotter set | 1925000000 |

## 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

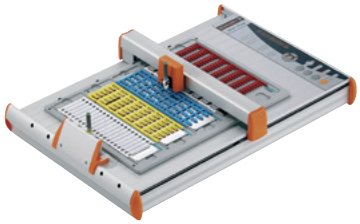
| | |
|---|---|
| Type | MCP Basic |
| Application | Printing MultiCard markers and labels |
| Technology | plotting technique |
| Plotting speed | max. 40 mm/s |
| System requirements | Windows® 2000/XP/VISTA/7 |
| Software | M-Print® PRO |
| Interfaces | USB |
| Voltage supply | 100~240 V AC, 50-60 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 | Not for CLI T sleeves | 1 | 1920640000 |
| Plotter Pen 0.35 | Reusable pen | | 1 | 1768550000 |
| Plotter Pen 0.35 P-Ink | Disposable pen 8 ml | Not for CLI T sleeves | 1 | 1920650000 |
| Plotter Pen 0.50 | Reusable pen | | 1 | 1768560000 |
| Plotter Pen 0.50 P-Ink | Disposable pen 8 ml | Not for CLI T sleeves | 1 | 1005710000 |
| Plotter Pen 0.70 | Reusable pen | | 1 | 1011440000 |
| Plotter Pen 0.70 P-Ink | Disposable pen 8 ml | Not for CLI T sleeves | 1 | 1011450000 |

### MCP ink

| Type | Contents | | Qty. | Order No. |
|---|---|---|---|---|
| P- Ink | 30 ml | Not for CLI T sleeves | 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 |

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.

### Accessories – STI pen

**Ordering data**

| Type | | Qty. | Order No. |
|---|---|---|---|
| Adapter aluminium STI pen | | 1 | 1762440000 |
| STI pen SW | Not for CLI T sleeves | 10 | 0508401694 |

## 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 |

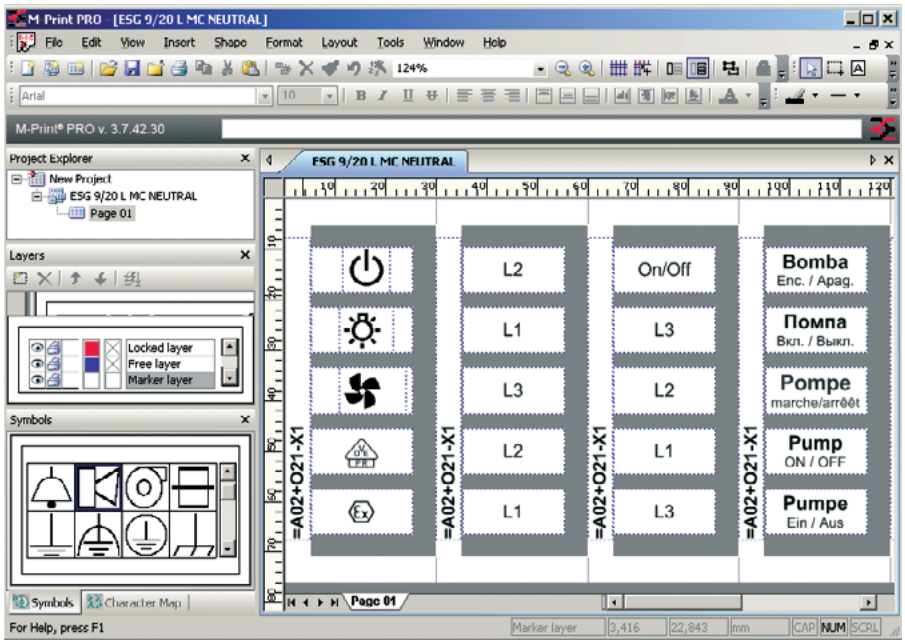
## Ordering data

MC-Mobilo

| MC-Mobilo | | Qty. | Order No. |
|---|---|---|---|
| MC-Mobilo 110/220 V | | 1 | 1741260001 |
| **MC-Mobilo Accessories** | | | |
| Printkit (Ink 2000, Clean 2000, Plotter-Pen 0.25) | | 1 | 1686920000 |
| Frame inlay SF 4-6 | | 1 | 1802180000 |
| Inlay SFC 3 | | 1 | 1058090000 |
| **Accessories Plotter IP220/MC-Mobilo** | | | |
| P-Ink 30 ml | Not suitable for CLI-T sleeves | 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 | Not suitable for CLI-T sleeves | 1 | 1920640000 |
| Plotter Pen 0.35 | | 1 | 1768550000 |
| Plotter Pen 0.35 P-Ink | Not suitable for CLI-T sleeves | 1 | 1920650000 |
| Plotter Pen 0.50 | | 1 | 1768560000 |
| Plotter Pen 0.50 P-Ink | Not suitable for CLI-T sleeves | 1 | 1005710000 |
| Plotter Pen 0.70 | | 1 | 1011440000 |
| Plotter Pen 0.70 P-Ink | Not suitable for CLI-T sleeves | 1 | 1011450000 |
| **Accessories – STI pen** | | | |
| Adapter aluminium STI pen | | 1 | 1762440000 |
| STI pen SW | Not suitable for CLI-T sleeves | 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 PIII 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 |

## 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**

**KT 12**

**KT 22**

| | KT 8 | KT 12 | KT 22 |
|---|---|---|---|
| ⌀ | max. 8 mm | max. 12 mm | max. 22 mm |
| ● | max. 16 mm² | max. 16 mm² | max. 25 mm² |
| ⊛ | max. 16 mm² | max. 25 mm² | max. 50 mm² |
| ⊛ | max. 16 mm² | max. 35 mm² | max. 95 mm² |

## Technical data

| Max. cutting performance, copper cable | | KT8 | KT12 | KT22 |
|---|---|---|---|---|
| Solid (max. conductor cross-section) | mm²/AWG | 16 / 6 | 16 / 6 | 25 / 3 |
| Stranded (max. conductor cross-section) | mm²/AWG | 16 / 6 | 25 / 3 | 50 / 1 |
| Flexible (max. conductor cross-section) | mm²/AWG | 16 / 6 | 35 / 2 | 95 / 3/0 |
| Flexible, stranded (max. conductor diameter) | mm | 8 | 12 | 22 |
| **Max. cutting performance, aluminium cable** | | | | |
| Stranded (max. conductor cross-section) | mm²/- | 16 / 6 | 25 / 6 | 70 / 2/0 |
| Stranded (max. conductor diameter) | mm | 8 | 8 | 22 |
| solid | mm² | 16 | 25 | 50 |
| **Data / telephone / control cable** | | | | |
| Max. outer diameter | mm | 8 | 12 | 22 |
| **Tool data** | | | | |
| Length / Width / Height | mm | 165 / 65 / 25 | 215 / 66 / 28 | 220 / 66 / 30 |
| Weight | g | 180 | 300 | 460 |
| **Note** | | Tool closed | | Tool closed |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | KT 8 | 1 | 9002650000 | KT 22 | 1 | 1157830000 |
| | KT 12 | 1 | 9002660000 | | | |
| **Note** | | | | | | |

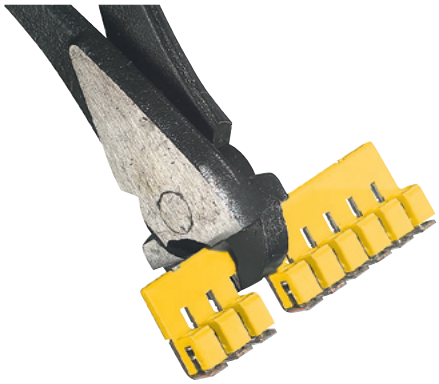
## Cutting and releasing tools

Special release tools for the Weidmüller W-Series terminal connectors.

### WAW 1

**Notching tool**

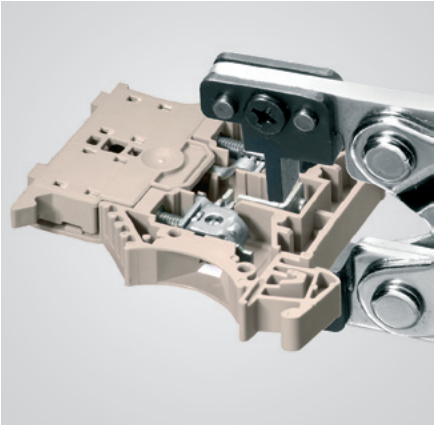
Tool for releasing poles from WQV 2.5 to WQV 35 cross connections used in Weidmüller W-Series terminal connectors.



### 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

| | | WAW 1 | WAW 2 |
|---|---|---|---|
| Length | mm | 167 | 205 |
| Weight | g | 227 | 338 |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | WAW 1 NEUTRAL | 1 | 9004500000 | WAW 2 | 1 | 9004510000 |
| **Note** | | | | | | |

## Cutting and releasing tools

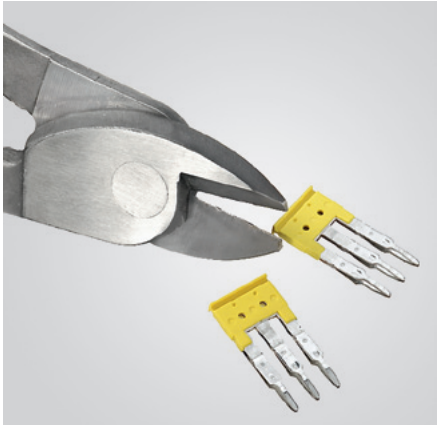
Special cutting tool for clean pinch-free cutting of Weidmüller Z-Series cross-connections

### KT ZQV

**Cutting tool**

Cutting tool for clean cutting of Weidmüller ZQV Series cross-connections





## Technical data

| | | KT ZQV |
|---|---|---|
| Length / Width / Height | mm | 215 |
| Weight | g | 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

| | | TSLD | VKSW |
|---|---|---|---|
| Width | mm | 205 | 280 |
| Length | mm | 270 | 285 |
| Height | mm | 200 | 290 |
| Weight | g | 19000 | 15000 |
| **Note** | | Technical data without lever and length end stop | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | TSLD | 1 | 9918700000 | VKSW | 1 | 1137530000 |
| | TSLD C | 1 | 1270310000 | | | |
| **Note** | | | | | | |

## 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 mm²
Al: max. 400 mm²

Cu: max. 400 mm²

### KT 55

Cu + Al: max. 55 mm

Cu: max. 500 mm²
Al: max. 500 mm²

Cu: max. 500 mm²

## Technical data

| Max. cutting performance, copper cable | | KT 45 R | KT 55 |
|---|---|---|---|
| Stranded (max. conductor cross-section) | mm²/kcmil | 300 / 600 | 500 / 1000 |
| Flexible (max. conductor cross-section) | mm²/kcmil | 400 / 800 | 500 / 1000 |
| Flexible, stranded (max. conductor diameter) | mm | 45 | 55 |
| Copper sector cable | | 3 x 70 SM | 3 x 150 SM |
| **Max. cutting performance, aluminium cable** | | | |
| Stranded (max. conductor cross-section) | mm²/kcmil | 400 / 800 | 500 / 1000 |
| Stranded (max. conductor diameter) | mm | 45 | 55 |
| Aluminium sector cable | | 4 x 70 SE | 4 x 150 SE |
| **Data / telephone / control cable** | | | |
| Max. outer diameter | mm | 45 | 55 |
| **Tool data** | | | |
| Length / Width / Height | mm | 290 / 85 / 40 | 365 / 115 / 45 |
| Weight | g | 740 | 1450 |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | KT 45 R | 1 | **9202040000** | KT 55 | 1 | **9202060000** |
| | Pivoting blade KT 45 R | 1 | **9204270000** | Pivoting blade KT 55 | 1 | **9204280000** |
| **Note** | The dimensions of the cable cutter refer to the delivery condition, i.e. the point of the hinged blade parallel to the fixed blade. | | | 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

product design award

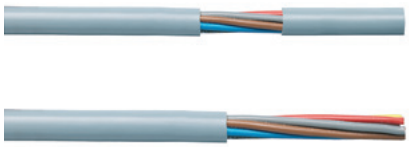
### AM 16

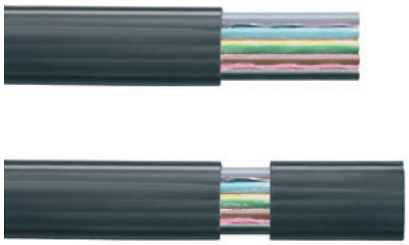
**For round cable, Ø 6...17 mm**

- Also very suitable for stripping cables in the cable duct

### AMF 6/10 AM 16

**For ribbon cable, 6 mm² and 10 mm²**





## Technical data

| Max. stripping performance | | AM 16 | AMF 6/10 |
|---|---|---|---|
| Cable type | | PVC round cable | PVC ribbon cable |
| Conductor cross-section | - | | |
| Conductor diameter | mm | 6...17 | |
| Depth of cut | | 0,8 - 2,5 mm | 0 - 4,0 mm |
| **Cutting performance** | | | |
| UTP und STP data cables, max. diameter | mm | | |
| Flexible (max. conductor cross-section) | mm² | | |
| **Tool data** | | | |
| Length | mm | 53 | 110 |
| Weight | g | 60 | 115 |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | AM 16 | 1 | 9204190000 | AMF 6/10 | | 9204180000 |
| **Note** | | | | | | |

## Accessories

| | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | Spare blade | 1 | 9204260000 | Spare blade | 1 | 9204250000 |
| **Note** | Sheathing stripper | | | Sheathing stripper | | |

## 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®

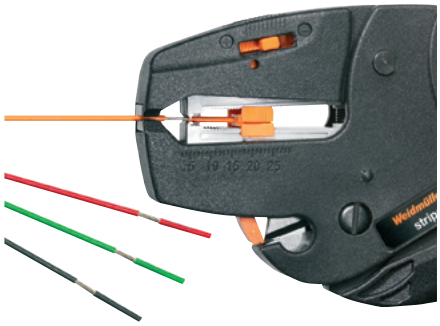
**0.08 - 10 mm²** **NEW**

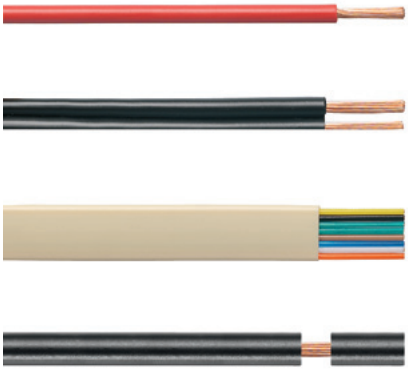
- Stripping: PVC insulated flexible conductor, size 0.08...10 mm² (~AWG 28...7)
- Cutting: PVC insulated flexible conductor, size 0.08...6 mm² (~AWG 28...10)
- Conductors undamaged due to special self adjusting stripping blades.
- Processing of multi-conductors, with thin flat ribbon cables and even multiple conductors in one operationr

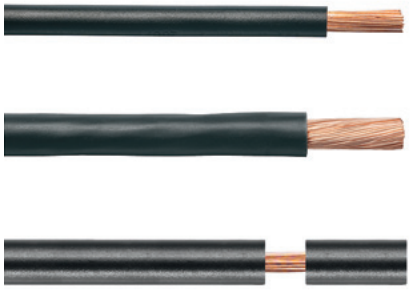
### stripax® 16

**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 | | stripax® | stripax® 16 |
|---|---|---|---|
| Cable type | | Flexible and solid conductors with PVC insulation | Flexible and solid conductors with PVC insulation |
| Conductor cross-section | mm² | 0.08...10 | 6...16 |
| Stripping length, max. | mm | 25 | 25 |
| **Cutting performance** | | | |
| Max. cutting performance | mm² | 6 | 6 |
| **Tool data** | | | |
| Length | mm | 190 | 190 |
| Weight | g | 175 | 175 |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | stripax® | 1 | 9005000000 | stripax® 16 | 1 | 9005610000 |
| **Note** | | | | | | |

## Accessories

| | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | Spare stripping blades | 1 | 1119030000 | Spare stripping blades | 1 | 1119040000 |
| **Note** | | | | | | |

## Crimping tools for wire end ferrules

**Three functions:**
- Cutting
- Stripping
- Crimping

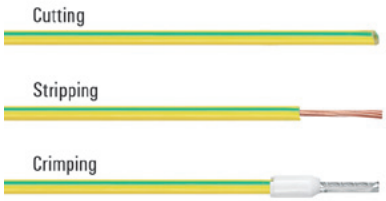
- Wire-end ferrules with plastic collars, in compliance with DIN 46228-4
- Ratchet for precise crimping.
- Efficient operation: Change of tools not necessary, resulting in a significant time savings
- Automatic conveyance of wire-end ferrules
- Quick adjustment for differing cross-sections
- Easy handling 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 mm²**

- For processing linked wire-end ferrules from Weidmüller 0.5...2.5 mm² (~AWG 20...14)



## Technical data

| Description of contact | | STRIPAX PLUS 2.5 |
|---|---|---|
| Type of contact | | Strips of linked wire-end ferrules |
| Crimping range | mm² | 0.5...2.5 |
| Crimping range 1 (with multiple crimping positions) | mm² | 0.5...0.75 |
| Crimping range 2 (with multiple crimping positions) | mm² | 1...1.5 |
| Crimping range 3 (with multiple crimping positions) | mm² | 2.5 |
| Crimping range 4 (with multiple crimping positions) | - | |
| Crimping range 5 (with multiple crimping positions) | - | |
| **Tool data** | | |
| Length | mm | 210 |
| Weight | g | 260 |
| **Note** | | Only strip-type products from Weidmüller can be processed. The use of wire-end ferrules on reels can lead to damage. |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| | STRIPAX PLUS 2.5 | 1 | 9020000000 |
| | Spare cutting blade | 1 | 9050340000 |
| **Note** | | | |

## 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 mm²**

- Only one crimping station for the whole cross-section range
- Wire-end ferrule insertion from the side

### PZ 6/5

**0.25...6 mm²**

- 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

## Technical data

| Description of contact | | PZ 4 | PZ 6/5 |
|---|---|---|---|
| Type of contact | | Wire-end ferrules with/without plastic collars | Wire-end ferrules with/without plastic collars |
| Crimping range | mm² | 0.5...4 | 0.25...6 |
| Crimping range 1 (with multiple crimping positions) | mm² | | 0.25...0.5 |
| Crimping range 2 (with multiple crimping positions) | mm² | | 0.75...1.5 |
| Crimping range 3 (with multiple crimping positions) | mm² | | 2.5 |
| Crimping range 4 (with multiple crimping positions) | mm² | | 4 |
| Crimping range 5 (with multiple crimping positions) | mm² | | 6 |
| **Tool data** | | | |
| Length | mm | 200 | 200 |
| Weight | g | 448 | 423 |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | PZ 4 | 1 | **9012500000** | PZ 6/5 | 1 | **9011460000** |
| **Note** | | | | | | |

## 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 mm²**

- Only one die for the whole cross-section range
- Wire-end ferrule insertion from the front

### PZ 6 roto

**0.14...6 mm²**

- 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 | | PZ 3 | PZ 6 Roto |
|---|---|---|---|
| Type of contact | | Wire-end ferrules with/without plastic collars | Wire-end ferrules with/without plastic collars |
| Crimping range | mm² | 0.5...6 | 0.14...6 |
| Crimping range 1 (with multiple crimping positions) | mm² | | |
| Crimping range 2 (with multiple crimping positions) | mm² | | |
| Crimping range 3 (with multiple crimping positions) | mm² | | |
| Crimping range 4 (with multiple crimping positions) | mm² | | |
| Crimping range 5 (with multiple crimping positions) | mm² | | |
| **Tool data** | | | |
| Length | mm | 200 | 200 |
| Weight | g | 426 | 428 |
| **Note** | | | |

## Ordering data

| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | PZ 3 | 1 | **0567300000** | PZ 6 Roto | 1 | **9014350000** |
| **Note** | | | | | | |

## 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 16

**6...16 mm²**

- 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

### PZ ZH 16

**Twin wire-end ferrules from 6...16 mm²**

- Three crimping stations corresponding to the conductor cross-sections
- Wire-end ferrule insertion from the side

## Technical data

| Description of contact | | PZ 16 | PZ ZH 16 |
|---|---|---|---|
| Type of contact | | Wire-end ferrules with/without plastic collars | Twin wire-end ferrules |
| Crimping range | mm² | 6...16 | 6...16 |
| Crimping range 1 (with multiple crimping positions) | mm² | 6 | 6 |
| Crimping range 2 (with multiple crimping positions) | mm² | 10 | 10 |
| Crimping range 3 (with multiple crimping positions) | mm² | 16 | 16 |
| Crimping range 4 (with multiple crimping positions) | mm² | | |
| Crimping range 5 (with multiple crimping positions) | mm² | | |
| **Tool data** | | | |
| Length | mm | 200 | 250 |
| Weight | g | 418 | 730 |
| **Note** | | | |

## Ordering data

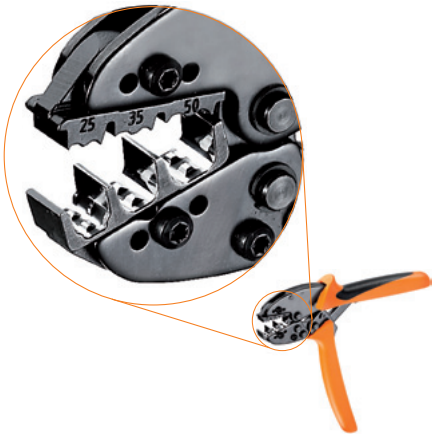
| Version | Type | Qty. | Order No. | Type | Qty. | Order No. |
|---|---|---|---|---|---|---|
| | PZ 16 | 1 | **9012600000** | PZ ZH 16 | 1 | **9013600000** |
| **Note** | | | | | | |

## Crimping tools for wire end ferrules

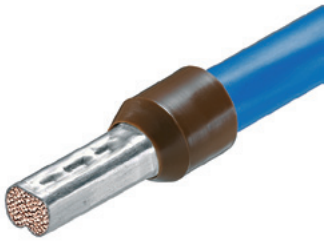
- For wire-end ferrules with and without plastic collars, according to DIN 46228 T.1 and T.4 (~ AWG 24...16)
- Ratchet for precise crimping.
- Release option in the event of incorrect operation

### PZ 50

**25...50 mm²**




- 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 | | PZ 50 |
|---|---|---|
| Type of contact | | Wire-end ferrules with/without plastic collars |
| Crimping range | mm² | 25...50 |
| Crimping range 1 (with multiple crimping positions) | mm² | 25 |
| Crimping range 2 (with multiple crimping positions) | mm² | 35 |
| Crimping range 3 (with multiple crimping positions) | mm² | 50 |
| Crimping range 4 (with multiple crimping positions) | - | |
| Crimping range 5 (with multiple crimping positions) | - | |
| **Tool data** | | |
| Length | mm | 250 |
| Weight | g | 730 |
| **Note** | | |

## Ordering data

| Version | Type | Qty. | Order No. |
|---|---|---|---|
| | PZ 50 | 1 | 9006450000 |
| **Note** | | | |

## 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 mm²
- Flexible cables with a diameter of up to 2.5 mm²

### 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** | | |
| **Copper cable:** | | |
| Solid cable (conductor cross-section) | mm² | 1.5 |
| Flexible cable (conductor cross-section) | mm² | 2.5 |
| **Tool data** | | |
| Length / Width / Height | mm | 35 / 18 / 40 |
| Weight | g | 20 |

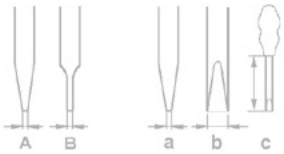
## Ordering data

| 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** |

## 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**

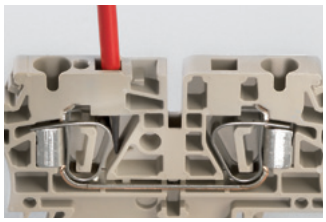
| | | | | | | |
|---|---|---|---|---|---|---|
| SDI 0.4x2.0x60 | A | | 0.4 | 2.0 | 60 | |
| SDI 0.4x2.5x75 | A | | 0.4 | 2.5 | 75 | |
| SDI 0.5x3.0x100 | B | | 0.5 | 3.0 | 100 | |
| SDI 0.6x3.5x100 | B | | 0.6 | 3.5 | 100 | |
| SDI 0.8x4.0x100 | B | | 0.8 | 4.0 | 100 | |
| SDI 1.0x5.5x125 | B | | 1.0 | 5.5 | 125 | |
| SDIS 2.0-5.5 | | | | | | **9205550000** |

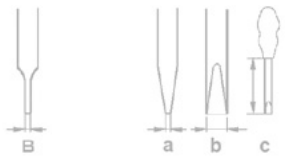
## VDE-insulated screwdriver SlimLine

**NEW**

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.

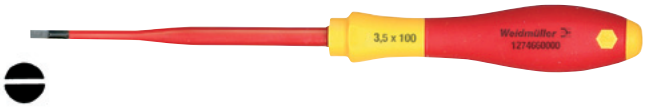





| Type | Blade type | Size / AF | a | b | c | Order No. |
|---|---|---|---|---|---|---|

### 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**




| | | | | | | |
|---|---|---|---|---|---|---|
| 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 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 PH1 | | 1 | | | 80 | **1274710000** |
| SDIK SL PH2 | | 2 | | | 100 | **1274720000** |

### 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**

| | | | | | | |
|---|---|---|---|---|---|---|
| SDIK SL PZ1 | | 1 | | | 80 | **1274730000** |
| SDIK SL PZ2 | | 2 | | | 100 | **1274740000** |

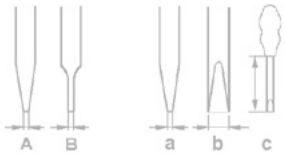
### SDIS SL 2.5-5.5/PH/1/2

**6-part set: VDE insulated slotted and crosshead PH screwdriver set**

| | | | | | | |
|---|---|---|---|---|---|---|
| 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** |

## 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, ouput 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 |

## 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.

| Type | Blade type | Size / AF | a | b | c | Order No. |
|---|---|---|---|---|---|---|
| **SK WSD S** | | | | | | |
| | | 1.5 | | | | |
| | | 2 | | | | |
| | | 2.5 | | | | |
| | | 3 | | | | |
| | | 4 | | | | |
| | | 5 | | | | |
| | | 6 | | | | |
| | | 8 | | | | |
| | | 10 | | | | |
| SK WSD-S 1.5-10.0 | | | | | | **9008850000** |

### 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°.**

### 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.

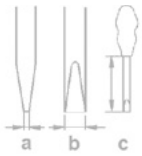
Scale

**Each model is available with two torque ranges:**
- 0.5 to 1.7 Nm
- 2.0 to 8.0 Nm
- setting tool included

Setting tool

**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: ±6 % of set scale value

## 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**

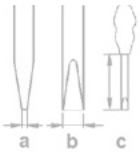
| | | | | | |
|---|---|---|---|---|---|
| WK K PH0 | max. 0.9 Nm | | | 175 | 9918570000 |
| WK K PH1 | max. 3.8 Nm | | | 175 | 9918580000 |
| WK K PH2 | max. 5.5 Nm | | | 175 | 9918590000 |

### 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 |

## 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 |

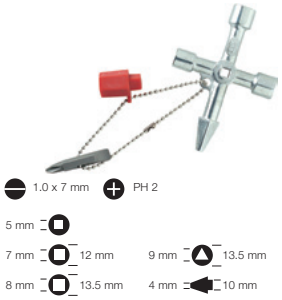
### Cross-Key Master

**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 |



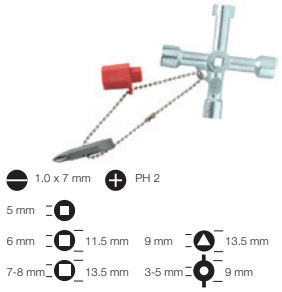

### Cross-Key Universal

**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 |



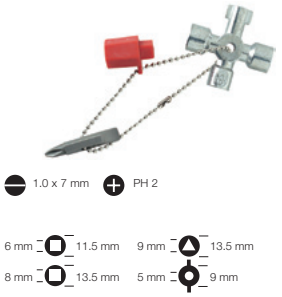

### Cross-Key Universal S

**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 | 2.4 V DC |
| Idling speed | 200/400 $min^{-1}$ |
| Max. torque | 3.0 Nm |
| Chuck | 1/4" E 6.3 DIN 3126 |
| Length | 239 mm |
| Weight | 400 g |
| **Battery** | |
| Type | 2 Ni-Cd batteries each 1.2 V |
| Weight | 122 g |
| **Charger** | |
| Input | 230 V AC, 50 Hz, 50 mA |
| Output | 2.9 V AC, 1.4 A, 4.1 VA |
| Charging time | 1 hour |
| Weight | 700 g |

## Ordering data

| Type | Qty. | Order No. |
|---|---|---|
| DMS 3<br>Screwdriver incl. battery | 1 | **9007440000** |

| 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

## Accessories

| Type | Qty. | Order No. |
|---|---|---|
| Spare battery | 1 | **9007450000** |
| Charger | 1 | **9007460000** |

## Tools

### Tools for insulated cable lugs

| Tool | Order No. | Type of contact 0.5 - 1.5 | 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® plus 2.5 | PZ 3 | PZ 4 | PZ 6 roto | PZ 6 HEX | PZ 6/5 | PZ 16 | PZ 50 |
|---|---|---|---|---|---|---|---|---|---|
| | Order No. | | | | | | | | |
| | 9005990000 | 9020000000 | 0567300000 | 9012500000 | 9014350000 | 9013650000 | 9011460000 | 9012600000 | 9006450000 |
| AEH mm² | | | | | | | | | |
| H 0.14 | ● | | | | ● | ● | | | |
| H 0.25 | ● | | | | ● | ● | ● | | |
| H 0.34 | ● | | | | ● | ● | ● | | |
| H 0.5 | ● | ●1 | ● | ● | ● | ● | ● | | |
| H 0.75 | ● | ●1 | ● | ● | ● | ● | ● | | |
| H 1.0 | ● | ●1 | ● | ● | ● | ● | ● | | |
| H 1.5 | ● | ●1 | ● | ● | ● | ● | ● | | |
| H 2.5 | | ●1 | ● | ● | ● | ● | ● | | |
| H 4.0 | | | ● | ● | ● | ● | ● | | |
| H 6.0 | | | ● | | ● | ● | ● | ● | |
| H 10.0 | | | | | | | | ● | |
| H 16.0 | | | | | | | | ● | |
| H 25.0 | | | | | | | | | ● |
| H 35.0 | | | | | | | | | ● |
| H 50.0 | | | | | | | | | ● |

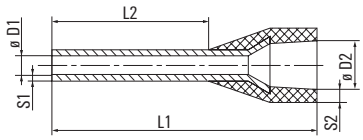
●[1] = ferrules in strip form only

### Twin wire end ferrules are to be crimped according to the following table:

| Tool | Order No. | Ferrules H 0.5 | H 0.75 | H 1.0 | H 1.5 | 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 mm² | 1.5 mm² | 2.5 mm² | 2.5 mm² | 4 mm² | 6 mm² | | | |
| 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 mm²
(AWG 26-300MCM)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

### Weidmüller colour code

**packed loose**

### Ordering data

| Type | ø mm² | 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 |

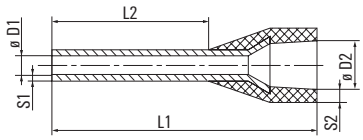
### Weidmüller colour code

**in multipack bag**

### Ordering data

| Type | ø mm² | 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-flammible material on request

For conductors from 0.5 to 2.5 mm² (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 mm² | 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

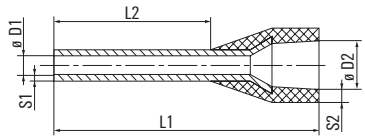
**Reel of wire end ferrules**

### Ordering data

| Type | ø mm² | 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 mm² (AWG 20-1)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

### DIN colour code

**packed loose**

### Ordering data

| Type | ø mm² | 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 mm² | 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

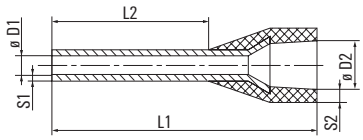
**Strip of wire end ferrules**

### Ordering data

| Type | ø mm² | 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 mm² (AWG 20-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

## DIN colour code

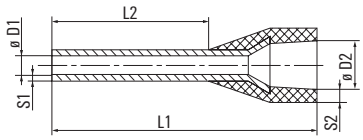
### Reel of wire end ferrules

## Ordering data

| Type | ø mm² | 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 mm² (AWG 26-3)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

**other colour code**

**packed loose**

**Ordering data**

| Type | ø mm² | 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 | ø mm² | 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 |

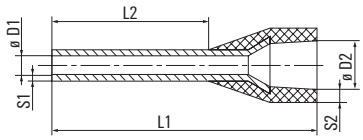
**other colour code**

**Strip of wire end ferrules**

**Ordering data**

| Type | ø mm² | 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 mm² (AWG 20-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

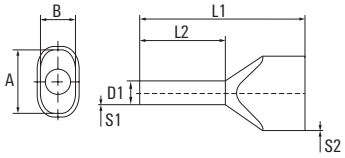
### other colour code

**Reel of wire end ferrules**

### Ordering data

| Type | ø mm² | 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 |

## 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 mm²
(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 | ø mm² | 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 | 9037300000 |
| 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 |

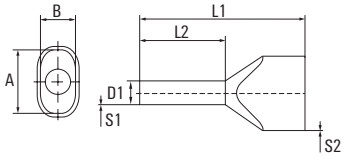
### Weidmüller colour code

**in multipack bag**

### Ordering data

| Type | ø mm² | 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 mm²
(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 mm² | 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 |

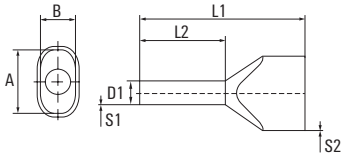
### DIN colour code

**in multipack bag**

### Ordering data

| Type | ø mm² | 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 |

## Twin-wire end ferrules with plastic collar




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

For conductors from 2 No. 0.5 to 2 No. 16 mm²
(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 mm² | 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 |

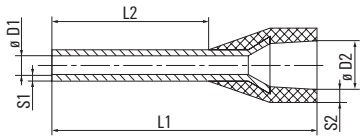
### other colour code

**in multipack bag**

### Ordering data

| Type | ø mm² | 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 mm² (AWG 16-6)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

### Weidmüller colour code

**packed loose**

### Ordering data

| Type | ø mm² | 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

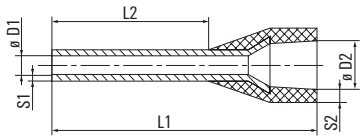
**in multipack bag**

### Ordering data

| Type | ø mm² | 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 mm² (AWG 20-14)
Tin-plated copper
Dimensional tolerances to DIN 46228 part 4

### Weidmüller colour code

**packed loose**

### Ordering data

| Type | ø mm² | 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 |

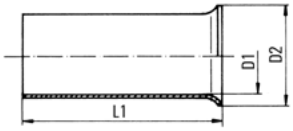
### Weidmüller colour code

**in multipack bag**

### Ordering data

| Type | ø mm² | 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 mm² (AWG 24-350MCM)
Material: tin-plated copper
Dimensional tolerances to DIN 46228 part 1

### without plastic collar

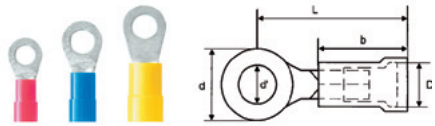
**packed loose**

### Ordering data

| Type | ø mm² | 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 |

## PVC, with conical cable entry

## Ring cable connector

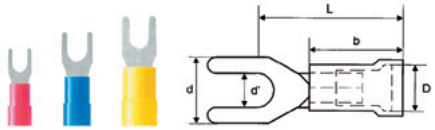



### Ordering data

| Type | Cross-section mm² | Colour | Dimensions | d¹ | 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

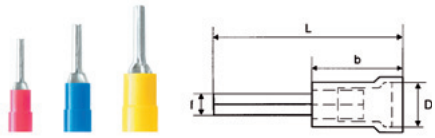



### Ordering data

| Type | Cross-section mm² | Colour | Dimensions | d¹ | 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

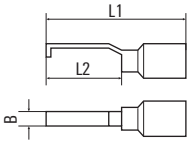



### Ordering data

| Type | Cross-section mm² | 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 ESI 50-18 part 2**

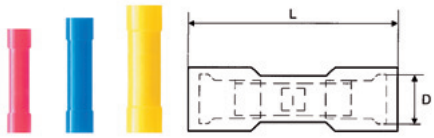



### Ordering data

| Type | Cross-section mm² | 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

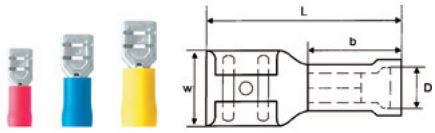



**Ordering data**

| Type | Cross-section mm² | 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

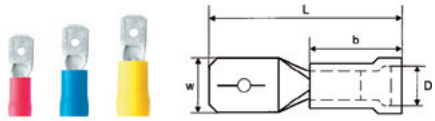



**Ordering data**

| Type | Cross-section mm² | 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

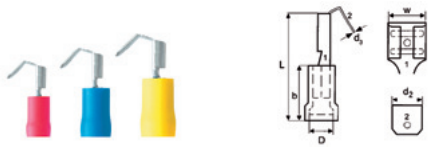



**Ordering data**

| Type | Cross-section mm² | 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

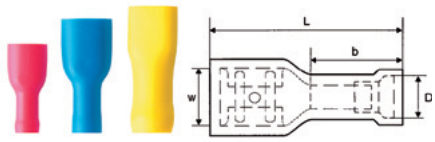



**Ordering data**

| Type | Cross-section mm² | 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 mm² | 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

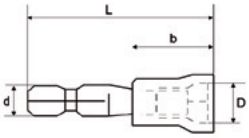
### PVC, with conical cable entry

Conical entry

Without conical entry

### Round plug

**with copper sleeve**

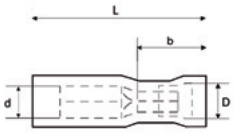



### Ordering data

| Type | Cross-section mm² | 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 mm² | 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


| | | |
|---|---|---|
| **Weidmüller Solutions & Service** | Customer specific solutions: best advice, best solutions | V.2 |
| | Digital support: RailDesigner®, Product Assistant for Distribution Boxes, Online product catalogue, M-Print® PRO label designer | V.8 |

# Application specific solutions – Your requirements are our motivation

Each industry has its own requirements calling for more and more individual solutions aside from standard products. Your new product might have to contend with severe conditions. Many applications are subjected to high mechanical strains – through vibration or directly applied forces. Extreme temperature conditions or an application in hazardous areas are further factors your product must be able to comply with. We can offer you highly competent expertise to support you in the selection of ideal products, whatever your application. Feel free to contact us!

From custom product development, customer-specific assembly or application-specific products that are ready for use - we can help you to optimise your working processes and ensure your company's sustained efficiency, today, as well as for the future.

**Individual product development**
Working closely with you, we can develop individual and future-proof products using the latest technologies and which are specifically tailored to your application.

**Customer-specific assembly**
Our highly-skilled production expertise and broad product portfolio means that we can deliver superior solutions to meet and exceed your specification requirements.

**Application-specific products**
Our cross-industrial solutions set standards: Set up for your application, instantly ready for use and available from stock.

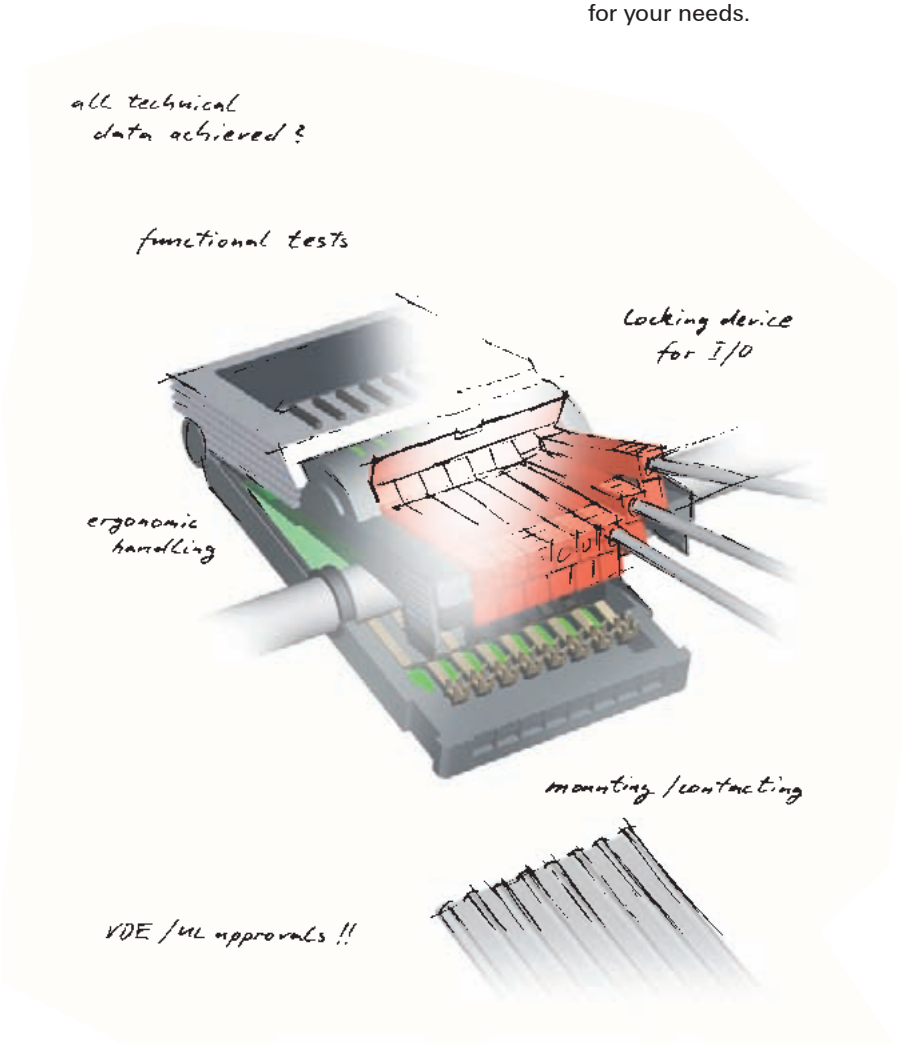
# Individual product development for your success

**We have a passion for simple, innovative solutions**
Working with you, we can develop innovative and future-oriented products tailored to your application. Our philosophy is „one customer - one product". It is not the product that is the starting point, but you, your technical specifications and your requirements.

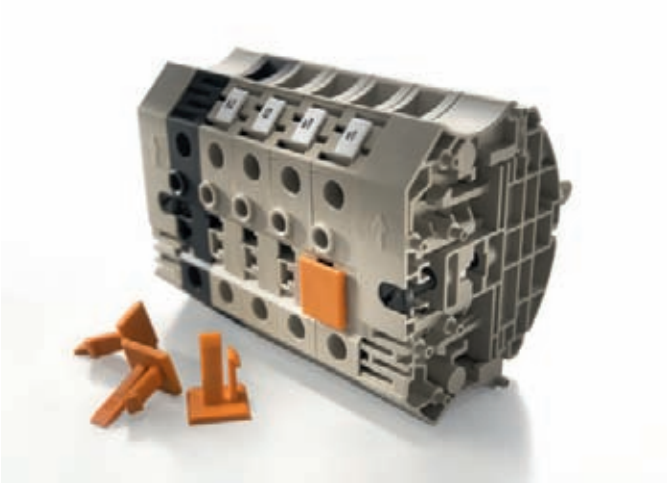
**A connecting partnership**
The development of individual products means making the most of the experience and competencies available in the partnership. Our project management provides a professional and quality approach - from concept and design through to development, implementation and production. Our extensive knowledge of electrical connectivity, enclosure and sealing technology, as well as signal conditioning are all at your disposal.

**Benefit from a reliable partner:**

- **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 expeience 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.
- **Feel safe with the professional approach of our project management**
  Through innovation workshops, feasability 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.

**Your advantage:** You quickly get a suitable and cost-efficient solution.

**Cross industrial solutions as standard**
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:**

- **High availability**
  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**
  Using the expertise of our applications engineers means that you can develop the solutions that are not only right, but which deliver added value to your applications.
- **Supportive software**
  Project planning and evaluation is made easy with our software solutions such as NetCalc, RailDesigner® or Softclinic.
- **Worldwide application centres**
  We stay in constant dialogue with our worldwide application centres, ensuring that our own application knowledge is shared, kept up to date and at your disposal anywhere you need us.

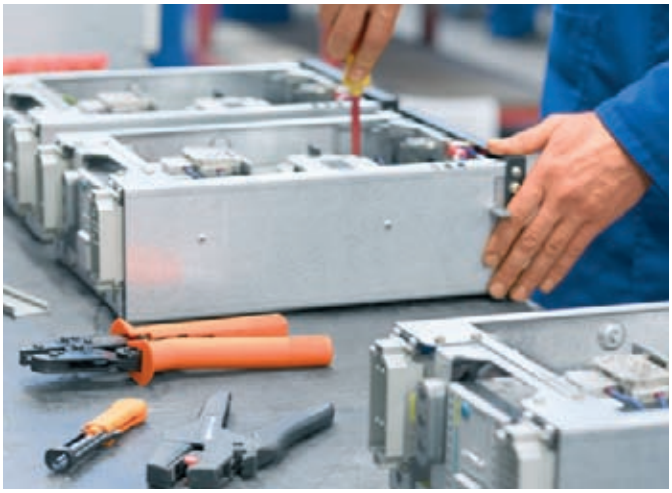
# Customer specific assembly, tailored configuration

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 Weidmuller, 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.

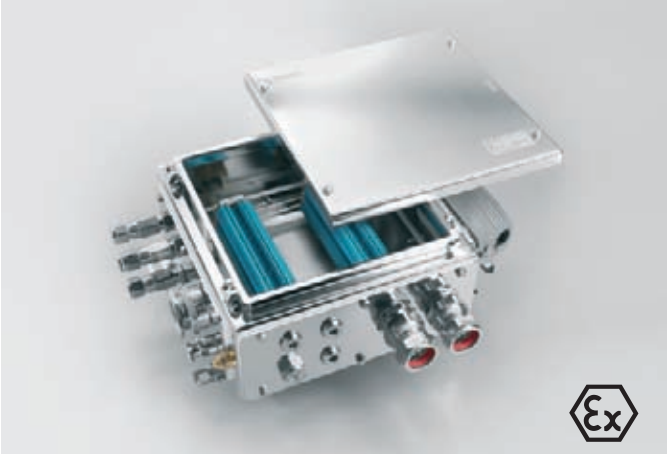
Our services include:
- Adaptation and assembly of enclosures for all IP protection classes
- ATEX solutions for hazardous areas
- Assembly of heavy duty connectors
- Assembly of terminal strips
- Customer specific electronics solutions
- Cable assembly



**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.

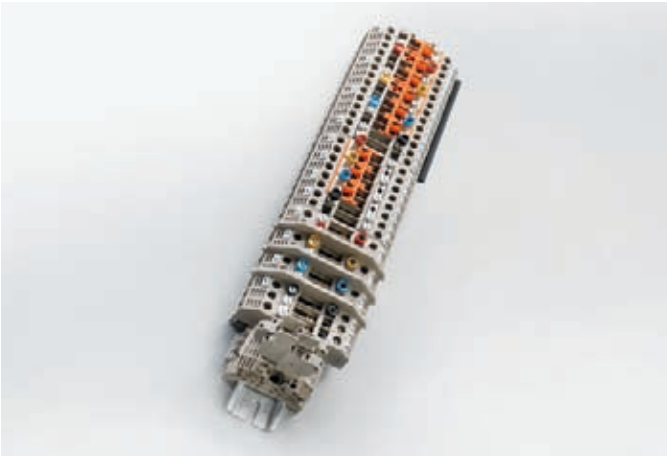
# Customer specific assembly – consultation, product, development and production – all from a single source

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**

# 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.

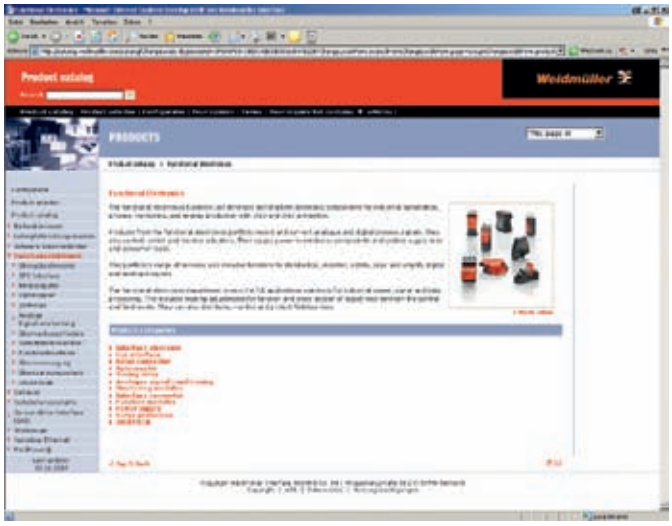
**Provision of all relevant data**
During the selection, you can choose filters for the terminal strips, such as length, connection technology or dimensional cross-section and, for the enclosure, you can choose material, size, holes etc. If a product is then selected and combined, the user can view all 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**

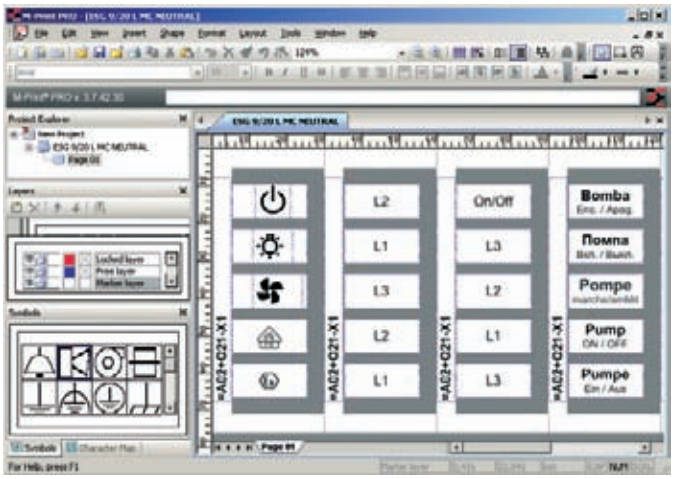



**With one click selection for the product data sheet of your choice.**

# 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.

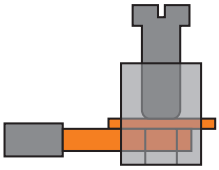
M-Print® PRO enables you to design your labelling materials professionally and quickly. Texts, borders, lines, graphics, barcodes, serial numbers and photographs are all possible. The interface to RailDesigner® or your CAE system enables the transfer of all your configured data.



# Technical appendix

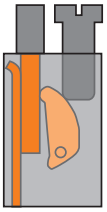

| | | |
|---|---|---|
| **Technical appendix** | Connection systems | W.2 |
| | Definitions of the various types | W.4 |
| | Materials – Insulating materials | W.6 |
| | Definition of overload and short-circuit protection | W.8 |
| | Materials – Metals | W.10 |
| | Norms, Standards, Terms | W.12 |
| | 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



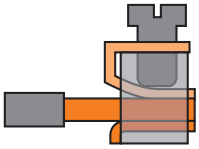
### Clamping yoke connection technology

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.



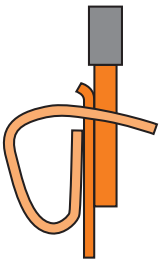
### TOP connection technology

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.



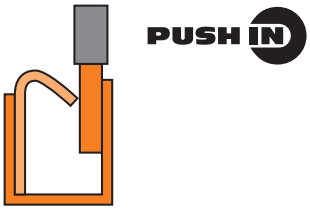
### Leaf spring connection technology

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.

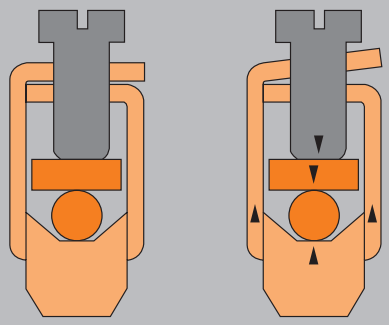



### PUSH IN-connection technology

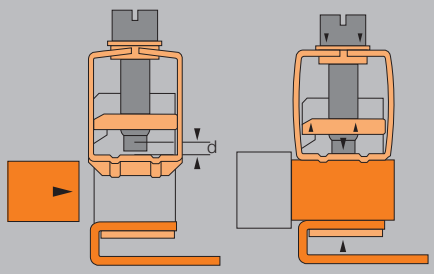
In our **PUSH IN connection technology** the stripped solid conductor is simply inserted into the clamping point as far as it will go. And that completes the connection! No tools are required and the result is a reliable, vibration-resistant and gas-tight connection. Even flexible conductors with crimped 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

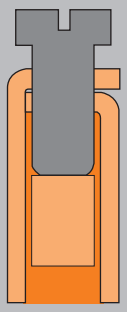
**Clamping yoke**
As the clamping screw is tightened, the ensuing force causes the upper threaded part to spring back and exert a locknut effect on the screw. The Weidmüller clamping yoke system is vibration-resistant. The relaxation of the conductor is compensated for by the elastic behaviour of the 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.

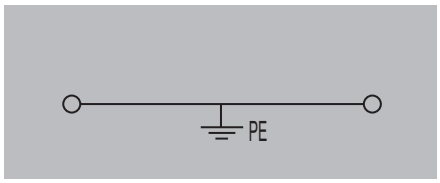



**TOP**
Like with the clamping yoke, the force exerted by the steel lever as the screw is tightened forces apart the two threaded parts of the TOP connection. This exerts a locking effect on the screw and guarantees excellent vibration resistance.



# Definitions of the various types

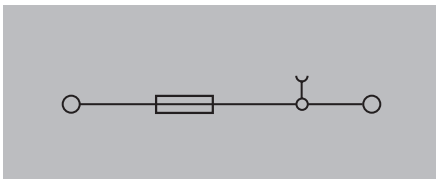
### PE terminals




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.

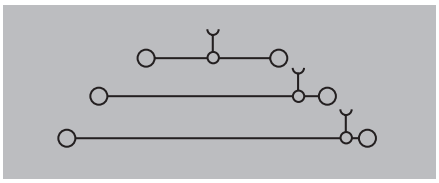
**Applications** (IEC 60947-7-2)
This standard applies to PE terminals with PE function up to 120 mm² and to PE terminals with PEN function for sizes upwards of 10 mm² with clamping points with or without screws for connecting round copper conductors with a cross-section between 0.2 and 120 mm² (AWG 24/250 kcmil) for circuits up to 1000 Vac1000 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.

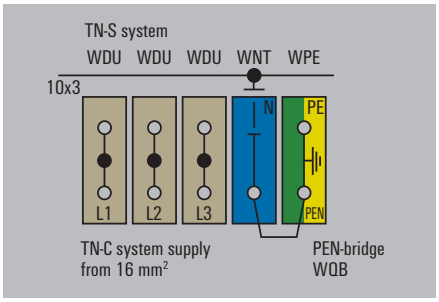
**Applications IEC 60947-7-1 / IEC 60947-7-2**
**DIN VDE 0611-4 (partly)**
These standards apply to multi-level distribution terminals with clamping points with/without screws for connecting or linking solid, stranded or flexible copper conductors.
In distribution terminals, phase conductor and/or N 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

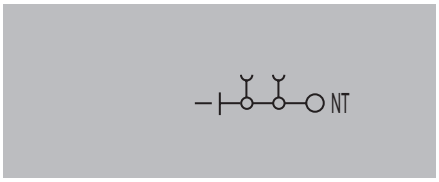
According to IEC 60947-7-2, only copper terminal rails may be used for the PEN function. Steel terminal rails may not be used.

### 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 mm² and upwards.



### N-conductor disconnect terminals



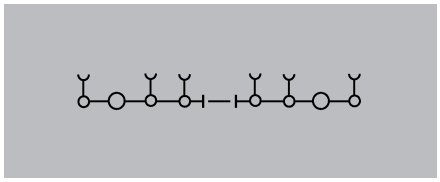

A neutral-conductor disconnect terminal is a special type of test-disconnect terminal with lateral disconnection. It is connected to a neutral-conductor busbar. It is covered by the scope of the IEC 60947-7-1 (Appendix D). They enable simple testing without the need to disconnect the neutral conductor.

**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.

| | | Ceramics | Thermosetting plastics | |
|---|---|---|---|---|
| **Plastic Abbreviation** | | **Ceramics** | **Gemin KrG** | **Epoxy resin EP** |
| | | Ceramics are excellent materials for electrical engineering because they fulfil all requirements. 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. | Thermosetting plastics exhibit high dimensional stability, low water absorption, extremely good tracking resistance and excellent fire resistance.<br><br>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.<br><br>The disadvantage in comparison with thermoplastics is the reduced flexibility of thermosetting plastics. | |
| | | 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** | | highest continuous operating temperature<br>high fire resistance<br>fluids-repellent<br>high tracking resistance<br>inherently flame-retardant | high continuous operating temperature<br>high fire resistance<br>high tracking resistance<br>inherently flame-retardant<br>halogen-free<br>flame-retardant agent | very good electrical properties<br>very high continuous operating temperature<br>resistant to high-energy radiation<br>halogen- and phosphor-free flame-retardant agent |
| **Properties** | | | | |
| Specific volume resistance to IEC 60093 | Ω x cm | – | $10^{11}$ | $10^{14}$ |
| Electric strength to IEC 60243-1 | kV / mm | >10 | 10 | 160 |
| Tracking resistance (A) to IEC 60112 | CTI | ≥ 600 | ≥ 600 | ≥ 600 |
| Upper max. permissible temperature | °C | 250 | 130 | 160 |
| Lower max. permissible temperature, static | °C | -60 | -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** |
| **Wemid** 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. | **Polyamide (PA)** 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. | **Glass fibre-reinforced polyamide (PAGF)** 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. | **This thermoplastic polyester (PBT)** 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. | |
| 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** |
| higher continuous operating temperature<br>improved fire resistance<br>halogen- and phosphor-free flame-retardant agent<br>flame-retardant agent low smoke development in fire<br>certified for railway applications to NF F 16-101 | flexible, virtually unbreakable<br>good electrical and mechanical properties<br>self-extinguishing behaviour<br>halogen-free flame-retardant agent | excellent dimensional stability<br>very good mechanical properties<br>halogen-free flame-retardant agent | high dimensional stability<br>good electrical and mechanical properties<br>flame-retardant substances do not lead to the formation of dioxin or furan | high dimensional stability<br>high continuous operating temperature<br>high electrical insulation capacity<br>halogen-free flame-retardant agent |
| $10^{12}$ | $10^{12}$ | $10^{12}$ | $10^{13}$ | $10^{16}$ |
| 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.

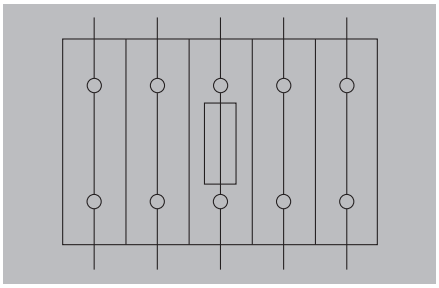


Figure 1: Fuse terminal blocks arranged individually

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.

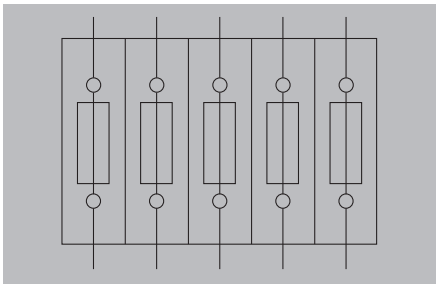


Figure 2: Fuse terminal blocks arranged as composites

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 |

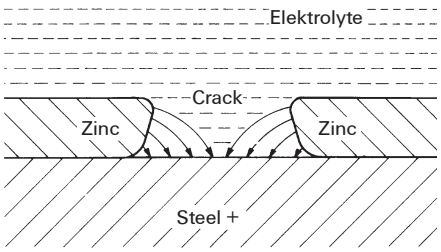
# Metals

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 $mm^2$ and 300 $mm^2$ (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 $mm^2$.

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:

| | | | | |
|---|---|---|---|---|
| mm² | 1.5 | 2.5 | 4.0 | 6.0 |
| A | 17.5 | 24 | 32 | 41 |

| | | | | |
|---|---|---|---|---|
| mm² | 10 | 16 | 25 | 35 |
| A | 57 | 76 | 101 | 125 |

| | | | | |
|---|---|---|---|---|
| mm² | 50 | 70 | 95 | 120 |
| A | 150 | 192 | 232 | 269 |

| | | | | |
|---|---|---|---|---|
| mm² | 150 | 185 | 240 | 300 |
| A | 309 | 353 | 415 | 520 |

**Conventional free-air thermal current (Ith)**

The conventional thermal current in free air (Ith) 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 (Ith).**
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.

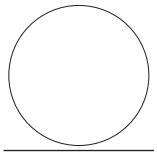
# IP class of protection to DIN EN 60529

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.

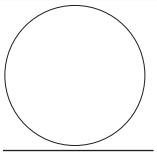
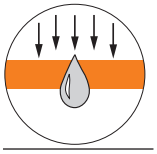
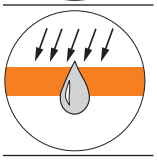
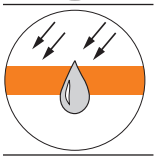
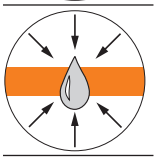
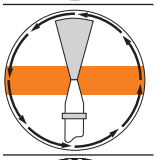
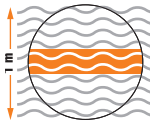
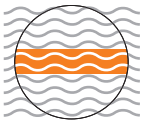
Example: **I P 6 5**

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). |

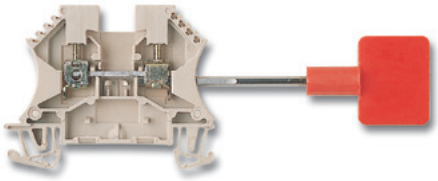
# Conversion table for AWG to mm² conductors

## AWG

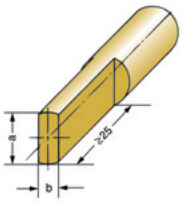
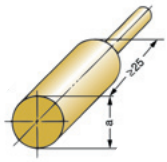
**AWG** is the abbreviation for „**A**merican **W**ire **G**auge“. This designation bears no resemblance to the actual cross-section of the conductor.
The relationship between AWG and mm² is shown in the following table.

## 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



| AWG | mm² |
|---|---|
| 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 |

| Conductor cross-section | | Plug gauge | | | | | |
|---|---|---|---|---|---|---|---|
| | | Form A | | | Form B | | |
| | |  | | |  | | |
| Flexible conductor mm² | Rigid conductor (solid or stranded) mm² | Designation | Diameter a mm | Width b mm | Designation | Diameter a mm | Permissible deviation for a and b mm |
| 1.5 | 1.5 | A 1 | 2.4 | 1.5 | B 1 | 1.9 | |
| 2.5 | 2.5 | A 2 | 2.8 | 2.0 | B 2 | 2.4 | 0 - 0.05 |
| 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 | |
| 6 | 10 | A 5 | 4.3 | 4.0 | B 5 | 4.4 | 0 - 0.06 |
| 10 | 16 | A 6 | 5.4 | 5.1 | B 6 | 5.3 | |
| 16 | 25 | A 7 | 7.1 | 6.3 | B 7 | 6.9 | |
| 25 | 35 | A 8 | 8.3 | 7.8 | B 8 | 8.2 | 0 - 0.07 |
| 35 | 50 | A 9 | 10.2 | 9.2 | B 9 | 10.0 | |
| 50 | 70 | A 10 | 12.3 | 11.0 | B 10 | 12.0 | |
| 70 | 95 | A 11 | 14.2 | 13.1 | B 11 | 14.0 | 0 - 0.08 |
| 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".

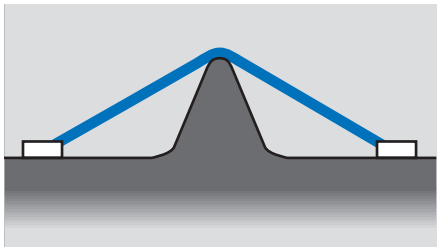
The design data resulting from these provisions is – if applicable – specified in this catalogue for each product.

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:

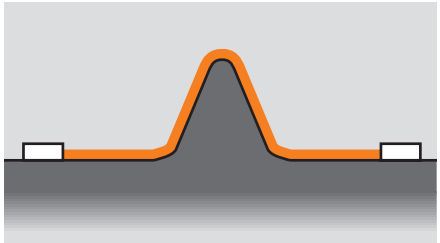
- Anticipated overvoltage **rated impulse withstand voltage**
- Used **overvoltage protection precaution**
- Measures to prevent pollution **pollution severity**

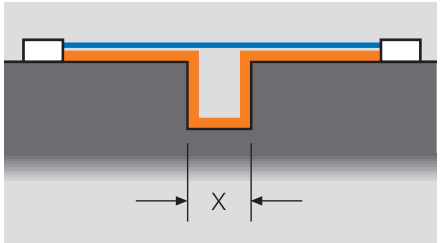


## Creepage distances

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 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 **(Surge category IV)** | Electrical equipment as part of the permanent installation **(Surge category III)** | Electrical equipment to be connected to the permanent installation **(Surge category II)** | Specially protected electrical equipment **(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 of the power supply (mains)*) | Voltages for table 4 | |
| | For insulation phase-to-phase [1)] | For insulation phase-to-earth [1)] |
| | All systems | 3-wire systems 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 of the power supply (mains)*) | Voltages for table 4 | | |
| | For insulation phase-to-phase | For insulation phase-to-earth | |
| | All systems | 3-phase 4-wire systems with earthed neutral wire[2)] | 3-phase 3-wire systems unearthed[1)] or 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):

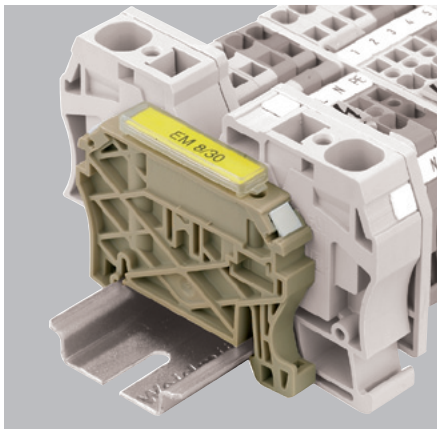
| Insulating material group | |
|---|---|
| I | 600 ≤ CTI |
| II | 400 ≤ CTI < 600 |
| III a | 175 ≤ CTI < 400 |
| III b | 100 ≤ CTI < 175 |

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

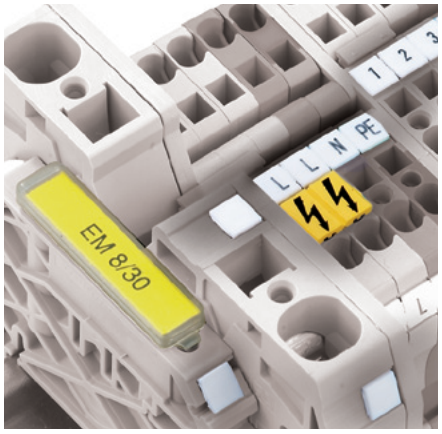
### Assembly and end brackets

- 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.




### 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.

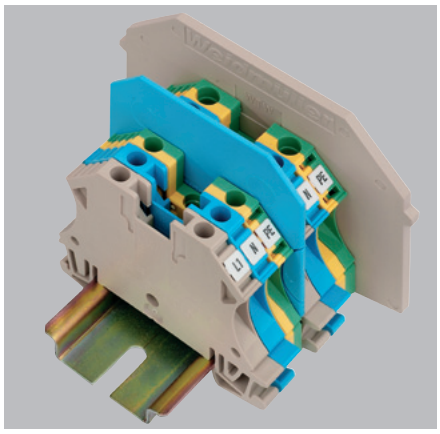



### Dimensions

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 ± 0.5 mm, ≥ 10 ± 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.

### 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 hexagon socket | | |
|---|---|---|
| Thread | Tightening torque Non-ferrous screws Cu 2 (CuZn) [Nm] | Cu 5 (CuNi 60) [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 slotted head | | |
|---|---|---|
| Thread | Tightening torque Steel screws min. 8.8 [Nm] | A 2/A 4-80 [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 Steel screws [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 E60693 | Torque NM | Voltage | Current | WI Catalog No. | |
|---|---|---|---|---|---|
| | | | | | |
| **Multi wire test for:** | | | | | |
| 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 | 2.5 |
| sec 38 | 0.5 | | | | 1.5 |
| sec 38 | 0.8 | | | WPE 2.5/1.5/ZR | 2.5 |
| sec 38 | 0.5 | | | | 1.5 |
| 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/oTNHE | |
| sec 38 | | | | WDK 2.5/TR DU-PE/oTNHE | |
| sec 38 | | | | WTR 2.5 | |
| | | | | WDU 50N | |
| | | | | WPE 50N | |
| | | | | WDU 70N | |
| | | | | WPE 70N | |
| | | | | WDK 2.5/TR DU/oTNHE | |
| | | | | WDK 2.5/TR DU-PE/oTNHE | |
| | | | | 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 | |
| | | | | | |

[1] Passed with lowered current rating [2] Passed with differing number of wires [3] Still in work

## The maximum number of identical cross-sections

| UL Rated Terminal Blocks | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wire cross-section AWG (mm²) | | | | | | | | | | | | | | | | | | |
| #30 (0.05) | #28 (0.08) | #26 (0.13) | #24 (0.21) | #22 (0.33) | #20 (0.5) | #18 (0.75) | #16 (1.5) | #14 (2.5) | #12 (4) | #10 (6) | #8 (10) | #6 (16) | #4 (25) | #2 (35) | #1 (40) | 1/0 (50) | 2/0 (70) | 3/0 (80) |
| Number of the same Size Wires per Terminal | | | | | | | | | | | | | | | | | | |
| 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - |
| - | - | - | - | 4 | 4 (29 A)[1] | 3 | 3 | 2 | 1 | 1 | - | - | - | - | - | - | - | - |
| - | - | - | - | 4 | 4 (30 A)[1] | 3 | 3 | 3 | 2 | 1 | 1 | - | - | - | - | - | - | - |
| - | - | - | - | 4 | 4 | 4 | 4 (46 A)[1] | 3 (50 A)[1] | 2 (50 A)[1] | 1 | 1 | 1 | - | - | - | - | - | - |
| - | - | - | - | - | - | - | 4 (67 A)[1] | 4 (62 A)[1] | 3 (71 A)[1] | 2 (67 A)[1] | 1 | 1 | 1 | - | - | - | - | - |
| - | - | - | - | - | - | - | - | 3 | 3 | 3 (90 A)[1] | 2 | 2 (114 A)[1] | 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 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | - | - | - | - | - | - | - | - | - |
| - | - | 4 | 4 | 4 | 3 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - |
| - | - | 4 | 4 | 4 | 2[2] | 3 | 2 | 2 | 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 | | |
| | | | | | | | | | | | 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[3] | 4[3] | 3[3] | 3[3] | 3[3] | 3[3] | 2[3] | 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[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | |
| covered by WTR 4/ZZ | | | | | | | | | | | | | | | | | | |
| | | | | 4[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |
| covered by WTR 4/ZZ | | | | | | | | | | | | | | | | | | |
| | | | | 4[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |
| | | | | 4[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |
| | | | | 4[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |
| covered by WTR 4/ZZ STB 2.3 | | | | | | | | | | | | | | | | | | |
| covered by KDKS 1/PE/35 | | | | | | | | | | | | | | | | | | |
| 4[2] | 4[2] | 4[2] | 4[2] | 4[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |
| 4[2] | 4[2] | 4[2] | 4[2] | 4[2] | 4[2] | 3[2] | 3[2] | 2[2] | 1[2] | 1[2] | | | | | | | | |

# 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.

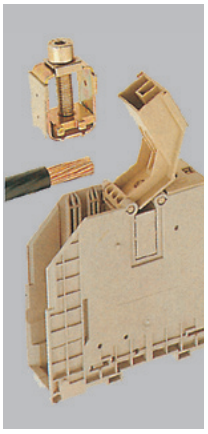
Such cross-connections must be used with partition plates or end plates in order to maintain the rated voltage.

### 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.

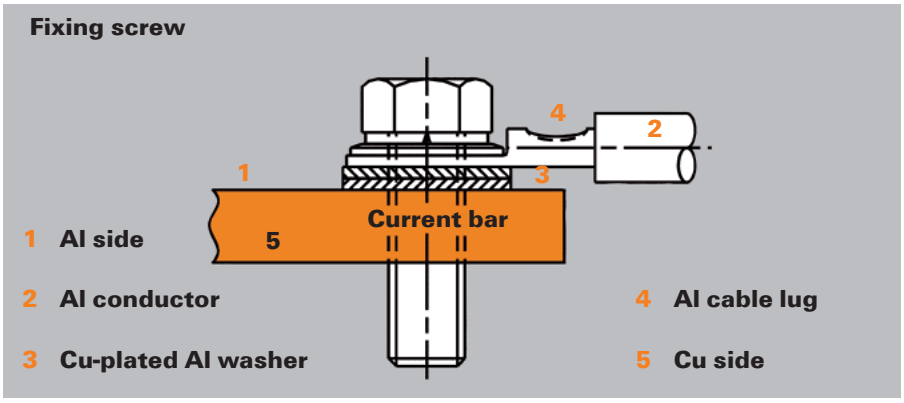
| Solid round and sector conductors | | | | |
|---|---|---|---|---|
| Terminal type | Rated cross-section | Reduced rated current when connecting an aluminium conductor | Clamping screw thread size | Tightening torque |
| **W-Series** | **mm²** | **„A"** | | **Nm** |
| WDU 2.5 | 2.5 | 20 | M 2.5 | 0.4 |
| 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 |
| **SAK-Series** | | | | |
| 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 | | | | |
|---|---|---|---|---|
| **W-Series** | | | | |
| 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.



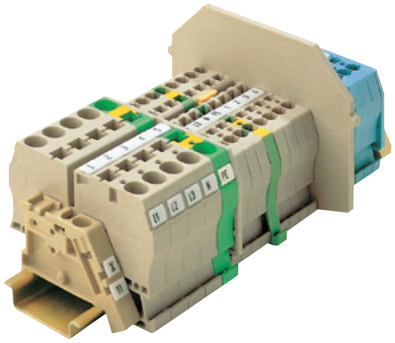
# ATEX terminals blocks

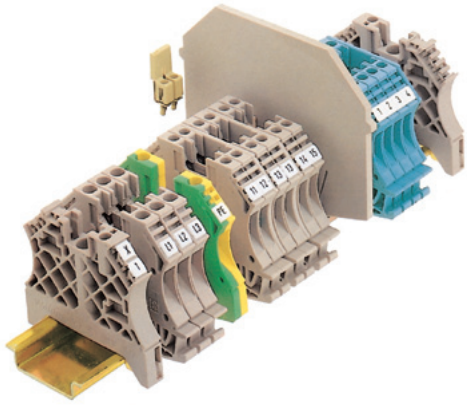
**Modular terminals for explosive conditions – complying with the European ATEX Directive 94/9/EC**

**Principles**

IEC 60947-7-1 (EN 60 947-7-1/VDE 0611pt.1) and IEC 60 947-7-2 (EN 60 947-7-2/ VDE 0611pt.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:** Ⓔx II 2 G-D
Ⓔx 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.

### 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.

**Current-carrying capacity of cables and lines**

| Nominal currents | | | |
|---|---|---|---|
| Cross-sect. | VDE 0298 part 4 (IEC364-5-523) Current-carrying capacity of lines | | EN 60079-7 Type of ignition "increased safety" Connection terminals Ambient temperature 40 °C, 40 K temperature rise Current equivalent to the conductor connected |
| | Ambient temperature 30 °C Factor 1.0 Installation type C + 3 current-carrying wires PVC 70 °C | Umgebungstemp. 40 °C, Faktor 0.87 Verlegeart C + 3 bel. Adern PVC 70 °C | |
| | 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.

# 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 IEC60079-10 | 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**

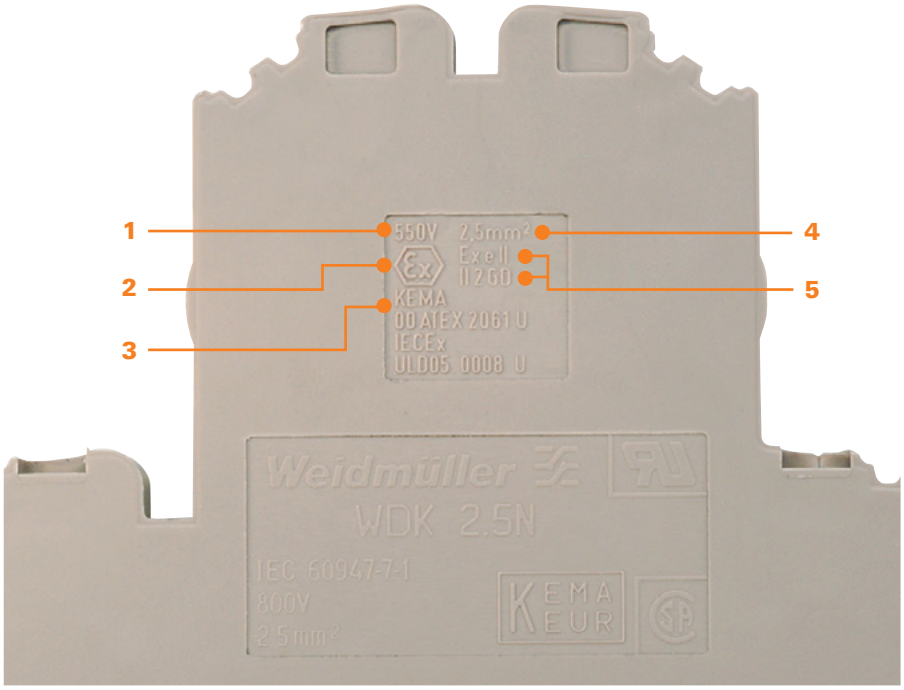
**1** • Rated voltage

**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**

## Maximum voltage

| Range [1] | Certificate No. | Rated voltage | Rated current | Rated current with QV | Nominal cross-section | Maximum voltage / V (letters refer to the above diagrams) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AKZ... | | / V | / A | / A | / mm² | A | C | D | E | F | G | H | I |
| AKZ 1.5 | SIRA 02ATEX3001 U | 176 | 15 | 15 | 1.5 | 176 | 176 | – | 176 | 176 | – | – | – |
| AKZ 2.5 | SIRA 02ATEX3001 U | 176 | 21 | 21 | 2.5 | 176 | 176 | – | 176 | 176 | – | – | – |
| AKZ 4 | SIRA 02ATEX3001 U | 275 | 28 | 28 | 4 | 275 | 275 | – | 275 | 275 | – | – | – |
| **BK...** | | | | | | | | | | | | | |
| BK 2/E ... BK 12/E | SIRA 01ATEX3247 U | 275 | 28 | 25 | 4 | 176 | – | – | – | – | – | – | – |
| **DK 4 ...** | | | | | | | | | | | | | |
| DK 4 | SIRA 02ATEX3316 U | 275 | 28 | 21 | 4 | 275 | 275 | – | 275 | 275 | – | – | – |
| DK 4Q | SIRA 02ATEX3316 U | 275 | 28 | 21 | 4 | 275 | 275 | – | 275 | 275 | – | – | – |
| DK 4QV | SIRA 02ATEX3316 U | 275 | 28 | 21 | 4 | 275 | 275 | – | 275 | 275 | – | – | – |
| **I ... Series** | | | | | | | | | | | | | |
| IDK 1.5N | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | – | – | – | – | – |
| IDK 1.5N/V | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | – | – | – | – | – |
| IDU 1.5N | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | – |
| IDU 1.5N/2X2AN | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | |
| IDU 1.5N/ZF | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | – |
| IDU 1.5N/3AN/ZF | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | |
| IDU 1.5N/ZB | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | – |
| IDU 1.5N/3AN/ZB | KEMA 02ATEX2241 U | 275 | 15 | 15 | 1.5 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | |
| IDU 2.5N | DEMKO 03ATEX134054 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 550 | 550 | 550 | 550 | – | – |
| IDU 2.5N/3AN | DEMKO 03ATEX134054 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 550 | 550 | 550 | 550 | – | – |
| IDU 2.5N/4AN | DEMKO 03ATEX134054 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 550 | 550 | 550 | 550 | – | – |
| IDU 2.5N/2x2AN | DEMKO 03ATEX134054 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 550 | 550 | 550 | 550 | – | – |
| IDU 2.5N/ZF | DEMKO 03ATEX134054 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 275 | 550 | 550 | 275 | – | – |
| IDU 2.5N/ZB | DEMKO 03ATEX134054 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 275 | 550 | 550 | 275 | – | – |
| **MK ...** | | | | | | | | | | | | | |
| MK 3/.../E | SIRA 01ATEX3248U | 275 | 21 | 21 | 2.5 | 176 | – | – | – | – | – | – | – |
| MK 6/.../E | SIRA 01ATEX3249U | 440 | 36 | 36 | 6 | 275 | – | – | – | – | – | – | – |

[1] Please refer to the catalogue and the certificate for details of precisely which article is approved.

## Maximum voltage

| Range [1] P ... | Certificate No. | Rated voltage / V | Rated current / A | Rated current with QV / A | Nominal cross-section / mm² | Maximum voltage / V (letters refer to the above diagrams) A | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PDU 2.5/4 | KEMA 06ATEX0177U | 550 | 29 | 25.5 | 4 | 275 | 550 | 176 | 275 | 275 | 176 | 176 | |
| PDU 2.5/4/3AN | KEMA 06ATEX0177U | 550 | 29 | 25.5 | 4 | 275 | 550 | 176 | 275 | 275 | 176 | 176 | |
| PDU 2.5/4/4AN | KEMA 06ATEX0177U | 550 | 29 | 26.5 | 4 | 275 | 550 | 176 | 275 | 275 | 176 | 176 | |
| PDU 6/10 | KEMA 06ATEX0177U | 550 | 37 | 26.5 | 6 | 550 | 550 | 275 | 550 | 550 | – | 220 | |
| PDU 6/10/3AN | KEMA 06ATEX0177U | 550 | 36.5 | 29.5 | 6 | 550 | 550 | 275 | 550 | 550 | – | 220 | |
| PDU 16 | KEMA 06ATEX0177U | 550 | 59 | 57.5 | 16 | 275 | 550 | – | 275 | 275 | – | 110 | |
| PEI 16 | KEMA 06ATEX0177U | 550 | 66.5 | 25 (37) [4] | 16 | 275 | – | – | – | – | – | – | |
| **SAK ...TS 32/TS 35** | | | | | | | | | | | | | |
| SAK 2.5 | KEMA 97ATEX1798 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 176 | 550 | 550 | – | – | – |
| SAK 4 | KEMA 97ATEX1798 U | 550 | 28 | 28 | 4 | 550 | 550 | 176 | 550 | 550 | – | – | – |
| SAK 6N | KEMA 97ATEX1798 U | 550 | 36 | 36 | 6 | 550 | 550 | 176 | 550 | 550 | – | – | – |
| SAK 10 | KEMA 97ATEX1798 U | 550 | 50 | 50 | 10 | 550 | 550 | 176 | 550 | 550 | – | – | – |
| SAK 16 | KEMA 97ATEX1798 U | 690 | 66 | 66 | 16 | 550 | 550 | 176 | 690 | 690 | – | – | – |
| SAK 35 | KEMA 97ATEX1798 U | 550 | 109 | 99 | 35 | 550 | 550 | 176 | 550 | 550 | – | – | – |
| **SAK ... EN on TS32** | | | | | | | | | | | | | |
| SAK 2.5 EN | KEMA 97ATEX1798 U | 440 | 21 | 21 | 2.5 | 440 | 440 | 440 | 440 | 440 | – | – | – |
| SAK 4 EN | KEMA 97ATEX1798 U | 440 | 28 | 28 | 4 | 440 | 440 | 440 | 440 | 440 | – | – | – |
| SAK 6N EN | KEMA 97ATEX1798 U | 440 | 36 | 36 | 6 | 440 | 440 | 440 | 440 | 440 | – | – | – |
| SAK 10 EN | KEMA 97ATEX1798 U | 440 | 50 | 50 | 10 | 440 | 440 | 440 | 440 | 440 | – | – | – |
| SAK 16 EN | KEMA 97ATEX1798 U | 440 | 66 | 66 | 16 | 440 | 440 | 440 | 440 | 440 | – | – | – |
| SAK 35 EN | KEMA 97ATEX1798 U | 440 | 109 | 109 | 35 | 440 | 440 | 440 | 440 | 440 | – | – | – |
| **SAK ... EN on TS35** | | | | | | | | | | | | | |
| SAK 2.5 EN | KEMA 97ATEX1798 U | 690 | 21 | 21 | 2.5 | 690 | 690 | 440 | 690 | 690 | – | – | – |
| SAK 4 EN | KEMA 97ATEX1798 U | 690 | 28 | 28 | 4 | 690 | 690 | 690 | 690 | 690 | – | – | – |
| SAK 6N EN | KEMA 97ATEX1798 U | 690 | 36 | 36 | 6 | 690 | 690 | 690 | 690 | 690 | – | – | – |
| SAK 10 EN | KEMA 97ATEX1798 U | 690 | 50 | 50 | 10 | 690 | 690 | 690 | 690 | 690 | – | – | – |
| SAK 16 EN | KEMA 97ATEX1798 U | 690 | 66 | 66 | 16 | 690 | 690 | 690 | 690 | 690 | – | – | – |
| SAK 35 EN | KEMA 97ATEX1798 U | 690 | 109 | 109 | 35 | 690 | 690 | 690 | 690 | 690 | – | – | – |
| **SAK 4 EP/SAKH 6-35 EP** | | | | | | | | | | | | | |
| SAK 4 EP/SW | KEMA05ATEX2061U | 550 | 32 | 32 | 4 | 550 | 550 | 176 | 550 | 550 | – | | |
| SAKH 6 EP/SW | KEMA05ATEX2061U | 1100 | 57 | 57 | 10 | 1100 | 1100 | 176 | 1100 | 1100 | – | | |
| SAKH 10 EP/SW | KEMA05ATEX2061U | 1100 | 57 | 57 | 10 | 1100 | 1100 | 176 | 1100 | 1100 | – | | |
| SAKH 35 EP/SW | KEMA05ATEX2061U | 1100 | 125 | 125 | 35 | 1100 | 1100 | 440 | 1100 | 1100 | – | | |
| **SAKK ...** | | | | | | | | | | | | | |
| SAKK 4 | SIRA 03 ATEX3425 U | 275 | 28 | 28 | 4 | 275 | 275 | – | 275 | 275 | – | | |
| SAKK 10 | SIRA 03 ATEX3425 U | 275 | 50 | 50 | 10 | 275 | 275 | – | 275 | 275 | – | | |
| **W ...** | | | | | | | | | | | | | |
| WDK 1.5/R3.5 | KEMA 99ATEX6545 U | 275 | 14 | 11 | 1.5 | 176 | 275 | – | – | – | – | – | – |
| WDK 2.5 | KEMA 98ATEX1687 U | 275 | 21 | 21 | 2.5 | 275 | 275 | 60 | 275 | 275 | 60 | – | – |
| WDK 2.5V | KEMA 98ATEX1687 U | 275 | 21 | 21 | 2.5 | 275 | 275 | 60 | 275 | 275 | 60 | – | – |
| WDK 2.5DU-PE | KEMA 98ATEX1687 U | 275 | 21 | 21 | 2.5 | 275 | 275 | 60 | 275 | 275 | 60 | – | – |
| WDK 2.5/EX | KEMA 98ATEX1687 U | 440 | 24 | 22 | 2.5 | 440 | 440 | 176 | 440 | 440 | 176 | – | – |
| WDK 2.5N | KEMA 00ATEX2061 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 275 | 550 | 550 | 275 | – | – |
| WDK 2.5N V | KEMA 00ATEX2061 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 275 | 550 | 550 | 275 | – | – |
| WDK 4N | KEMA 00ATEX2061 U | 550 | 28 | 28 | 4 | 550 | 550 | 275 | 550 | 550 | 275 | – | – |
| WDK 4N V | KEMA 00ATEX2061 U | 550 | 28 | 28 | 4 | 550 | 550 | 275 | 550 | 550 | 275 | – | – |
| WDU 1.5/ZZ | KEMA 98ATEX1685 U | 550 | 15 | 15 | 1.5 | 550 | 550 | 110 | 550 | 550 | 110 | 110 | – |
| WDU 2.5/1.5/ZR | KEMA 98ATEX1685 U | 550 | 15 | 15 | 1.5 | 550 | 550 | 110 | 550 | 550 | 110 | 110 | – |
| WDU 1.5/R3.5 | KEMA 99ATEX6545 U | 275 | 15 | 11 | 1.5 | 176 | 275 | – | – | – | – | – | – |
| WDU 2.5N | KEMA 98ATEX1683 U | 440 | 21 | 21 | 2.5 | 440 | 440 | 110 | 440 | 440 | 110 | – | – |
| WDU 2.5 | KEMA 98ATEX1683 U | 550 | 21 | 21 | 2.5 | 550 | 550 | 110 | 440 | 550 | 110 | 110 [2] | 60 [3] |
| WDU 4 | KEMA 98ATEX1683 U | 690 | 28 | 28 | 4 | 690 | 690 | 110 | 440 | 690 | 110 | – | – |
| WDU 4N | TÜV 04ATEX2630 U | 440 | 27 | 27 | 4 | 440 | 275 | 69 | 440 | 440 | 69 | 69 | – |
| WDU 6 | KEMA 98ATEX1683 U | 550 | 36 | 36 | 6 | 550 | 550 | 110 | 440 | 550 | 110 | – | – |
| WDU 10 | KEMA 98ATEX1683 U | 550 | 50 | 50 | 10 | 550 | 550 | 110 | 440 | 550 | 110 | – | – |
| WDU 16 | KEMA 98ATEX1683 U | 690 | 66 | 66 | 16 | 690 | 690 | 110 | 690 | 690 | 110 | – | – |
| WDU 35 | KEMA 98ATEX1683 U | 690 | 109 | 109 | 35 | 690 | 690 | 110 | 690 | 690 | 110 | – | – |
| WDU 50N | KEMA 98ATEX1683 U | 690 | 126 | 126 | 50 | 550 | – | – | 550 | 550 | – | – | – |
| WDU 70N | KEMA 98ATEX1683 U | 690 | 167 | 167 | 70 | 550 | – | – | 550 | 550 | – | – | – |
| WDU 70/95 | KEMA 98ATEX1686 U | 690 | 202 | 202 | 95 | 690 | – | – | 690 | 690 | – | – | – |

[1] Please refer to the catalogue and the certificate for details of precisely which article is approved.
[4] For PDU2.5/4 and ZQV 2.5 cross-connection: 25 A; For PDU 6/10 and ZQV 6N cross-connection: 37 A

[2] The outer cross-connection openings must be used for type ZQV.
[3] Only possible with ZQV.

## Maximum voltage

| Range [1] | Certificate No. | Rated voltage | Rated current | Rated current with QV | Nominal cross-section | Maximum voltage / V (letters refer to the above diagrams) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W... | | / V | / A | / A | / mm² | A | C | D | E | F | G | H | I |
| WDU 95N/120N | KEMA 98ATEX1683 U | 880 | 243 | 243 | 120 | 880 | – | | 880 | 880 | – | – | – |
| WDU 120/150 | KEMA 98ATEX1686 U | 1100 | 234 | 234 | 120 | 1100 | – | – | 1100 | 1100 | – | – | – |
| WDU 240 | KEMA 01ATEX2186 U | 1100 | 350 | 270 | 240 | – | – | – | – | – | – | – | – |
| WDU 4 SL | SIRA 02ATEX3242 U | 275 | 28 | 28 | 4 | 275 | 275 | 176 | 275 | 275 | 176 | 176 | – |
| WDU 6 SL | SIRA 02ATEX3242 U | 275 | 36 | 36 | 6 | 275 | 275 | 176 | 275 | 275 | 176 | 176 | – |
| WDU 10 SL | SIRA 02ATEX3242 U | 275 | 50 | 50 | 10 | 275 | 275 | 176 | 275 | 275 | 176 | 176 | – |
| **Z ...** | | | | | | | | | | | | | |
| ZDK 2.5/1.5 | KEMA 97ATEX4677 U | 275 | 18 | 18 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDK 2.5/1.5V | KEMA 97ATEX4677 U | 420 | 20 | 19 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDK 2.5/1.5NDU | KEMA 97ATEX4677 U | 275 | 20 | 20 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDK 2.5/1.5NPE | KEMA 97ATEX4677 U | 275 | 20 | 20 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDK 2.5/1.5DU-PE | KEMA 97ATEX4677 U | 275 | 20 | 20 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDK 2.5-2 | KEMA 97ATEX4677 U | 550 | 20 | 18 | 2.5 | 440 | 440 | 275 | 440 | 440 | 275 | – | – |
| ZDK 2.5-2V | KEMA 97ATEX4677 U | 550 | 22 | 18 | 2.5 | 440 | 440 | 275 | 440 | 440 | 275 | – | – |
| ZDK 2.5-2DU-PE | KEMA 97ATEX4677 U | 550 | 20 | 18 | 2.5 | 440 | 440 | 275 | 440 | 440 | 275 | – | – |
| ZDK 2.5/3AN | KEMA 06ATEX0271U | 550 | 21.5 | 21 | 2.5 | 275 | 275 | 275 | 275 | 275 | – | – | – |
| ZDK 2.5/3AN V | KEMA 06ATEX0271U | 550 | 21 | 18.5 | 2.5 | 275 | 275 | 275 | 275 | 275 | – | – | – |
| ZDK 2.5/3AN DU-PE | KEMA 06ATEX0271U | 550 | 21 | 21 | 2.5 | 275 | 275 | 275 | 275 | 275 | – | – | – |
| ZDU 1.5 | KEMA 01ATEX2106 U | 550 | 15 | 15 | 1.5 | 275 | 275 | 176 | 275 | 275 | 176 | 176 | – |
| ZDU 1.5/3AN | KEMA 01ATEX2106 U | 550 | 15 | 15 | 1.5 | 275 | 275 | 176 | 275 | 275 | 176 | 176 | – |
| ZDU 1.5/4AN | KEMA 01ATEX2106 U | 550 | 15 | 15 | 1.5 | 275 | 275 | 176 | 275 | 275 | 176 | 176 | – |
| ZDU 2.5 | KEMA 97ATEX2521 U | 550 | 21 | 21 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | 60 | – |
| ZDU 2.5/3AN | KEMA 97ATEX2521 U | 550 | 21 | 21 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDU 2.5/4AN | KEMA 97ATEX2521 U | 550 | 21 | 21 | 2.5 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDU 2.5N | KEMA 06ATEX0271U | 550 | 20.5 | 19 | 2.5 | 440 | 550 | 275 | 440 | 440 | – | – | – |
| ZDU 2.5N/3AN | KEMA 06ATEX0271U | 550 | 21.5 | 21 | 2.5 | 440 | 550 | 275 | 440 | 440 | – | – | – |
| ZDU 2.5N/4AN | KEMA 06ATEX0271U | 550 | 21 | 20 | 2.5 | 440 | 550 | 275 | 440 | 440 | – | – | – |
| ZDU 4 | KEMA 97ATEX2521 U | 550 | 28 | 28 | 4 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDU 4/3AN | KEMA 00ATEX2107 U | 550 | 28 | 28 | 4 | 550 | 550 | 275 | – | – | – | – | – |
| ZDU 4/4AN | KEMA 00ATEX2107 U | 550 | 28 | 28 | 4 | 550 | 550 | 275 | – | – | – | – | – |
| ZDU 6 | KEMA 97ATEX2521 U | 550 | 36 | 36 | 6 | 275 | 275 | 275 | 275 | 275 | 275 | – | – |
| ZDU 6/3AN | KEMA 00ATEX2107 U | 550 | 36 | 36 | 6 | 550 | 550 | 275 | – | – | – | – | – |
| ZDU 10 | KEMA 99ATEX5514 U | 550 | 50 | 50 | 10 | 550 | – | – | – | – | – | – | – |
| ZDU 10/3AN | KEMA 00ATEX2107 U | 550 | 50 | 50 | 10 | 550 | 550 | – | – | – | – | – | – |
| ZDU 16 | KEMA 99ATEX5514 U | 550 | 66 | 66 | 16 | 550 | – | – | – | – | – | – | – |
| ZDU 35 | KEMA 00ATEX2107 U | 690 | 109 | 100 | 35 | 550 | 550 | – | 550 | 550 | – | – | – |
| ZDU 2.5-2/2AN | KEMA 97ATEX4677 U | 550 | 21 | 20 | 2.5 | 440 | 440 | 275 | 440 | – | 275 | 176 | |
| ZDU 2.5-2/3AN | KEMA 97ATEX4677 U | 550 | 21 | 21 | 2.5 | 440 | 440 | 275 | 440 | – | 275 | 176 | – |
| ZDU 2.5-2/4AN | KEMA 97ATEX4677 U | 550 | 21 | 21 | 2.5 | 440 | 440 | 275 | 440 | – | 275 | 176 | – |
| ZDU 4-2/2AN | KEMA 97ATEX4677 U | 550 | 28 | 26 | 4 | 440 | 440 | 275 | 440 | – | 275 | 110 | – |
| ZDU 4-2/3AN | KEMA 97ATEX4677 U | 550 | 28 | 26 | 4 | 440 | 440 | 275 | 440 | – | 275 | 110 | – |
| ZDU 4-2/4AN | KEMA 97ATEX4677 U | 550 | 28 | 26 | 4 | 440 | 440 | 275 | 440 | – | 275 | 110 | – |
| ZDU 6-2/2AN | KEMA 97ATEX4677 U | 550 | 36 | 30 | 6 | 440 | 440 | 110 | 440 | – | 110 | – | – |
| ZDU 6-2/3AN | KEMA 97ATEX4677 U | 550 | 36 | 36 | 6 | 440 | 440 | 110 | 440 | – | 110 | – | – |
| ZDUA 2.5-2 | KEMA 97ATEX4678 U | 275 | 20 | 19 | 2.5 | 275 | 275 | 110 | 275 | 275 | 110 | – | – |

[1] Please refer to the catalogue and the certificate for details of precisely which article is approved.

# Index


| | | |
|---|---|---|
| **Index** | Index Type | X.2 |
| | Index Order No. | X.12 |
| | Addresses worldwide | X.24 |

| Type | Order No. | Page |
|---|---|---|
| **A** | | |
| ADAPTER ALU STI-S | 1762440000 | F.39 |
| ADL | 0210800000 | D.158 |
| ADP 1/HP1 1M | 0485200000 | F.15 |
| ADP 2/HP2 1M | 0485300000 | F.15 |
| ADP 3/HP3 1M | 0485400000 | F.15 |
| ADP 4/1000 | 1430760000 | F.15 |
| ADP 4/300 | 1378160000 | F.15 |
| ADP WF10/WF12 | 1780940000 | D.147 |
| ADP WF6/WF8 | 1780930000 | D.144 |
| AK 95 | 0364200000 | F.5 |
| AKE 2.5 | 1303360000 | D.131 |
| AKE 4 | 0380260000 | D.131 |
| AKKU DMS 3 | 9007450000 | F.64 |
| AKZ 1.5 | 0340460000 | D.130 |
| AKZ 1.5 BL | 0340480000 | D.130 |
| AKZ 2.5 | 0697160000 | D.130 |
| AKZ 2.5 BL | 0697180000 | D.130 |
| AKZ 4 | 0294360000 | D.131 |
| AKZ 4 BL | 0294380000 | D.131 |
| AKZ 4/10 | 0359560000 | D.182 |
| AKZ 4/10/BEZ | 0359660000 | D.182 |
| AM 16 | 9204190000 | F.47 |
| AMF 6/10 | 9204180000 | F.47 |
| AP 100 GR | 1773410000 | D.158 |
| AP AKZ1.5 | 0340560000 | D.130 |
| AP AKZ1.5 BL | 0340580000 | D.130 |
| AP AKZ2.5 | 0697360000 | D.130 |
| AP AKZ2.5 BL | 0697380000 | D.130 |
| AP AKZ4 | 0294460000 | D.131 |
| AP AKZ4 BL | 0294480000 | D.131 |
| AP AKZ4 DB | 9537910000 | D.158 |
| AP AKZ4 KRG | 0294420000 | D.158 |
| AP AKZ4 KRS | 0294430000 | D.158 |
| AP DLD2.5 DB | 1784210000 | D.157 |
| AP DLD2.5/PE DB | 1783800000 | D.157 |
| AP DLI2.5 DB | 1783550000 | D.157 |
| AP KDKS1 DB | 9532470000 | D.34 |
| AP MAK2.5 DB | 7917000000 | D.96 |
| AP VLI1.5 DB | 1784150000 | D.96 |
| AP VLI1.5/PE DB | 1784160000 | D.158 |
| AP WMF2.5 | 1142990000 | D.112 |
| AP ZDTR2.5 | 1745420000 | C.67 |
| AP ZDTR2.5 BL | 1798340000 | C.131 |
| AP ZRV1.5 DB | 1698180000 | C.131 |
| AP ZRV2.5 | 1906980000 | C.95 |
| **B** | | |
| BA RC ZPS2.5 | 1908560000 | C.105 |
| BA ZPS2.5 | 1908550000 | C.105 |
| BEST | 1833100000 | D.178 |
| BEST/D | 1878560000 | D.178 |
| BEST/DRBR | 1878570000 | D.178 |
| BEZ-KARTE ADP | 0566700000 | F.15 |
| BFEH 1/WSH | 1082400000 | E.9 |
| BFSC M3X22 SAKT4 | 1319900000 | D.72 |
| BFSC M4X30 | 0267100000 | F.4 |
| BFSC M4X9T | 0103300000 | F.4 |
| BFSC M5X8 Schlitz | 0296700000 | F.3 |
| BK 12 CRN | 0625320000 | D.137 |
| BK 12/E | 7906100000 | D.138 |
| BK 2 CRN | 0624720000 | D.137 |
| BK 2/E | 7906040000 | D.138 |
| BK 3 CRN | 0624920000 | D.137 |
| BK 3/E | 7906060000 | D.138 |
| BK 4 CRN | 0625120000 | D.137 |
| BK 4/E | 7906080000 | D.138 |
| BK 6 CRN | 0625220000 | D.137 |
| BK 6/E | 7906090000 | D.138 |
| BLZ 5.08/04/180 SN OR BX | 1526660000 | D.100 |
| BLZ 5.08/04/180B SN OR BX | 1528960000 | D.100 |
| BLZ 5.08/06/180 SN OR BX | 1526860000 | D.100 |
| BLZ 5.08/06/180B SN OR BX | 1529160000 | D.100 |
| BLZ 5.08/08/180 SN OR BX | 1527060000 | D.100 |
| BLZ 5.08/08/180B SN OR BX | 1529360000 | D.100 |
| BLZ/SL KO SW | 1545710000 | D.100 |
| BLZP 5.08/02/90 SN BK BX | 1948240000 | D.112 |
| BLZP 5.08/02/90 SN OR BX | 1948000000 | D.112 |
| BLZP 5.08/02/90F SN BK BX | 1950040000 | D.112 |
| BLZP 5.08/02/90F SN OR BX | 1949800000 | D.112 |
| BLZP 5.08/04/90 SN BK BX | 1948260000 | D.112 |
| BLZP 5.08/04/90 SN OR BX | 1948020000 | D.112 |
| BLZP 5.08/04/90F SN BK BX | 1950060000 | D.112 |
| BLZP 5.08/04/90F SN OR BX | 1949820000 | D.112 |
| BLZP 5.08/08/90 SN BK BX | 1948300000 | D.112 |
| BLZP 5.08/08/90 SN OR BX | 1948060000 | D.112 |
| BLZP 5.08/08/90F SN BK BX | 1950100000 | D.112 |
| BLZP 5.08/08/90F SN OR BX | 1949860000 | D.112 |
| BLZP 5.08/12/90 SN BK BX | 1948340000 | D.112 |
| BLZP 5.08/12/90 SN OR BX | 1948110000 | D.112 |
| BLZP 5.08/12/90F SN BK BX | 1950140000 | D.112 |
| BLZP 5.08/12/90F SN OR BX | 1949900000 | D.112 |
| BLZP 5.08/16/90 SN BK BX | 1948380000 | D.112 |
| BLZP 5.08/16/90 SN OR BX | 1948150000 | D.112 |
| BLZP 5.08/16/90F SN BK BX | 1950180000 | D.112 |
| BLZP 5.08/16/90F SN OR BX | 1949940000 | D.112 |
| BS 25 IH/BL SAKT1 | 0335400000 | D.71 |
| BS 25 IH/GE SAKT1 | 0335700000 | D.71 |
| BS 25 IH/GN SAKT1 | 0335600000 | D.71 |
| BS 25 IH/GR SAKT1 | 0335300000 | D.71 |
| BS 25 IH/RT SAKT1 | 0335500000 | D.71 |
| BS 25 IH/SW SAKT1 | 0335200000 | D.71 |
| BS 25 IH/VI SAKT1 | 0335800000 | D.71 |
| BS 25 O.IH SAKT1 | 0334700000 | D.71 |
| BS 35/WSH 2 | 1760720000 | E.9 |
| BS 35II KLBUE HOLDER | 1723800000 | E.12 |
| BS 35II KLBUE2X3-8/2X2-6 | 1768020000 | E.12 |
| BS 35II KLBUE3-8 | 1723810000 | E.12 |
| BS 35II KLBUE3-8/2X2-6 | 1749430000 | E.12 |
| BS 35II/KLBUE 4-13.5 | 1723820000 | E.12 |
| BSTB 28/12 BK U 1-12 | 0198800000 | D.137 |
| BSTB 28/12 MK U 1-12 | 0245900000 | D.134 |
| BSTB 28/12/6.35 O 1-12 | 0278500000 | D.134 |
| BSTB 28/12/6.35 U 1-12 | 0245700000 | D.134 |
| BSTB 28/16 MK U 1-16 | 0262200000 | D.135 |
| BSTB 28/2 BK U 1-2 | 0203600000 | D.137 |
| BSTB 28/4 BK U 1-4 | 0197300000 | D.137 |
| BSTB 28/6 BK U 1-6 | 0197500000 | D.137 |
| BSTB 28/6 MK U 1-6 | 0290000000 | D.134 |
| BSTB 28/8 MK U 1-8 | 0290200000 | D.134 |
| BSTO 28/12 BK | 0198700000 | D.137 |
| BSTO 28/12 MK | 0245800000 | D.134 |
| BSTO 28/16 MK 4/16 | 0262100000 | D.135 |
| BSTO 28/2 BK | 0203500000 | D.137 |
| BSTO 28/3 BK | 0203700000 | D.137 |
| BSTO 28/4 BK | 0197200000 | D.137 |
| BSTO 28/4 MK3/4 | 0289300000 | D.134 |
| BSTO 28/6 BK | 0197400000 | D.137 |
| BSTO 28/6 MK | 0289500000 | D.134 |
| BSTO 28/8 MK3/8 | 0284700000 | D.134 |
| BTWZ KLBUE | 1742630000 | E.11 |
| BZT 1 WS 10/5 | 1805490000 | F.30 |
| BZT 1 ZA WS 10/5 | 1805520000 | F.30 |
| BZT 2 WS 10/5 | 1805480000 | F.30 |
| BZT 2 ZA WS 10/5 | 1805530000 | F.30 |
| BZT PRV16 BL 35X15 | 1267930000 | B.40 |
| BZT PRV16 BL 35X7.5 | 1267940000 | B.40 |
| BZT PRV16 SW 35X15 | 1173540000 | B.40 |
| BZT PRV16 SW 35X7.5 | 1173550000 | B.40 |
| BZT PRV4 BL 35X15 | 1267980000 | B.38 |
| BZT PRV4 BL 35X7.5 | 1267990000 | B.38 |
| BZT PRV4 SW 35X15 | 1173590000 | B.38 |
| BZT PRV4 SW 35X7.5 | 1173600000 | B.38 |
| BZT PRV8 BL 35X15 | 1267950000 | B.39 |
| BZT PRV8 BL 35X7.5 | 1267970000 | B.39 |
| BZT PRV8 SW 35X15 | 1173570000 | B.39 |
| BZT PRV8 SW 35X7.5 | 1173580000 | B.39 |
| BZT ZTL6 | 1781140000 | C.68 |
| BZT ZVL1.5 | 1676610000 | C.111 |
| BZT ZVL1.5/O.ZA | 1676620000 | C.111 |
| **C** | | |
| CleanUnit PrintJet II | 1858950000 | F.36 |
| CRIMP-SET PZ 16 | 9025850000 | B.53 |
| CRIMP-SET PZ 6 ROTO | 9028680000 | B.53 |
| CROSS-KEY MASTER | 9918150000 | F.63 |
| CROSS-KEY UNIVERSAL | 9918130000 | F.63 |
| CROSS-KEY UNIVERSAL S | 9918140000 | F.63 |
| CTI 6 | 9006120000 | F.65 |
| CTI 6 G | 9202850000 | F.65 |
| **D** | | |
| D 2 MK5/2 PA/NA | 0244060000 | D.136 |
| D10 KS10 TP | 0141800000 | D.136 |
| D2 KS2 TP | 0134500000 | D.136 |
| D4 KS4 TP | 0140500000 | D.136 |
| D6 KS6 TP | 0140800000 | D.136 |
| DEK 5 BL NEUTRAL | 0473391693 | F.21 |
| DEK 5 BR NEUTRAL | 0473391692 | F.21 |
| DEK 5 FS 1-50 | 0473560001 | F.21 |
| DEK 5 FS 101-150 | 0473560101 | F.21 |
| DEK 5 FS 151-200 | 0473560151 | F.21 |
| DEK 5 FS 201-250 | 0473560201 | F.21 |
| DEK 5 FS 251-300 | 0473560251 | F.21 |
| DEK 5 FS 301-350 | 0473560301 | F.21 |
| DEK 5 FS 351-400 | 0473560351 | F.21 |
| DEK 5 FS 401-450 | 0473560401 | F.21 |
| DEK 5 FS 451-500 | 0473560451 | F.21 |
| DEK 5 FS 501-550 | 0473560501 | F.21 |
| DEK 5 FS 51-100 | 0473560051 | F.21 |
| DEK 5 FS 551-600 | 0473560551 | F.21 |
| DEK 5 FS 601-650 | 0473560601 | F.21 |
| DEK 5 FS 651-700 | 0473560651 | F.21 |
| DEK 5 FS 701-750 | 0473560701 | F.21 |
| DEK 5 FS 751-800 | 0473560751 | F.21 |
| DEK 5 FS 801-850 | 0473560801 | F.21 |
| DEK 5 FS 851-900 | 0473560851 | F.21 |
| DEK 5 FS 901-950 | 0473560901 | F.21 |
| DEK 5 FS 951-999 | 0473560951 | F.21 |
| DEK 5 FSZ 1-10 | 0460660001 | F.21 |
| DEK 5 FSZ 11-20 | 0460660011 | F.21 |
| DEK 5 FSZ 21-30 | 0460660021 | F.21 |
| DEK 5 FSZ 31-40 | 0460660031 | F.21 |
| DEK 5 FSZ 41-50 | 0460660041 | F.21 |
| DEK 5 FSZ 51-60 | 0460660051 | F.21 |
| DEK 5 FSZ 61-70 | 0460660061 | F.21 |
| DEK 5 FSZ 71-80 | 0460660071 | F.21 |
| DEK 5 FSZ 81-90 | 0460660081 | F.21 |
| DEK 5 FSZ 91-100 | 0460660091 | F.21 |
| DEK 5 FW 1-50 | 0473460001 | F.21 |
| DEK 5 FW 1,3,5,...99 | 1358460000 | F.21 |
| DEK 5 FW 10-500 | 0132660010 | F.21 |
| DEK 5 FW 101-150 | 0473460101 | F.21 |
| DEK 5 FW 151-200 | 0473460151 | F.21 |
| DEK 5 FW 2,4,...100 | 1358560000 | F.21 |
| DEK 5 FW 201-250 | 0473460201 | F.21 |
| DEK 5 FW 251-300 | 0473460251 | F.21 |
| DEK 5 FW 301-350 | 0473460301 | F.21 |
| DEK 5 FW 351-400 | 0473460351 | F.21 |
| DEK 5 FW 401-450 | 0473460401 | F.21 |
| DEK 5 FW 451-500 | 0473460451 | F.21 |
| DEK 5 FW 501-550 | 0473460501 | F.21 |
| 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 |
| DEK 5 FW 701-750 | 0473460701 | F.21 |
| DEK 5 FW 751-800 | 0473460751 | F.21 |
| DEK 5 FW 801-850 | 0473460801 | F.21 |
| DEK 5 FW 851-900 | 0473460851 | F.21 |
| DEK 5 FW 901-950 | 0473460901 | F.21 |
| DEK 5 FW 951-999 | 0473460951 | F.21 |
| DEK 5 FW U1-PE1 | 0133161114 | F.21 |
| DEK 5 FW U2-PE2 | 0133161115 | F.21 |
| DEK 5 FW U3-PE3 | 0133161116 | F.21 |
| DEK 5 FW U4-PE4 | 0133161117 | F.21 |
| DEK 5 FW U5-PE5 | 0133161118 | F.21 |
| DEK 5 FW U6-PE6 | 0133161119 | F.21 |
| DEK 5 FW U7-PE7 | 0133161120 | F.21 |
| DEK 5 FW U8-PE8 | 0133161121 | F.21 |
| DEK 5 FW U9-PE9 | 0133161122 | F.21 |
| DEK 5 FW X1-Z1 | 0133261150 | F.21 |
| DEK 5 FW X10-Z10 | 0133261159 | F.21 |
| DEK 5 FW X2-Z2 | 0133261151 | F.21 |
| DEK 5 FW X3-Z3 | 0133261152 | F.21 |
| DEK 5 FW X4-Z4 | 0133261153 | F.21 |
| DEK 5 FW X5-Z5 | 0133261154 | F.21 |
| DEK 5 FW X6-Z6 | 0133261155 | F.21 |
| DEK 5 FW X7-Z7 | 0133261156 | F.21 |
| DEK 5 FW X8-Z8 | 0133261157 | F.21 |
| DEK 5 FW X9-Z9 | 0133261158 | F.21 |
| DEK 5 FWZ 1-10 | 0523060001 | F.21 |
| DEK 5 FWZ 1-9 | 1572000000 | F.21 |
| DEK 5 FWZ 1,3,5-19 | 0235860000 | F.21 |
| DEK 5 FWZ 11-20 | 0523060011 | F.21 |
| DEK 5 FWZ 2,4,6-20 | 0236160000 | F.21 |
| DEK 5 FWZ 21-30 | 0523060021 | F.21 |
| DEK 5 FWZ 21,23,25-39 | 0235960000 | F.21 |
| DEK 5 FWZ 22,24,26-40 | 0236260000 | F.21 |
| DEK 5 FWZ 31-40 | 0523060031 | F.21 |
| DEK 5 FWZ 41-50 | 0523060041 | F.21 |
| DEK 5 FWZ 41,43,45-59 | 0236060000 | F.21 |
| DEK 5 FWZ 42,44,46-60 | 0236360000 | F.21 |
| DEK 5 FWZ 51-60 | 0523060051 | F.21 |
| DEK 5 FWZ 61-70 | 0523060061 | F.21 |
| DEK 5 FWZ 71-80 | 0523060071 | F.21 |
| DEK 5 FWZ 81-90 | 0523060081 | F.21 |
| DEK 5 FWZ 91-100 | 0523060091 | F.21 |
| DEK 5 FWZ L1-EIK | 0354361203 | F.21 |
| DEK 5 FWZ L1-PE | 0354361187 | F.21 |
| DEK 5 FWZ U,V,W,N,PE | 0558360000 | F.21 |
| DEK 5 GE NEUTRAL | 0473391687 | F.21 |
| DEK 5 GN NEUTRAL | 0473391688 | F.21 |
| DEK 5 GR NEUTRAL | 0473391691 | F.21 |
| DEK 5 GS A | 0132961021 | F.21 |
| DEK 5 GS B | 0132961022 | F.21 |
| DEK 5 GS C | 0132961023 | F.21 |
| DEK 5 GS D | 0132961024 | F.21 |
| DEK 5 GS E | 0132961025 | F.21 |
| DEK 5 GS ERDE | 0157261202 | F.21 |
| DEK 5 GS ERDE IM KREIS | 0157261203 | F.21 |
| DEK 5 GS F | 0132961026 | F.21 |
| DEK 5 GS G | 0132961027 | F.21 |
| DEK 5 GS H | 0132961028 | F.21 |
| DEK 5 GS I | 0132961029 | F.21 |
| DEK 5 GS J | 0132961030 | F.21 |
| DEK 5 GS K | 0132961031 | F.21 |
| DEK 5 GS L | 0132961032 | F.21 |
| DEK 5 GS M | 0132961033 | F.21 |
| DEK 5 GS N | 0132961034 | F.21 |
| DEK 5 GS O | 0132961035 | F.21 |
| DEK 5 GS P | 0132961036 | F.21 |
| DEK 5 GS PE | 0157261187 | F.21 |
| DEK 5 GS Q | 0132961037 | F.21 |
| DEK 5 GS R | 0132961038 | F.21 |
| DEK 5 GS S | 0132961039 | F.21 |
| DEK 5 GS T | 0132961040 | F.21 |
| DEK 5 GS U | 0132961041 | F.21 |
| DEK 5 GS V | 0132961042 | F.21 |
| DEK 5 GS W | 0132961043 | F.21 |
| DEK 5 GS X | 0132961044 | F.21 |
| DEK 5 GS Y | 0132961045 | F.21 |
| DEK 5 GS Z | 0132961046 | F.21 |
| DEK 5 GW | 0576260000 | F.21 |
| DEK 5 GW - | 0576261199 | F.22 |
| DEK 5 GW + | 0576261198 | F.22 |
| DEK 5 GW 1 | 0522660001 | F.21 |
| DEK 5 GW 10 | 0522660010 | F.21 |
| DEK 5 GW 100 | 0522660100 | F.21 |
| DEK 5 GW 101 | 0522660101 | F.21 |
| DEK 5 GW 102 | 0522660102 | F.21 |
| DEK 5 GW 103 | 0522660103 | F.21 |
| DEK 5 GW 104 | 0522660104 | F.21 |
| DEK 5 GW 105 | 0522660105 | F.21 |
| DEK 5 GW 106 | 0522660106 | F.21 |
| DEK 5 GW 107 | 0522660107 | F.21 |
| DEK 5 GW 108 | 0522660108 | F.21 |
| DEK 5 GW 109 | 0522660109 | F.21 |
| DEK 5 GW 11 | 0522660011 | F.21 |
| DEK 5 GW 110 | 0522660110 | F.21 |
| DEK 5 GW 111 | 0522660111 | F.21 |
| DEK 5 GW 112 | 0522660112 | F.21 |
| DEK 5 GW 113 | 0522660113 | F.21 |
| DEK 5 GW 114 | 0522660114 | F.21 |
| DEK 5 GW 115 | 0522660115 | F.21 |
| DEK 5 GW 116 | 0522660116 | F.21 |
| DEK 5 GW 117 | 0522660117 | F.21 |
| DEK 5 GW 118 | 0522660118 | F.21 |
| DEK 5 GW 119 | 0522660119 | F.21 |
| DEK 5 GW 12 | 0522660012 | F.21 |
| DEK 5 GW 120 | 0522660120 | F.21 |
| DEK 5 GW 121 | 0522660121 | F.21 |
| DEK 5 GW 122 | 0522660122 | F.21 |
| DEK 5 GW 123 | 0522660123 | F.21 |
| DEK 5 GW 124 | 0522660124 | F.21 |
| DEK 5 GW 125 | 0522660125 | F.21 |
| DEK 5 GW 126 | 0522660126 | F.21 |
| DEK 5 GW 127 | 0522660127 | F.21 |
| DEK 5 GW 128 | 0522660128 | F.21 |
| DEK 5 GW 129 | 0522660129 | F.21 |
| DEK 5 GW 13 | 0522660013 | F.21 |
| DEK 5 GW 130 | 0522660130 | F.21 |
| DEK 5 GW 131 | 0522660131 | F.21 |
| DEK 5 GW 132 | 0522660132 | F.21 |
| DEK 5 GW 133 | 0522660133 | F.21 |
| DEK 5 GW 134 | 0522660134 | F.21 |
| DEK 5 GW 135 | 0522660135 | F.21 |
| DEK 5 GW 136 | 0522660136 | F.21 |
| DEK 5 GW 137 | 0522660137 | F.21 |
| DEK 5 GW 138 | 0522660138 | F.21 |
| DEK 5 GW 139 | 0522660139 | F.21 |
| DEK 5 GW 14 | 0522660014 | F.21 |
| DEK 5 GW 140 | 0522660140 | F.21 |
| DEK 5 GW 141 | 0522660141 | F.21 |
| DEK 5 GW 142 | 0522660142 | F.21 |
| DEK 5 GW 143 | 0522660143 | F.21 |
| DEK 5 GW 144 | 0522660144 | F.21 |
| DEK 5 GW 145 | 0522660145 | F.21 |
| DEK 5 GW 146 | 0522660146 | F.21 |
| DEK 5 GW 147 | 0522660147 | F.21 |
| DEK 5 GW 148 | 0522660148 | F.21 |
| DEK 5 GW 149 | 0522660149 | F.21 |
| DEK 5 GW 15 | 0522660015 | F.21 |
| DEK 5 GW 150 | 0522660150 | F.21 |
| DEK 5 GW 151 | 0522660151 | F.21 |
| DEK 5 GW 152 | 0522660152 | F.21 |
| DEK 5 GW 153 | 0522660153 | F.21 |
| DEK 5 GW 154 | 0522660154 | F.21 |
| DEK 5 GW 155 | 0522660155 | F.21 |
| DEK 5 GW 156 | 0522660156 | F.21 |
| DEK 5 GW 157 | 0522660157 | F.21 |
| DEK 5 GW 158 | 0522660158 | F.21 |
| DEK 5 GW 159 | 0522660159 | F.21 |
| DEK 5 GW 16 | 0522660016 | F.21 |
| DEK 5 GW 160 | 0522660160 | F.21 |
| DEK 5 GW 161 | 0522660161 | F.21 |
| DEK 5 GW 162 | 0522660162 | F.22 |
| DEK 5 GW 163 | 0522660163 | F.22 |
| DEK 5 GW 164 | 0522660164 | F.22 |
| DEK 5 GW 165 | 0522660165 | F.22 |
| DEK 5 GW 166 | 0522660166 | F.22 |
| DEK 5 GW 167 | 0522660167 | F.22 |
| DEK 5 GW 168 | 0522660168 | F.22 |
| DEK 5 GW 169 | 0522660169 | F.22 |
| DEK 5 GW 17 | 0522660017 | F.21 |
| DEK 5 GW 170 | 0522660170 | F.22 |
| DEK 5 GW 171 | 0522660171 | F.22 |
| DEK 5 GW 172 | 0522660172 | F.22 |
| DEK 5 GW 173 | 0522660173 | F.22 |
| DEK 5 GW 174 | 0522660174 | F.22 |
| DEK 5 GW 175 | 0522660175 | F.22 |
| DEK 5 GW 176 | 0522660176 | F.22 |
| DEK 5 GW 177 | 0522660177 | F.22 |
| DEK 5 GW 178 | 0522660178 | F.22 |
| DEK 5 GW 179 | 0522660179 | F.22 |
| DEK 5 GW 18 | 0522660018 | F.21 |
| DEK 5 GW 180 | 0522660180 | F.22 |
| DEK 5 GW 181 | 0522660181 | F.22 |
| DEK 5 GW 182 | 0522660182 | F.22 |
| DEK 5 GW 183 | 0522660183 | F.22 |
| DEK 5 GW 184 | 0522660184 | F.22 |
| DEK 5 GW 185 | 0522660185 | F.22 |

| Type | Order No. | Page |
|---|---|---|
| DEK 5 GW 186 | 0522660186 | F.22 |
| DEK 5 GW 187 | 0522660187 | F.22 |
| DEK 5 GW 188 | 0522660188 | F.22 |
| DEK 5 GW 189 | 0522660189 | F.22 |
| DEK 5 GW 19 | 0522660019 | F.21 |
| DEK 5 GW 190 | 0522660190 | F.22 |
| DEK 5 GW 191 | 0522660191 | F.22 |
| DEK 5 GW 192 | 0522660192 | F.22 |
| DEK 5 GW 193 | 0522660193 | F.22 |
| DEK 5 GW 194 | 0522660194 | F.22 |
| DEK 5 GW 195 | 0522660195 | F.22 |
| DEK 5 GW 196 | 0522660196 | F.22 |
| DEK 5 GW 197 | 0522660197 | F.22 |
| DEK 5 GW 198 | 0522660198 | F.22 |
| DEK 5 GW 199 | 0522660199 | F.22 |
| DEK 5 GW 2 | 0522660002 | F.21 |
| DEK 5 GW 20 | 0522660020 | F.21 |
| DEK 5 GW 200 | 0522660200 | F.22 |
| DEK 5 GW 21 | 0522660021 | F.21 |
| DEK 5 GW 22 | 0522660022 | F.21 |
| DEK 5 GW 23 | 0522660023 | F.21 |
| DEK 5 GW 24 | 0522660024 | F.21 |
| DEK 5 GW 25 | 0522660025 | F.21 |
| DEK 5 GW 26 | 0522660026 | F.21 |
| DEK 5 GW 27 | 0522660027 | F.21 |
| DEK 5 GW 28 | 0522660028 | F.21 |
| DEK 5 GW 29 | 0522660029 | F.21 |
| DEK 5 GW 3 | 0522660003 | F.21 |
| DEK 5 GW 30 | 0522660030 | F.21 |
| DEK 5 GW 31 | 0522660031 | F.21 |
| DEK 5 GW 32 | 0522660032 | F.21 |
| DEK 5 GW 33 | 0522660033 | F.21 |
| DEK 5 GW 34 | 0522660034 | F.21 |
| DEK 5 GW 35 | 0522660035 | F.21 |
| DEK 5 GW 36 | 0522660036 | F.21 |
| DEK 5 GW 37 | 0522660037 | F.21 |
| DEK 5 GW 38 | 0522660038 | F.21 |
| DEK 5 GW 39 | 0522660039 | F.21 |
| DEK 5 GW 4 | 0522660004 | F.21 |
| DEK 5 GW 40 | 0522660040 | F.21 |
| DEK 5 GW 41 | 0522660041 | F.21 |
| DEK 5 GW 42 | 0522660042 | F.21 |
| DEK 5 GW 43 | 0522660043 | F.21 |
| DEK 5 GW 44 | 0522660044 | F.21 |
| DEK 5 GW 45 | 0522660045 | F.21 |
| DEK 5 GW 46 | 0522660046 | F.21 |
| DEK 5 GW 47 | 0522660047 | F.21 |
| DEK 5 GW 48 | 0522660048 | F.21 |
| DEK 5 GW 49 | 0522660049 | F.21 |
| DEK 5 GW 5 | 0522660005 | F.21 |
| DEK 5 GW 50 | 0522660050 | F.21 |
| DEK 5 GW 51 | 0522660051 | F.21 |
| DEK 5 GW 52 | 0522660052 | F.21 |
| DEK 5 GW 53 | 0522660053 | F.21 |
| DEK 5 GW 54 | 0522660054 | F.21 |
| DEK 5 GW 55 | 0522660055 | F.21 |
| DEK 5 GW 56 | 0522660056 | F.21 |
| DEK 5 GW 57 | 0522660057 | F.21 |
| DEK 5 GW 58 | 0522660058 | F.21 |
| DEK 5 GW 59 | 0522660059 | F.21 |
| DEK 5 GW 6 | 0522660006 | F.21 |
| DEK 5 GW 60 | 0522660060 | F.21 |
| DEK 5 GW 61 | 0522660061 | F.21 |
| DEK 5 GW 62 | 0522660062 | F.21 |
| DEK 5 GW 63 | 0522660063 | F.21 |
| DEK 5 GW 64 | 0522660064 | F.21 |
| DEK 5 GW 65 | 0522660065 | F.21 |
| DEK 5 GW 66 | 0522660066 | F.21 |
| DEK 5 GW 67 | 0522660067 | F.21 |
| DEK 5 GW 68 | 0522660068 | F.21 |
| DEK 5 GW 69 | 0522660069 | F.21 |
| DEK 5 GW 7 | 0522660007 | F.21 |
| DEK 5 GW 70 | 0522660070 | F.21 |
| DEK 5 GW 71 | 0522660071 | F.21 |
| DEK 5 GW 72 | 0522660072 | F.21 |
| DEK 5 GW 73 | 0522660073 | F.21 |
| DEK 5 GW 74 | 0522660074 | F.21 |
| DEK 5 GW 75 | 0522660075 | F.21 |
| DEK 5 GW 76 | 0522660076 | F.21 |
| DEK 5 GW 77 | 0522660077 | F.21 |
| DEK 5 GW 78 | 0522660078 | F.21 |
| DEK 5 GW 79 | 0522660079 | F.21 |
| DEK 5 GW 8 | 0522660008 | F.21 |
| DEK 5 GW 80 | 0522660080 | F.21 |
| DEK 5 GW 81 | 0522660081 | F.21 |
| DEK 5 GW 82 | 0522660082 | F.21 |
| DEK 5 GW 83 | 0522660083 | F.21 |
| DEK 5 GW 84 | 0522660084 | F.21 |
| DEK 5 GW 85 | 0522660085 | F.21 |
| DEK 5 GW 86 | 0522660086 | F.21 |
| DEK 5 GW 87 | 0522660087 | F.21 |
| DEK 5 GW 88 | 0522660088 | F.21 |
| DEK 5 GW 89 | 0522660089 | F.21 |
| DEK 5 GW 9 | 0522660009 | F.21 |
| DEK 5 GW 90 | 0522660090 | F.21 |
| DEK 5 GW 91 | 0522660091 | F.21 |
| DEK 5 GW 92 | 0522660092 | F.21 |
| DEK 5 GW 93 | 0522660093 | F.21 |
| DEK 5 GW 94 | 0522660094 | F.21 |

| Type | Order No. | Page |
|---|---|---|
| DEK 5 GW 95 | 0522660095 | F.21 |
| DEK 5 GW 96 | 0522660096 | F.21 |
| DEK 5 GW 97 | 0522660097 | F.21 |
| DEK 5 GW 98 | 0522660098 | F.21 |
| DEK 5 GW 99 | 0522660099 | F.21 |
| DEK 5 GW A | 0522761021 | F.22 |
| DEK 5 GW B | 0522761022 | F.22 |
| DEK 5 GW BL/SW - | 0576291741 | F.22 |
| DEK 5 GW C | 0522761023 | F.22 |
| DEK 5 GW D | 0522761024 | F.22 |
| DEK 5 GW E | 0522761025 | F.22 |
| DEK 5 GW ERDE | 0576261202 | F.22 |
| DEK 5 GW ERDE I.KR. | 0576261203 | F.22 |
| DEK 5 GW F | 0522761026 | F.22 |
| DEK 5 GW G | 0522761027 | F.22 |
| DEK 5 GW H | 0522761028 | F.22 |
| DEK 5 GW I | 0522761029 | F.22 |
| DEK 5 GW J | 0522761030 | F.22 |
| DEK 5 GW K | 0522761031 | F.22 |
| DEK 5 GW L | 0522761032 | F.22 |
| DEK 5 GW L1 | 0522361075 | F.22 |
| DEK 5 GW L2 | 0522361076 | F.22 |
| DEK 5 GW L3 | 0522361077 | F.22 |
| DEK 5 GW M | 0522761033 | F.22 |
| DEK 5 GW Mp | 0537261235 | F.22 |
| DEK 5 GW N | 0522761034 | F.22 |
| DEK 5 GW O | 0522761035 | F.22 |
| DEK 5 GW P | 0522761036 | F.22 |
| DEK 5 GW PE | 0537261187 | F.22 |
| DEK 5 GW PEN | 0537261188 | F.22 |
| DEK 5 GW Q | 0522761037 | F.22 |
| DEK 5 GW R | 0522761038 | F.22 |
| DEK 5 GW RT/SW + | 0576291737 | F.22 |
| DEK 5 GW S | 0522761039 | F.22 |
| DEK 5 GW T | 0522761040 | F.22 |
| DEK 5 GW U | 0522761041 | F.22 |
| DEK 5 GW V | 0522761042 | F.22 |
| DEK 5 GW W | 0522761043 | F.22 |
| DEK 5 GW W-STROM | 0576261215 | F.22 |
| DEK 5 GW X | 0522761044 | F.22 |
| DEK 5 GW Y | 0522761045 | F.22 |
| DEK 5 GW Z | 0522761046 | F.22 |
| DEK 5 NEUTRAL | 0473360000 | F.22 |
| DEK 5 OR NEUTRAL | 0473391690 | F.22 |
| DEK 5 RT NEUTRAL | 0473391686 | F.22 |
| DEK 5 SW NEUTRAL | 0473391694 | F.22 |
| DEK 5 VI NEUTRAL | 0473391689 | F.22 |
| DEK 5/3,5 MC bedruckt | 1767730000 | F.25 |
| DEK 5/3,5 MC FSZ 1-10 | 1762320001 | F.22 |
| DEK 5/3,5 MC FSZ 101-110 | 1762320101 | F.22 |
| DEK 5/3,5 MC FSZ 11-20 | 1762320011 | F.22 |
| DEK 5/3,5 MC FSZ 111-120 | 1762320111 | F.22 |
| DEK 5/3,5 MC FSZ 121-130 | 1762320121 | F.22 |
| DEK 5/3,5 MC FSZ 131-140 | 1762320131 | F.22 |
| DEK 5/3,5 MC FSZ 141-150 | 1762320141 | F.22 |
| DEK 5/3,5 MC FSZ 21-30 | 1762320021 | F.22 |
| DEK 5/3,5 MC FSZ 31-40 | 1762320031 | F.22 |
| DEK 5/3,5 MC FSZ 41-50 | 1762320041 | F.22 |
| DEK 5/3,5 MC FSZ 51-60 | 1762320051 | F.22 |
| DEK 5/3,5 MC FSZ 61-70 | 1762320061 | F.22 |
| DEK 5/3,5 MC FSZ 71-80 | 1762320071 | F.22 |
| DEK 5/3,5 MC FSZ 81-90 | 1762320081 | F.22 |
| DEK 5/3,5 MC FSZ 91-100 | 1762320091 | F.22 |
| DEK 5/3,5 MC GW 0 | 1755281000 | F.22 |
| DEK 5/3,5 MC GW 1 | 1755280001 | F.22 |
| DEK 5/3,5 MC GW 2 | 1755280002 | F.22 |
| DEK 5/3,5 MC GW 3 | 1755280003 | F.22 |
| DEK 5/3,5 MC GW 4 | 1755280004 | F.22 |
| DEK 5/3,5 MC GW 5 | 1755280005 | F.22 |
| DEK 5/3,5 MC GW 6 | 1755280006 | F.22 |
| DEK 5/3,5 MC GW 7 | 1755280007 | F.22 |
| DEK 5/3,5 MC GW 8 | 1755280008 | F.22 |
| DEK 5/3,5 MC GW 9 | 1755280009 | F.22 |
| DEK 5/3,5 MC NEUTRAL | 1755270000 | F.25 |
| DEK 5/30 MC NEUTRAL | 1951920000 | F.33 |
| DEK 5/30 MC SDR | 1025680000 | F.33 |
| DEK 5/5 MC BEDRUCKT | 1609810000 | F.25 |
| DEK 5/5 MC-10 NEUT. BL | 1609801693 | F.25 |
| DEK 5/5 MC-10 NEUT. GE | 1609801687 | F.25 |
| DEK 5/5 MC-10 NEUT. GN | 1609801688 | F.25 |
| DEK 5/5 MC-10 NEUT. GR | 1609801691 | F.25 |
| DEK 5/5 MC-10 NEUT. RT | 1609801686 | F.25 |
| DEK 5/5 MC-10 NEUT. WS | 1609801044 | F.25 |
| DEK 5/5 PLUS MC GE | 1907520000 | F.25 |
| DEK 5/5 PLUS MC NEUTRAL | 1854490000 | F.25 |
| DEK 5/5 PLUS MC SONDERDR. | 1854500000 | F.25 |
| DEK 5/6 MC BEDRUCKT | 1609830000 | F.25 |
| DEK 5/6 MC NEUTRAL | 1609820000 | F.25 |
| DEK 5/6 PLUS MC NE WS | 1011320000 | F.25 |
| DEK 5/6 PLUS MC SDR | 1038650000 | F.25 |
| DEK 5/6,5 MC BEDRUCKT | 1609850000 | F.25 |
| DEK 5/6,5 MC NEUTRAL | 1609840000 | F.25 |
| DEK 5/6.5 PLUS MC NE WS | 1046340000 | F.25 |
| DEK 5/6.5 PLUS MC SDR | 1046360000 | F.25 |
| DEK 5/7.5 MC NEUTRAL | 1720620000 | F.25 |
| DEK 5/7.5 MC SONDERDR. | 1770490000 | F.25 |
| DEK 5/8 MC Neutral | 1856740000 | F.25 |
| DEK 5/8 MC Sonderdruck | 1856750000 | F.25 |
| DEK 5/8 PLUS MC NE WS | 1046350000 | F.25 |

| Type | Order No. | Page |
|---|---|---|
| DEK 5/8 PLUS MC SDR | 1046370000 | F.25 |
| DEK 6 BL NEUTRAL | 0468591693 | F.22 |
| DEK 6 BR NEUTRAL | 0468591692 | F.22 |
| DEK 6 FS 1-50 | 0468760001 | F.22 |
| DEK 6 FS 101-150 | 0468760101 | F.22 |
| DEK 6 FS 151-200 | 0468760151 | F.22 |
| DEK 6 FS 201-250 | 0468760201 | F.22 |
| DEK 6 FS 251-300 | 0468760251 | F.22 |
| DEK 6 FS 301-350 | 0468760301 | F.22 |
| DEK 6 FS 351-400 | 0468760351 | F.22 |
| DEK 6 FS 401-450 | 0468760401 | F.22 |
| DEK 6 FS 451-500 | 0468760451 | F.22 |
| DEK 6 FS 501-550 | 0468760501 | F.22 |
| DEK 6 FS 51-100 | 0468760051 | F.22 |
| DEK 6 FS 551-600 | 0468760551 | F.22 |
| DEK 6 FS 601-650 | 0468760601 | F.22 |
| DEK 6 FS 651-700 | 0468760651 | F.22 |
| DEK 6 FS 701-750 | 0468760701 | F.22 |
| DEK 6 FS 751-800 | 0468760751 | F.22 |
| DEK 6 FS 801-850 | 0468760801 | F.22 |
| DEK 6 FS 851-900 | 0468760851 | F.22 |
| DEK 6 FS 901-950 | 0468760901 | F.22 |
| DEK 6 FS 951-999 | 0468760951 | F.22 |
| DEK 6 FSZ 1-10 | 0133360001 | F.22 |
| DEK 6 FSZ 11-20 | 0133360011 | F.22 |
| DEK 6 FSZ 21-30 | 0133360021 | F.22 |
| DEK 6 FSZ 31-40 | 0133360031 | F.22 |
| DEK 6 FSZ 41-50 | 0133360041 | F.22 |
| DEK 6 FSZ 51-60 | 0133360051 | F.22 |
| DEK 6 FSZ 61-70 | 0133360061 | F.22 |
| DEK 6 FSZ 71-80 | 0133360071 | F.22 |
| DEK 6 FSZ 81-90 | 0133360081 | F.22 |
| DEK 6 FSZ 91-100 | 0133360091 | F.22 |
| DEK 6 FW 1-5 (10X) | 0688660000 | F.22 |
| DEK 6 FW 1-50 | 0468660001 | F.22 |
| DEK 6 FW 1,3,5...99 | 1358660000 | F.22 |
| DEK 6 FW 101-150 | 0468660101 | F.22 |
| DEK 6 FW 151-200 | 0468660151 | F.22 |
| DEK 6 FW 2,4,...100 | 1358760000 | F.22 |
| DEK 6 FW 201-250 | 0468660201 | F.22 |
| DEK 6 FW 251-300 | 0468660251 | F.22 |
| DEK 6 FW 301-350 | 0468660301 | F.22 |
| DEK 6 FW 351-400 | 0468660351 | F.22 |
| DEK 6 FW 401-450 | 0468660401 | F.22 |
| DEK 6 FW 451-500 | 0468660451 | F.22 |
| DEK 6 FW 501-550 | 0468660501 | F.22 |
| DEK 6 FW 51-100 | 0468660051 | F.22 |
| DEK 6 FW 551-600 | 0468660551 | F.22 |
| DEK 6 FW 601-650 | 0468660601 | F.22 |
| DEK 6 FW 651-700 | 0468660651 | F.22 |
| DEK 6 FW 701-750 | 0468660701 | F.22 |
| DEK 6 FW 751-800 | 0468660751 | F.22 |
| DEK 6 FW 801-850 | 0468660801 | F.22 |
| DEK 6 FW 851-900 | 0468660851 | F.22 |
| DEK 6 FW 901-950 | 0468660901 | F.22 |
| DEK 6 FW 951-999 | 0468660951 | F.22 |
| DEK 6 FW L,N,PE | 0632560000 | F.22 |
| DEK 6 FWZ 1-10 | 0518960001 | F.22 |
| DEK 6 FWZ 101-110 | 0518960101 | F.22 |
| DEK 6 FWZ 11-20 | 0518960011 | F.22 |
| DEK 6 FWZ 111-120 | 0518960111 | F.22 |
| DEK 6 FWZ 121-130 | 0518960121 | F.22 |
| DEK 6 FWZ 131-140 | 0518960131 | F.22 |
| DEK 6 FWZ 141-150 | 0518960141 | F.22 |
| DEK 6 FWZ 151-160 | 0518960151 | F.22 |
| DEK 6 FWZ 161-170 | 0518960161 | F.22 |
| DEK 6 FWZ 171-180 | 0518960171 | F.22 |
| DEK 6 FWZ 181-190 | 0518960181 | F.22 |
| DEK 6 FWZ 191-200 | 0518960191 | F.22 |
| DEK 6 FWZ 201-210 | 0518960201 | F.22 |
| DEK 6 FWZ 21-30 | 0518960021 | F.22 |
| DEK 6 FWZ 31-40 | 0518960031 | F.22 |
| DEK 6 FWZ 41-50 | 0518960041 | F.22 |
| DEK 6 FWZ 51-60 | 0518960051 | F.22 |
| DEK 6 FWZ 61-70 | 0518960061 | F.22 |
| DEK 6 FWZ 71-80 | 0518960071 | F.22 |
| DEK 6 FWZ 81-90 | 0518960081 | F.22 |
| DEK 6 FWZ 91-100 | 0518960091 | F.22 |
| DEK 6 FWZ L1-ERDE I.KRE | 0631961203 | F.22 |
| DEK 6 FWZ L1-PE | 0631961187 | F.22 |
| DEK 6 FWZ R,S,T,N,ERDE | 0631860000 | F.22 |
| DEK 6 GE NEUTRAL | 0468591687 | F.22 |
| DEK 6 GN NEUTRAL | 0468591688 | F.22 |
| DEK 6 GR NEUTRAL | 0468591691 | F.22 |
| DEK 6 GW - | 1318061199 | F.23 |
| DEK 6 GW + | 1318061198 | F.23 |
| DEK 6 GW 0 | 0526961000 | F.22 |
| DEK 6 GW 1 | 0526960001 | F.22 |
| DEK 6 GW 10 | 0526960010 | F.22 |
| DEK 6 GW 100 | 0526960100 | F.23 |
| DEK 6 GW 11 | 0526960011 | F.22 |
| DEK 6 GW 12 | 0526960012 | F.22 |
| DEK 6 GW 13 | 0526960013 | F.22 |
| DEK 6 GW 14 | 0526960014 | F.22 |
| DEK 6 GW 15 | 0526960015 | F.22 |
| DEK 6 GW 16 | 0526960016 | F.22 |
| DEK 6 GW 17 | 0526960017 | F.22 |
| DEK 6 GW 18 | 0526960018 | F.22 |
| DEK 6 GW 19 | 0526960019 | F.22 |

| Type | Order No. | Page |
|---|---|---|
| DEK 6 GW 2 | 0526960002 | F.22 |
| DEK 6 GW 20 | 0526960020 | F.22 |
| DEK 6 GW 21 | 0526960021 | F.22 |
| DEK 6 GW 22 | 0526960022 | F.22 |
| DEK 6 GW 23 | 0526960023 | F.22 |
| DEK 6 GW 24 | 0526960024 | F.22 |
| DEK 6 GW 25 | 0526960025 | F.22 |
| DEK 6 GW 26 | 0526960026 | F.22 |
| DEK 6 GW 27 | 0526960027 | F.22 |
| DEK 6 GW 28 | 0526960028 | F.22 |
| DEK 6 GW 29 | 0526960029 | F.22 |
| DEK 6 GW 3 | 0526960003 | F.22 |
| DEK 6 GW 30 | 0526960030 | F.22 |
| DEK 6 GW 31 | 0526960031 | F.22 |
| DEK 6 GW 32 | 0526960032 | F.22 |
| DEK 6 GW 33 | 0526960033 | F.22 |
| DEK 6 GW 34 | 0526960034 | F.22 |
| DEK 6 GW 35 | 0526960035 | F.22 |
| DEK 6 GW 36 | 0526960036 | F.22 |
| DEK 6 GW 37 | 0526960037 | F.22 |
| DEK 6 GW 38 | 0526960038 | F.22 |
| DEK 6 GW 39 | 0526960039 | F.22 |
| DEK 6 GW 4 | 0526960004 | F.22 |
| DEK 6 GW 40 | 0526960040 | F.22 |
| DEK 6 GW 41 | 0526960041 | F.22 |
| DEK 6 GW 42 | 0526960042 | F.22 |
| DEK 6 GW 43 | 0526960043 | F.22 |
| DEK 6 GW 44 | 0526960044 | F.22 |
| DEK 6 GW 45 | 0526960045 | F.22 |
| DEK 6 GW 46 | 0526960046 | F.22 |
| DEK 6 GW 47 | 0526960047 | F.22 |
| DEK 6 GW 48 | 0526960048 | F.22 |
| DEK 6 GW 49 | 0526960049 | F.22 |
| DEK 6 GW 5 | 0526960005 | F.22 |
| DEK 6 GW 50 | 0526960050 | F.22 |
| DEK 6 GW 51 | 0526960051 | F.22 |
| DEK 6 GW 52 | 0526960052 | F.22 |
| DEK 6 GW 53 | 0526960053 | F.22 |
| DEK 6 GW 54 | 0526960054 | F.22 |
| DEK 6 GW 55 | 0526960055 | F.22 |
| DEK 6 GW 56 | 0526960056 | F.22 |
| DEK 6 GW 57 | 0526960057 | F.22 |
| DEK 6 GW 58 | 0526960058 | F.22 |
| DEK 6 GW 59 | 0526960059 | F.22 |
| DEK 6 GW 6 | 0526960006 | F.22 |
| DEK 6 GW 60 | 0526960060 | F.22 |
| DEK 6 GW 61 | 0526960061 | F.22 |
| DEK 6 GW 62 | 0526960062 | F.22 |
| DEK 6 GW 63 | 0526960063 | F.22 |
| DEK 6 GW 64 | 0526960064 | F.22 |
| DEK 6 GW 65 | 0526960065 | F.22 |
| DEK 6 GW 66 | 0526960066 | F.22 |
| DEK 6 GW 67 | 0526960067 | F.22 |
| DEK 6 GW 68 | 0526960068 | F.22 |
| DEK 6 GW 69 | 0526960069 | F.22 |
| DEK 6 GW 7 | 0526960007 | F.22 |
| DEK 6 GW 70 | 0526960070 | F.22 |
| DEK 6 GW 71 | 0526960071 | F.22 |
| DEK 6 GW 72 | 0526960072 | F.22 |
| DEK 6 GW 73 | 0526960073 | F.22 |
| DEK 6 GW 74 | 0526960074 | F.22 |
| DEK 6 GW 75 | 0526960075 | F.22 |
| DEK 6 GW 76 | 0526960076 | F.22 |
| DEK 6 GW 77 | 0526960077 | F.22 |
| DEK 6 GW 78 | 0526960078 | F.22 |
| DEK 6 GW 79 | 0526960079 | F.22 |
| DEK 6 GW 8 | 0526960008 | F.22 |
| DEK 6 GW 80 | 0526960080 | F.22 |
| DEK 6 GW 81 | 0526960081 | F.22 |
| DEK 6 GW 82 | 0526960082 | F.22 |
| DEK 6 GW 83 | 0526960083 | F.22 |
| DEK 6 GW 84 | 0526960084 | F.22 |
| DEK 6 GW 85 | 0526960085 | F.22 |
| DEK 6 GW 86 | 0526960086 | F.22 |
| DEK 6 GW 87 | 0526960087 | F.22 |
| DEK 6 GW 88 | 0526960088 | F.22 |
| DEK 6 GW 89 | 0526960089 | F.22 |
| DEK 6 GW 9 | 0526960009 | F.22 |
| DEK 6 GW 90 | 0526960090 | F.22 |
| DEK 6 GW 91 | 0526960091 | F.22 |
| DEK 6 GW 92 | 0526960092 | F.22 |
| DEK 6 GW 93 | 0526960093 | F.22 |
| DEK 6 GW 94 | 0526960094 | F.22 |
| DEK 6 GW 95 | 0526960095 | F.23 |
| DEK 6 GW 96 | 0526960096 | F.23 |
| DEK 6 GW 97 | 0526960097 | F.23 |
| DEK 6 GW 98 | 0526960098 | F.23 |
| DEK 6 GW 99 | 0526960099 | F.23 |
| DEK 6 GW BL/SW - | 1318091741 | F.23 |
| DEK 6 GW ERDE | 1318061202 | F.23 |
| DEK 6 GW ERDE I.KR. | 1318061203 | F.23 |
| DEK 6 GW PE | 1318061187 | F.23 |
| DEK 6 GW RT/SW + | 1318091737 | F.23 |
| DEK 6 NEUTRAL | 0468560000 | F.23 |
| DEK 6 OR NEUTRAL | 0468591690 | F.23 |
| DEK 6 RT NEUTRAL | 0468591686 | F.23 |
| DEK 6 SW NEUTRAL | 0468591694 | F.23 |
| DEK 6 VI NEUTRAL | 0468591689 | F.23 |
| DEK 6,5 FS 1-50 | 0468260001 | F.23 |

| Type | Order No. | Page |
|---|---|---|
| DEK 6,5 FS 101-150 | 0468260101 | F.23 |
| 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 |
| DEK 6,5 FW 301-350 | 0468160301 | F.23 |
| 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 I.KR | 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 | D.94 |
| DLA 2.5/D DB | 1783590000 | D.94 |
| DLA 2.5/LD-GN/D DB | 1783630000 | D.95 |
| DLA 2.5/LD-RT DB | 1783600000 | D.95 |
| DLD 2.5 DB | 1784180000 | D.92 |
| DLD 2.5/PE DB | 1783790000 | D.92 |
| DLI 2.5 DB | 1783820000 | D.93 |
| DLI 2.5/LD-GN/NPN -+ DB | 1783940000 | D.93 |
| DLI 2.5/LD-GN/PNP +- DB | 1783970000 | D.93 |
| DLI 2.5/LD-RT/NPN -+ DB | 1783950000 | D.93 |
| DLI 2.5/LD-RT/PNP +- DB | 1783980000 | D.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 |
| DMS MANUELL 2,0-8,0 | 9918380000 | F.61 |
| DMSI MANUELL 0,5-1,7 | 9918390000 | F.62 |
| DMSI MANUELL 2,0-8,0 | 9918400000 | F.62 |
| DS 13.5 WTL6/4FF | 1897000000 | D.76 |

## E

| Type | Order No. | Page |
|---|---|---|
| E 14/10A RT | 0328400000 | D.48 |
| E 14/16A GR | 0328500000 | D.52 |
| E 14/2A RS | 0137400000 | D.48 |
| E 14/4A BR | 0137500000 | D.48 |
| E 14/6A GN | 0328300000 | D.48 |
| E 16/10A RT TNDZ | 0208500000 | D.48 |
| E 16/16A GR TNDZ | 0208600000 | D.48 |
| E 16/20A BL TNDZ | 0208700000 | D.48 |
| E 16/25A GE TNDZ | 0208800000 | D.48 |
| E 18/20A BL | 0361300000 | D.49 |
| E 18/25A GE | 0361400000 | D.49 |
| E 18/35A SW | 0361500000 | D.49 |
| E 18/50A WS | 0361600000 | D.52 |
| E 18/63A KU | 0361700000 | D.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 10² SPX 4 | 1119030000 | F.48 |
| ERME 16² 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 |
| ESO 15 BOGEN DIN A4 | 1636510000 | F.34 |
| ESO 5 DIN A4 GELB BOG. | 1631350000 | F.31 |
| ESO 5 DIN A4 WEISS BOG. | 1607710000 | F.31 |
| ESO 5 POLY.GELB A4-BOG. | 1670380000 | F.31 |
| ESO 5 POLY.WEISS A4-BOG. | 1670370000 | F.31 |
| ESO 5 S DIN A4-BOGEN | 1631920000 | F.31 |
| ESO 7 A4-BOGEN GELB | 1634780000 | F.31 |
| ESO 7 A4-BOGEN WEISS | 1607720000 | F.31 |
| ESO 7 POLY.GELB A4-BOG. | 1670400000 | F.31 |
| ESO 7 POLY.WEISS A4-BOG. | 1670390000 | F.31 |
| ETA 1170 21 10A | 1278790000 | C.63 |
| ETA 1170 21 15A | 1278810000 | C.63 |
| ETA 1170 21 20A | 1278820000 | C.63 |
| ETA 1170 21 25A | 1278830000 | C.63 |
| ETA 1170 21 3A | 1278730000 | C.63 |
| ETA 1170 21 4A | 1278740000 | C.63 |
| ETA 1170 21 5A | 1278750000 | C.63 |
| ETA 1170 21 6A | 1278760000 | C.63 |
| ETA 1170 21 7.5A | 1278770000 | C.63 |
| ETA 1170 21 8A | 1278780000 | C.63 |
| ETA 1180 01 0.1A | 1278840000 | C.64 |
| ETA 1180 01 0.25A | 1278860000 | C.64 |
| ETA 1180 01 0.2A | 1278850000 | C.64 |
| ETA 1180 01 0.3A | 1278870000 | C.64 |
| ETA 1180 01 0.4A | 1278880000 | C.64 |
| ETA 1180 01 0.5A | 1278910000 | C.64 |
| ETA 1180 01 0.6A | 1278920000 | C.64 |
| ETA 1180 01 0.7A | 1278930000 | C.64 |
| ETA 1180 01 0.8A | 1278940000 | C.64 |
| ETA 1180 01 1.5A | 1278960000 | C.64 |
| ETA 1180 01 10A | 1279070000 | C.64 |
| ETA 1180 01 1A | 1278950000 | C.64 |
| ETA 1180 01 2.5A | 1278980000 | C.64 |
| ETA 1180 01 2A | 1278970000 | C.64 |
| ETA 1180 01 3.5A | 1279010000 | C.64 |
| ETA 1180 01 3A | 1278990000 | C.64 |
| ETA 1180 01 4A | 1279020000 | C.64 |
| ETA 1180 01 5A | 1279030000 | C.64 |
| ETA 1180 01 6A | 1279040000 | C.64 |
| ETA 1180 01 7A | 1279050000 | C.64 |
| ETA 1180 01 8A | 1279060000 | C.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 | D.76 |
| EWK 1 | 0206160000 | F.12 |
| EWK 2 | 0199360000 | F.12 |

## F

| Type | Order No. | Page |
|---|---|---|
| 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 |
| 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

| Type | Order No. | Page |
|---|---|---|
| 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 |
| GHDE ZPS2.5/1AN | 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 | 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

| Type | Order No. | Page |
|---|---|---|
| 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 |
| H0,14/10 GR SV | 9005180000 | F.66 |
| H0,14/10T BR SV | 9028250000 | F.70 |
| H0,14/12 GR SV | 9028240000 | F.66 |
| H0,25/10 HBL | 9025740000 | F.66 |
| H0,25/10 HBL SV | 9026050000 | F.66 |
| H0,25/10T GE | 9021010000 | F.70 |
| H0,25/10T GE SV | 9021210000 | F.70 |
| H0,25/12 HBL | 9025760000 | F.66 |
| H0,25/12 HBL SV | 9025780000 | F.66 |
| H0,25/12T GE | 9021020000 | F.70 |
| H0,25/12T GE SV | 9021220000 | F.70 |
| H0,25/5 | 9018910000 | F.77 |
| H0,34/10 TK | 9025750000 | F.66 |
| H0,34/10 TK SV | 9026030000 | F.66 |
| H0,34/11 S TK | 9204090000 | F.76 |
| H0,34/12 TK | 9025770000 | F.66 |
| H0,34/12 TK BD GSP | 9004390000 | F.67 |
| H0,34/12 TK SV | 9025790000 | F.66 |
| H0,5/10 | 9004050000 | F.77 |
| H0,5/12 OR | 0409500000 | F.66 |
| H0,5/12 OR SV | 9028260000 | F.66 |
| H0,5/12D W | 9019000000 | F.68 |
| H0,5/14 OR | 0690700000 | F.66 |
| H0,5/14 OR BD | 9004270000 | F.67 |
| H0,5/14 OR BD GSP | 9005810000 | F.67 |
| H0,5/14 OR SV | 9026060000 | F.66 |
| H0,5/14 ZH OR | 9037200000 | F.72 |
| H0,5/14 ZH OR SV | 9004440000 | F.72 |
| H0,5/14D W | 9019010000 | F.68 |
| H0,5/14D W BD | 9004280000 | F.68 |
| H0,5/14D W BD GSP | 9005860000 | F.69 |
| H0,5/14D W SV | 9019400000 | F.68 |
| H0,5/14D ZH W | 9037380000 | F.73 |
| H0,5/14D ZH W SV | 9004780000 | F.73 |
| H0,5/14S OR | 9004560000 | F.76 |
| H0,5/14S W | 9004590000 | F.76 |
| H0,5/16 DS W | 9202910000 | F.76 |
| H0,5/16 OR | 9025870000 | F.66 |
| H0,5/16 OR SV | 9028270000 | F.66 |
| H0,5/16 ZH OR | 9037210000 | F.72 |
| H0,5/16D W | 9019020000 | F.68 |
| H0,5/16D ZH W | 9037390000 | F.73 |
| H0,5/18 ZH OR | 9037220000 | F.72 |
| H0,5/18D ZH W | 9037400000 | F.73 |
| H0,5/6 | 0282600000 | F.77 |
| H0,75/10 | 0542500000 | F.77 |
| H0,75/12 W | 0409600000 | F.66 |
| H0,75/12 W SV | 9028280000 | F.66 |
| H0,75/12D GR | 9019030000 | F.68 |
| H0,75/12T HBL | 9021030000 | F.70 |
| H0,75/14 W | 0462900000 | F.66 |
| H0,75/14 W BD | 9004290000 | F.67 |
| H0,75/14 W BD GSP | 9005820000 | F.67 |
| H0,75/14 W SV | 9026070000 | F.66 |
| H0,75/14 ZH W | 9037230000 | F.72 |
| H0,75/14 ZH W SV | 9018510000 | F.72 |
| H0,75/14D GR | 9019040000 | F.68 |
| H0,75/14D GR | 9005870000 | F.69 |
| H0,75/14D GR BD | 9004300000 | F.68 |
| H0,75/14D GR SV | 9019410000 | F.68 |
| H0,75/14D ZH GR | 9037410000 | F.73 |
| H0,75/14D ZH GR SV | 9018520000 | F.73 |
| H0,75/14DS HBL | 9028580000 | F.76 |
| H0,75/14S W | 9025960000 | F.76 |
| H0,75/14S W SV | 9025700000 | F.76 |
| H0,75/14T ZH HBL | 9037610000 | F.74 |
| H0,75/14T BL BD GSP | 9005900000 | F.71 |
| H0,75/14T HBL BD | 9004310000 | F.70 |
| H0,75/14T HBL SV | 9021230000 | F.70 |
| H0,75/14TS HBL | 9018550000 | F.76 |
| H0,75/15S HBL | 9204240000 | F.76 |
| H0,75/16 W | 9025860000 | F.66 |
| H0,75/16 W SV | 9028290000 | F.66 |
| H0,75/16 ZH W | 9037240000 | F.72 |
| H0,75/16 ZH W SV | 9004900000 | F.72 |
| H0,75/16D GR | 9019050000 | F.68 |
| H0,75/16D ZH GR | 9037420000 | F.73 |
| H0,75/16D ZH GR SV | 9004770000 | F.73 |
| H0,75/16T HBL | 9021050000 | F.70 |
| H0,75/16T ZH HBL | 9037620000 | F.74 |
| H0,75/16T ZH HBL SV | 9005140000 | F.74 |
| H0,75/18 W | 9025910000 | F.66 |
| H0,75/18 W SV | 9028300000 | F.66 |
| H0,75/18D GR | 9019060000 | F.68 |
| H0,75/18T HBL | 9021060000 | F.70 |
| H0,75/19DS ZH GR | 9202830000 | F.73 |
| H0,75/19S ZH W | 9202820000 | F.72 |
| H0,75/19TS ZH HBL | 9202840000 | F.74 |
| H0,75/24 ZH W | 9037250000 | F.72 |
| H0,75/24D ZH GR | 9037430000 | F.73 |
| H0,75/24T ZH HBL | 9037630000 | F.74 |
| H0,75/6 | 0282700000 | F.77 |
| H0,75/14 HBL | 9021040000 | F.70 |
| H1,0/10 | 0282800000 | F.77 |
| H1,0/12 GE | 0409700000 | F.66 |
| H1,0/12 GE SV | 9028310000 | F.66 |
| H1,0/12D R | 9019070000 | F.68 |
| H1,0/14 GE | 0463000000 | F.66 |
| H1,0/14 GE BD | 9004320000 | F.67 |
| H1,0/14 GE BD GSP | 9005830000 | F.67 |
| H1,0/14 GE SV | 9026080000 | F.66 |
| H1,0/14D R | 9019080000 | F.68 |
| H1,0/14D R BD | 9004330000 | F.68 |
| H1,0/14D R BD GSP | 9005880000 | F.69 |
| H1,0/14D R SV | 9019420000 | F.68 |
| H1,0/14S GE | 9025970000 | F.76 |
| H1,0/14S GE SV | 9025710000 | F.76 |
| H1,0/14S R | 9018560000 | F.76 |
| H1,0/15 ZH GE | 9037260000 | F.72 |
| H1,0/15 ZH GE SV | 9018530000 | F.72 |
| H1,0/15D ZH R | 9037440000 | F.73 |
| H1,0/15D ZH R SV | 9018540000 | F.73 |
| H1,0/15S ZH GE | 9018690000 | F.72 |
| H1,0/15S ZH GE SV | 9018650000 | F.72 |
| H1,0/16 GE | 9025950000 | F.66 |
| H1,0/16 GE SV | 9028320000 | F.66 |
| H1,0/16D R | 9019100000 | F.68 |
| H1,0/18 GE | 9025930000 | F.66 |
| H1,0/18 GE SV | 9028340000 | F.66 |
| H1,0/18D R | 9019110000 | F.68 |
| H1,0/19 ZH GE | 9037270000 | F.72 |
| H1,0/19 ZH GE SV | 9004910000 | F.72 |
| H1,0/19D ZH R | 9037450000 | F.73 |
| H1,0/19D ZH R SV | 9004760000 | F.73 |
| H1,0/25 ZH GE | 9037280000 | F.72 |
| H1,0/25D ZH R | 9037460000 | F.73 |
| H1,0/6 | 0372600000 | F.77 |
| H1,5/10 | 0186500000 | F.77 |
| H1,5/12 | 9004060000 | F.77 |
| H1,5/12S R | 9025690000 | F.76 |
| H1,5/14 R | 0463100000 | F.66 |
| H1,5/14 R BD | 9004340000 | F.67 |
| H1,5/14 R BD GSP | 9005840000 | F.67 |
| H1,5/14 R SV | 9026090000 | F.66 |
| H1,5/14D SW | 9019120000 | F.68 |

| Type | Order No. | Page |
|---|---|---|
| H1,5/14D SW BD | 9004350000 | F.68 |
| 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 | 9028350000 | 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 | 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 | 0565600000 | 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 |
| H16,0/12 | 0492500000 | F.77 |
| H16,0/15 | 0124300000 | F.77 |
| H16,0/18 | 0375200000 | F.77 |
| H16,0/22 GN | 0565900000 | F.66 |
| H16,0/22D BL | 9019260000 | F.68 |
| H16,0/22T W | 9021170000 | F.70 |
| H16,0/25 | 9004150000 | F.77 |
| H16,0/25,5X BL SV | 9006870000 | F.75 |
| 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 |
| H16,0/38D ZH BL | 9037600000 | F.73 |
| H16,0/38T ZH W | 9037740000 | F.74 |
| H185,0/32 | 9036260000 | F.77 |
| H2,5/10 | 9004080000 | F.77 |
| H2,5/12 | 0186100000 | F.77 |
| H2,5/12DS BL | 9028490000 | F.76 |
| H2,5/12TS GR | 9036200000 | F.76 |
| H2,5/14D BL BD | 9004360000 | F.67 |
| H2,5/14D BL BD GSP | 9005850000 | F.67 |
| H2,5/14S BL | 1333100000 | F.76 |
| H2,5/14T GR BD | 9004370000 | F.70 |
| H2,5/14T GR BD GSP | 9005910000 | F.71 |
| H2,5/14TS GR | 9426770000 | F.76 |
| H2,5/15 BL SV | 9026100000 | F.66 |
| H2,5/15D BL | 9019160000 | F.66 |
| H2,5/15T GR | 9021070000 | F.70 |
| H2,5/15T GR SV | 9021240000 | F.70 |
| H2,5/16DS BL | 9036220000 | F.76 |
| H2,5/17,5X BL SV | 9006670000 | F.75 |
| H2,5/18 | 9004090000 | F.77 |
| H2,5/19D BL | 9019170000 | F.66 |
| H2,5/19D ZH BL | 9037500000 | F.72 |
| H2,5/19D ZH BL SV | 9004430000 | F.72 |
| H2,5/19T GR | 9021080000 | F.70 |
| H2,5/19T ZH GR | 9037640000 | F.74 |
| H2,5/19T ZH GR SV | 9018580000 | F.74 |
| H2,5/21 ZH GR SV | 9005150000 | F.74 |

| Type | Order No. | Page |
|---|---|---|
| H2,5/21,5X BL SV | 9006710000 | F.75 |
| H2,5/21D ZH BL | 9037510000 | F.72 |
| H2,5/21D ZH BL SV | 9004740000 | F.72 |
| H2,5/21T ZH GR | 9037650000 | F.74 |
| H2,5/24 XS BL | 9202880000 | F.75 |
| H2,5/25D BL | 9019180000 | F.66 |
| H2,5/25T GR | 9021090000 | F.70 |
| H2,5/27D ZH BL | 9037520000 | F.72 |
| H2,5/27T ZH GR | 9037660000 | F.74 |
| H2,5/7 | 0373000000 | F.77 |
| H25,0/15 | 0124400000 | F.77 |
| H25,0/18 | 0375300000 | F.77 |
| H25,0/25 | 9004170000 | F.77 |
| H25,0/30 BR | 0317000000 | F.66 |
| H25,0/30D 16 GE | 9019280000 | F.68 |
| H25,0/30T SW | 9021190000 | F.70 |
| H25,0/32 | 9004180000 | F.77 |
| H25,0/36 BR | 0317100000 | F.66 |
| H25,0/36D GE | 9019300000 | F.68 |
| H25,0/36T SW | 9021200000 | F.70 |
| H35,0/18 | 0368900000 | F.77 |
| H35,0/25 | 9004190000 | F.77 |
| H35,0/30 BE | 0317200000 | F.66 |
| H35,0/30D 16 R | 9019310000 | F.68 |
| H35,0/30S | 9451000000 | F.77 |
| H35,0/32 | 9004200000 | F.77 |
| H35,0/32D R | 9019320000 | F.68 |
| H35,0/39 BE | 0317300000 | F.66 |
| H35,0/39D R | 9019330000 | F.68 |
| H4,0/12 | 0244100000 | F.77 |
| H4,0/15 | 9004100000 | F.77 |
| H4,0/18 | 9004110000 | F.77 |
| H4,0/18 GR SV | 9026010000 | F.66 |
| H4,0/18D GR | 9019190000 | F.66 |
| H4,0/18T OR | 9021100000 | F.70 |
| H4,0/18T OR SV | 9021250000 | F.70 |
| H4,0/19,5X GR SV | 9006750000 | F.75 |
| H4,0/20D GR | 9019200000 | F.66 |
| H4,0/20T OR | 9021110000 | F.70 |
| H4,0/22D ZH GR | 9037530000 | F.72 |
| H4,0/22T ZH OR | 9037670000 | F.74 |
| H4,0/22T ZH OR SV | 9018590000 | F.74 |
| H4,0/26D GR | 9019210000 | F.66 |
| H4,0/26T OR | 9021120000 | F.70 |
| H4,0/28D ZH GR | 9037540000 | F.72 |
| H4,0/28T ZH OR | 9037680000 | F.74 |
| H4,0/9 | 0373100000 | F.77 |
| H4/22D ZH GR SV | 9004730000 | F.72 |
| H50,0/18 | 9004210000 | F.77 |
| H50,0/22 | 9025880000 | F.77 |
| H50,0/32 | 9004220000 | F.77 |
| H50,0/41D BL | 9019350000 | F.68 |
| H50/36 OLIV | 0444200000 | F.66 |
| H50/36D BL | 9019340000 | F.68 |
| H6,0,0/20T GN | 9021130000 | F.70 |
| H6,0/10 | 9004120000 | F.77 |
| H6,0/12 | 0191900000 | F.77 |
| H6,0/15 | 0124700000 | F.77 |
| H6,0/18 | 9004130000 | F.77 |
| H6,0/20 SW | 0533500000 | F.66 |
| H6,0/20D GE | 9019220000 | F.68 |
| H6,0/23 ZH SW | 9037320000 | F.72 |
| H6,0/23 ZH SW SV | 9004930000 | F.72 |
| H6,0/23,0X GE SV | 9006790000 | F.75 |
| H6,0/23D ZH GE | 9037550000 | F.73 |
| H6,0/23D ZH GE SV | 9004720000 | F.73 |
| H6,0/23T ZH GN | 9037690000 | F.74 |
| H6,0/23T ZH GN SV | 9005160000 | F.74 |
| H6,0/26 SW | 0565700000 | F.66 |
| H6,0/26D GE | 9019230000 | F.68 |
| H6,0/29 ZH SW | 9037330000 | F.72 |
| H6,0/29D ZH GE | 9037560000 | F.73 |
| H6,0/29T ZH GN | 9037700000 | F.74 |
| H6/26T GN | 9021140000 | F.70 |
| H70,0/25 | 9004230000 | F.77 |
| H70,0/32 | 9004240000 | F.77 |
| H70,0/37 GE | 9028200000 | F.66 |
| H95,0/25 | 9004250000 | F.77 |
| H95,0/32 | 9004260000 | F.77 |
| H95,0/44 R | 9028210000 | F.66 |
| HA ADP WF6/WF10 | 1781050000 | D.147 |
| HBT 1,5 - 3,0 RT | 1312440000 | D.86 |
| HBT 1,5 - 4,6 RT | 1233340000 | D.86 |
| HBT 2,5 - 3,0 BL | 1312450000 | D.86 |
| HBT 2,5 - 4,6 BL | 1233330000 | D.86 |
| HBT 6,0 - 4,6 GE | 1216230000 | D.86 |
| HOOKBLA 0,25-1,5 SW | 9036290000 | F.78 |
| HOOKBLA 1,0-2,5 SW | 9036300000 | F.78 |
| HP 1 ADP1 | 0485560000 | F.15 |
| HP 2 ADP2 | 0485660000 | F.15 |
| HP 3 ADP3 | 0485760000 | F.15 |
| HP 4 ADP3 | 0485860000 | F.15 |
| HP 7 TSK31.5 | 0258260000 | F.15 |
| HP 8 ADP 1 | 0258360000 | F.15 |
| HTF AFK 2.5 | 9201040000 | C.95 |
| HTF ZRV | 9014840000 | C.94 |
| HTI 15 | 9014400000 | F.65 |

| Type | Order No. | Page |
|---|---|---|
| **I** | | |
| IEPL | 1859570000 | C.134 |
| IK 16/ZB16 BL | 0502980000 | F.6 |
| IK 16/ZB16 GG | 0502960000 | F.6 |
| IK 35/ZB35 BL | 0502780000 | F.6 |
| IK 4 BL ZB4 | 0475480000 | F.6 |
| IK 4 GG ZB4 | 0475460000 | F.6 |
| IK 6 GG ZBE6K | 0526060000 | F.6 |
| IL WMF2.5 BLZ OR | 1167440000 | D.112 |
| IS 2 KG | 1806630000 | F.63 |
| IS 3 KG | 1806650000 | F.63 |
| IS 4 DIN 6911 | 0485100000 | F.63 |
| IS 4 KG | 1806660000 | F.63 |
| IS 6 DIN 6911 | 0407900000 | F.63 |
| IS 8 DIN 6911 | 0235000000 | F.63 |
| ISPF QB58 SW | 0546000000 | D.63 |
| **K** | | |
| KDKS 1/35 DB | 9532440000 | D.34 |
| KISC M3X20.5/10 EK4 | 0303000000 | D.76 |
| KISC M3X5 | 1052100000 | D.172 |
| KLBUE 10-20 | 1600490000 | E.6 |
| KLBUE 10-20 CPF | 1752701001 | E.13 |
| KLBUE 10-20 CPF16 | 1252550000 | E.13 |
| KLBUE 10-20 FM4 | 1252510000 | E.12 |
| KLBUE 10-20 SC | 1712321001 | E.11 |
| KLBUE 15-32 | 1716300000 | E.6 |
| KLBUE 15-32 CPF | 1752711001 | E.13 |
| KLBUE 15-32 CPF16 | 1252540000 | E.13 |
| KLBUE 15-32 FM4 | 1252490000 | E.12 |
| KLBUE 15-32 SC | 1718341001 | E.11 |
| KLBUE 2X2-6 | 1675350000 | E.6 |
| KLBUE 3-8 | 1600480000 | E.6 |
| KLBUE 3-8 CPF | 1752681001 | E.13 |
| KLBUE 3-8 FM4 | 1252530000 | E.12 |
| KLBUE 3-8 SC | 1692261001 | E.11 |
| KLBUE 3-8 SDSC | 1835840000 | E.11 |
| KLBUE 4-13.5 | 1592810000 | E.6 |
| KLBUE 4-13.5 CPF | 1752691001 | E.13 |
| KLBUE 4-13.5 CPF16 | 1167850000 | E.13 |
| KLBUE 4-13.5 FM4 | 1252520000 | E.12 |
| KLBUE 4-13.5 SC | 1712311001 | E.11 |
| KLBUE 4-6 Z/1 | 2269800000 | E.14 |
| KLBUE CO 1 | 1753311001 | E.7 |
| KLBUE CO 2 | 1752131001 | E.7 |
| KLBUE CO 3 | 1749151001 | E.7 |
| KLBUE CO 4 | 1749161001 | E.7 |
| KLBUE CO 5 | 1755081001 | E.7 |
| KLBUE SH1 | 0635960000 | F.4 |
| KOSF ZT2.5 | 1816150000 | C.100 |
| KOSF ZT4 | 1856860000 | D.102 |
| KS 10 O.D10 | 0141620000 | D.136 |
| KS 2 O.D2 | 0134420000 | D.136 |
| KS 4 O.D4 | 0140320000 | D.136 |
| KS 6 O.D6 | 0140620000 | D.136 |
| KSBR/2 ZTL6 | 1771820000 | C.68 |
| KSBR/3 ZTL6 | 1771830000 | C.69 |
| KSBR/4 ZTL6 | 1771840000 | C.69 |
| KT 12 | 9002660000 | F.42 |
| KT 22 | 1157830000 | F.42 |
| KT 45 R | 9202040000 | F.46 |
| KT 55 | 9202060000 | F.46 |
| KT 8 | 9002650000 | F.42 |
| KT ZQV | 9002170000 | F.44 |
| **L** | | |
| LADEGERAET DMS 3 | 9007460000 | F.64 |
| LIB 1,5B25 VF | 9200490000 | F.79 |
| LIB 2,5B25 VF | 9200500000 | F.79 |
| LIB 6B26 VF | 9200510000 | F.79 |
| LID 1,5F4 RF | 9200700000 | F.80 |
| LID 1,5M4 R | 9200670000 | F.80 |
| LID 2,5F5 RF | 9200710000 | F.80 |
| LID 2,5M5 R | 9200680000 | F.80 |
| LID 6,0F5 RF | 9200720000 | F.80 |
| LID 6M5 R | 9200690000 | F.80 |
| LIF 1,5F288 R | 9200520000 | F.79 |
| LIF 1,5F488 R | 9200530000 | F.79 |
| LIF 1,5F638 R | 9200540000 | F.79 |
| LIF 1,5F638 RF | 9200640000 | F.79 |
| LIF 1,5M638 R | 9200580000 | F.79 |
| LIF 1,5T638 R | 9200610000 | F.79 |
| LIF 2,5F488 R | 9200550000 | F.79 |
| LIF 2,5F638 R | 9200560000 | F.79 |
| LIF 2,5F638 RF | 9200650000 | F.79 |
| LIF 2,5M638 R | 9200590000 | F.79 |
| LIF 2,5T638 R | 9200620000 | F.79 |
| LIF 6F638 R | 9200570000 | F.79 |
| LIF 6F638 RF | 9200660000 | F.79 |
| LIF 6M638 R | 9200600000 | F.79 |
| LIF 6T638 R | 9200630000 | F.79 |
| LIP 1,5R12 V | 9200460000 | F.78 |
| LIP 2,5R12 V | 9200470000 | F.78 |
| LIP 6R14 V | 9200480000 | F.78 |
| LIR 1,5M3 V | 9200070000 | F.78 |
| LIR 1,5M3,5 V | 9200080000 | F.78 |

| Type | Order No. | Page |
|---|---|---|
| LIR 1,5M4 V | 9200090000 | F.78 |
| LIR 1,5M5 V | 9200100000 | F.78 |
| LIR 1,5M6 V | 9200110000 | F.78 |
| LIR 1,5M8 V | 9200120000 | F.78 |
| LIR 2,5M10 V | 9200210000 | F.78 |
| LIR 2,5M3 V | 9200150000 | F.78 |
| LIR 2,5M3,5 V | 9200160000 | F.78 |
| LIR 2,5M4 V | 9200170000 | F.78 |
| LIR 2,5M5 V | 9200180000 | F.78 |
| LIR 2,5M6 V | 9200190000 | F.78 |
| LIR 2,5M8 V | 9200200000 | F.78 |
| LIR 6M10 V | 9200270000 | F.78 |
| LIR 6M4 V | 9200230000 | F.78 |
| LIR 6M5 V | 9200240000 | F.78 |
| LIR 6M6 V | 9200250000 | F.78 |
| LIR 6M8 V | 9200260000 | F.78 |
| LIS 1,5M3 V | 9200290000 | F.78 |
| LIS 1,5M3,5 V | 9200300000 | F.78 |
| LIS 1,5M4 V | 9200310000 | F.78 |
| LIS 1,5M5 V | 9200320000 | F.78 |
| LIS 1,5M6 V | 9200330000 | F.78 |
| LIS 2,5M3 V | 9200350000 | F.78 |
| LIS 2,5M3,5 V | 9200360000 | F.78 |
| LIS 2,5M4 V | 9200370000 | F.78 |
| LIS 2,5M5 V | 9200380000 | F.78 |
| LIS 2,5M6 V | 9200390000 | F.78 |
| LIS 6M10 V | 9200450000 | F.78 |
| LIS 6M4 V | 9200410000 | F.78 |
| LIS 6M5 V | 9200420000 | F.78 |
| LIS 6M6 V | 9200430000 | F.78 |
| LIS 6M8 V | 9200440000 | F.78 |
| LM MT300 15X9 GE | 1882890000 | D.126 |
| LS 2.8 WDU2.5-10 | 1056400000 | D.116 |
| **M** | | |
| M-PRINT PRO | 1905490000 | F.41 |
| M-PRINT PRO ADVANCED | 1905500000 | F.41 |
| MAK 2.5 DB | 7917030000 | D.96 |
| MB M3/M5 CRM | 0503500000 | F.14 |
| MB M5/M3 SW | 0553400000 | F.14 |
| MB M6/M4 GR | 0334900000 | F.14 |
| MC-Mobilo 110V/220V | 1741260001 | F.40 |
| MC-MOBILO AUFN. SF 4-6 | 1802180000 | F.40 |
| MCP AP BASIC | 1139880000 | F.39 |
| MCP AP LABLES | 1924370000 | F.39 |
| MCP AP PLUS | 1924360000 | F.39 |
| MCP AP SF4-6 | 1924310000 | F.39 |
| MCP BASIC | 1139400000 | F.38 |
| MCP COVER | 1924350000 | F.39 |
| MCP EP | 1935130000 | F.39 |
| MCP EP SFC 3 | 1058090000 | F.39 |
| MCP KLEBESTREIFEN | 1924320000 | F.39 |
| MCP PLUS | 1925000000 | F.37 |
| MCP TP-KOF BASIC | 1139890000 | F.39 |
| MEW 1/32 | 0445600000 | F.12 |
| MEW 35/1 | 1805610000 | F.12 |
| MK 2/12 | 0241260000 | D.134 |
| MK 3/10 | 0274620000 | D.134 |
| MK 3/12 | 0243520000 | D.134 |
| MK 3/12/E | 7906210000 | D.138 |
| MK 3/2 | 0273820000 | D.134 |
| MK 3/2/E | 7906110000 | D.138 |
| MK 3/3 | 0273920000 | D.134 |
| MK 3/3/E | 7906120000 | D.138 |
| MK 3/4 | 0274020000 | D.134 |
| MK 3/4/E | 7906130000 | D.138 |
| MK 3/5 | 0274120000 | D.134 |
| MK 3/6 | 0274220000 | D.134 |
| MK 3/6/E | 7906150000 | D.138 |
| MK 3/7 | 0274320000 | D.134 |
| MK 3/8 | 0274420000 | D.134 |
| MK 3/8/E | 7906170000 | D.138 |
| MK 4/16 | 0244220000 | D.135 |
| MK 5/2 O.DE | 0243820000 | D.136 |
| MK 6/2 | 0620420000 | D.135 |
| MK 6/2/E | 7906220000 | D.139 |
| MK 6/3 | 0620320000 | D.135 |
| MK 6/3/E | 7906230000 | D.139 |
| MK 6/4 | 0620220000 | D.135 |
| MK 6/4/E | 7906240000 | D.139 |
| MK 6/5/E | 7906250000 | D.139 |
| MK 6/6 | 0620120000 | D.135 |
| MK 6/6/E | 7906260000 | D.139 |
| MOFU 15/35 ZDUB | 1723660000 | C.115 |
| MOFU 15/35 ZPS2.5 | 1899170000 | C.105 |
| MOFU 35 | 0495660000 | F.14 |
| MOFU 35/LO/1 | 0646260000 | F.14 |
| MOFU 35/LO/1 SW | 0646210000 | F.14 |
| **N** | | |
| NSCH 1M | 0280200000 | F.3 |
| NSCH 2M | 1313600000 | F.3 |
| **P** | | |
| P 14/10 D01 RT SAKS4 | 0328700000 | D.53 |
| P 14/2 D01 RS SAKS4 | 0138000000 | D.48 |

| Type | Order No. | Page |
|---|---|---|
| P 14/4 D01 BR SAKS4 | 0138100000 | D.48 |
| P 14/6 D01 GN SAKS4 | 0328600000 | D.53 |
| P 16/10 RT SAKS2 | 0208900000 | D.48 |
| P 16/16 GR SAKS2 | 0209000000 | D.48 |
| P 16/20 BL SAKS2 | 0209100000 | D.48 |
| P 18/20 D02 BL SAKS5 | 0361800000 | D.49 |
| P 18/25 D02 GE SAKS5 | 0361900000 | D.49 |
| P 18/35 D02 SW SAKS5 | 0362000000 | D.49 |
| P 18/50 D02 WS SAKS5 | 0362100000 | D.49 |
| P-CLEANER | 1924330000 | F.39 |
| P-Ink 2.0 | 1924340000 | F.39 |
| PAD 16/4 | 1916170000 | B.7 |
| PAD 2.5/4/4 | 1916150000 | B.4 |
| PAD 6/10/4 | 1916160000 | B.5 |
| PAP 16 | 1896290000 | B.7 |
| PAP 2.5/4 | 1896300000 | B.4 |
| PAP 2.5/4 BL | 1049210000 | B.46 |
| PAP 2.5/4/3AN | 1896480000 | B.11 |
| PAP 2.5/4/3AN BL | 1052300000 | B.46 |
| PAP 2.5/4/4AN | 1896320000 | B.4 |
| PAP 2.5/4/4AN BL | 1052290000 | B.46 |
| PAP PDK 2.5/4 | 1919720000 | B.8 |
| PAP PDL4 | 1883210000 | B.21 |
| PAP PDL4S | 1837070000 | B.30 |
| PAP PDU16S | 1139910000 | B.26 |
| PAP PDU6/10 | 1896330000 | B.5 |
| PAP PDU6/10 BL | 1049200000 | B.46 |
| PAP PDU6/10/3AN | 1896340000 | B.6 |
| PAP PMAK 4 | 1221360000 | B.10 |
| PAP PRV/PPV4 BL | 1268010000 | B.38 |
| PAP PRV/PPV4 GR | 1211450000 | B.38 |
| PAP PRV/PPV4 SW | 1173750000 | B.38 |
| PAP PRV/PPV8 BL | 1268000000 | B.39 |
| PAP PRV/PPV8 GR | 1211460000 | B.39 |
| PAP PRV/PPV8 SW | 1173720000 | B.39 |
| PAP PTL/PSI 6/10 | 1165320000 | B.46 |
| PAP PTL/PSI 6/10 SW | 1165330000 | B.46 |
| PAP PTR2.5/4 | 1934680000 | B.18 |
| PAP PTR2.5/4/3AN | 1934690000 | B.19 |
| PAP PTR2.5/4/4AN | 1934700000 | B.19 |
| PDK 2.5/4 | 1918770000 | B.8 |
| PDK 2.5/4 BL | 1918760000 | B.8 |
| PDK 2.5/4 PE | 1918710000 | B.15 |
| PDK 2.5/4L-PE | 1918720000 | B.9 |
| PDK 2.5/4N-L | 1918740000 | B.9 |
| PDK 2.5/4V | 1918730000 | B.8 |
| PDK 2.5/4V BL | 1918680000 | B.8 |
| PDL 4 S/L | 1847610000 | B.31 |
| PDL 4 S/L/L | 1837030000 | B.30 |
| PDL 4 S/L/L/PE | 1837040000 | B.32 |
| PDL 4 S/N | 1847620000 | B.32 |
| PDL 4 S/N/L | 1847630000 | B.31 |
| PDL 4 S/N/L/PE | 1837050000 | B.31 |
| PDL 4 S/NT/L/PE | 1837060000 | B.30 |
| PDL 4/L/L | 1882590000 | B.35 |
| PDL 4/L/L/PE | 1882610000 | B.34 |
| PDL 4/N/L/PE | 1899180000 | B.34 |
| PDL 4/NT/L | 1882600000 | B.33 |
| PDL 4/NT/L/PE | 1882620000 | B.33 |
| PDL 4/TR/DU | 1899190000 | B.22 |
| PDL 4/TR/DU O TNHE | 1899210000 | B.21 |
| PDL 4/TR/DU/PE | 1899200000 | B.22 |
| PDL 4/TR/DU/PE O TNHE | 1899220000 | B.21 |
| PDU 16 | 1896400000 | B.7 |
| PDU 16 BL | 1896220000 | B.7 |
| PDU 16S | 1139580000 | B.26 |
| PDU 2.5/4 | 1896110000 | B.4 |
| PDU 2.5/4 BL | 1896230000 | B.4 |
| PDU 2.5/4/2X2AN | 1022220000 | B.5 |
| PDU 2.5/4/3AN | 1896120000 | B.4 |
| PDU 2.5/4/3AN BL | 1896240000 | B.4 |
| PDU 2.5/4/4AN | 1896130000 | B.5 |
| PDU 2.5/4/4AN BL | 1896250000 | B.5 |
| PDU 6/10 | 1896140000 | B.5 |
| PDU 6/10 4AN BL | 1165130000 | B.6 |
| PDU 6/10 BL | 1896270000 | B.5 |
| PDU 6/10/3AN | 1896150000 | B.6 |
| PDU 6/10/3AN BL | 1896280000 | B.6 |
| PDU 6/10/4AN | 1083040000 | B.6 |
| PEI 16 | 1918780000 | B.7 |
| PEI 16 BL | 1918790000 | B.7 |
| PHP PDL | 1837090000 | B.30 |
| PHP PDL SO | 1837080000 | B.30 |
| PHP PNT 2.5/4 | 1896390000 | B.28 |
| PHP PNT 2.5/4 SO | 1916790000 | B.28 |
| PHP PNT 6/10 | 1896100000 | B.28 |
| PHP PNT 6/10 SO | 1919710000 | B.28 |
| PHP PNT16 | 1896380000 | B.29 |
| PHP PNT16 SO | 1919690000 | B.29 |
| PJ PRO TINTENSET FARBE | 1027110000 | F.36 |
| PJ PRO TNAW | 1024140000 | F.36 |
| PJ PRO TNTK INK C | 1027050000 | F.36 |
| PJ PRO TNTK INK K | 1027040000 | F.36 |
| PJ PRO TNTK INK M | 1027060000 | F.36 |
| PJ PRO TNTK INK Y | 1027070000 | F.36 |
| PJ-Clean Unit | 4062150000 | F.36 |
| PLOTTER PEN 0.25 P-INK | 1920640000 | F.39 |
| PLOTTER PEN 0.35 P-INK | 1920650000 | F.39 |
| PLOTTER PEN 0.50 P-INK | 1005710000 | F.39 |

| Type | Order No. | Page |
|---|---|---|
| PLOTTER PEN 0.70 P-INK | 1011450000 | F.39 |
| Plotterpen 0,18 | 1768570000 | F.39 |
| Plotterpen 0,25 | 1768540000 | F.39 |
| Plotterpen 0,35 | 1768550000 | F.39 |
| Plotterpen 0,5 | 1768560000 | F.39 |
| PLOTTERPEN 0,7 | 1011440000 | F.39 |
| PMAK 4 | 1221340000 | B.10 |
| PMAK 4 800V | 1221350000 | B.10 |
| PNT 16 | 1896350000 | B.29 |
| PNT 2.5/4 | 1896360000 | B.28 |
| PNT 6/10 | 1896370000 | B.28 |
| PPE 16 | 1896210000 | B.14 |
| PPE 16S | 1139570000 | B.27 |
| PPE 2.5/4 | 1896170000 | B.11 |
| PPE 2.5/4/3AN | 1896200000 | B.11 |
| PPE 2.5/4/4AN | 1896160000 | B.12 |
| PPE 6/10 | 1896180000 | B.12 |
| PPE 6/10/3AN | 1896190000 | B.13 |
| PPV 4 BL 35X15 DGR | 1267910000 | B.41 |
| PPV 4 BL 35X7.5 DGR | 1267920000 | B.41 |
| PPV 4 GR 35X15 DGR | 1173880000 | B.41 |
| PPV 4 GR 35X7.5 DGR | 1173890000 | B.41 |
| PPV 8 BL 35X15 DGR | 1267870000 | B.41 |
| PPV 8 BL 35X7.5 DGR | 1267880000 | B.41 |
| PPV 8 GR 35X15 DGR | 1173850000 | B.41 |
| PPV 8 GR 35X7.5 DGR | 1173870000 | B.41 |
| PRH 2.5/4/1 | 1916410000 | B.4 |
| PRH 2.5/4/2 | 1916400000 | B.4 |
| PRINT KIT | 1686920000 | F.40 |
| PRINTJET PRO 115V | 1024050000 | F.36 |
| PRINTJET PRO 230V | 1001180001 | F.36 |
| PRV 16 BL 35X15 RT/WS | 1267790000 | B.40 |
| 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 |
| PRV 8 SW 35X15 RT/WS | 1173740000 | B.39 |
| PRV 8 SW 35X15 WS/RT | 1173780000 | B.39 |
| PRV 8 SW 35X7.5 RT/WS | 1173790000 | B.39 |
| PRV 8 SW 35X7.5 WS/RT | 1173800000 | B.39 |
| PS 2.0 OR | 0293800000 | C.143 |
| PS 2.3 RT | 0180400000 | D.173 |
| PS 4 F.STB 4 | 0299600000 | C.69 |
| PS_ZQV | 1121740000 | C.144 |
| PS_ZQV_SET | 1116710000 | C.144 |
| PSI 6/10 | 1083050000 | B.16 |
| PSI 6/10 SW | 1165140000 | B.16 |
| PTA PDU2.5/4 | 1916180000 | B.4 |
| PTA ZA PDU2.5/4 | 1916190000 | B.4 |
| PTD 6/10/STB | 1084790000 | B.23 |
| PTL 6/10/STB | 1084780000 | B.23 |
| PTR 2.5/4 | 1933950000 | B.18 |
| PTR 2.5/4 BL | 1933970000 | B.18 |
| PTR 2.5/4 O TNHE | 1933910000 | B.18 |
| PTR 2.5/4/3AN | 1933980000 | B.19 |
| PTR 2.5/4/3AN BL | 1933930000 | B.19 |
| PTR 2.5/4/3AN O TNHE | 1933990000 | B.19 |
| PTR 2.5/4/4AN | 1933940000 | B.19 |
| PTR 2.5/4/4AN BL | 1934000000 | B.19 |
| PTR 2.5/4/4AN O TNHE | 1933890000 | B.20 |
| PZ 1.5 | 9005990000 | F.65 |
| PZ 16 | 9012600000 | F.52 |
| PZ 3 | 0567300000 | F.51 |
| PZ 4 | 9012500000 | F.50 |
| PZ 50 | 9006450000 | F.53 |
| PZ 6 HEX | 9013650000 | F.65 |
| PZ 6 Roto | 9014350000 | F.51 |
| PZ 6/5 | 9011460000 | F.50 |
| PZ ZH 16 | 9013600000 | F.52 |

## Q

| Type | Order No. | Page |
|---|---|---|
| Q 10 AKZ1.5 | 0368500000 | D.130 |
| Q 10 AKZ4 | 0368600000 | D.131 |
| Q 10 AKZ4SS | 0369300000 | D.17 |
| Q 10 DLI | 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 |
| Q 2 DLI | 1312500000 | D.170 |
| Q 2 WDL2.5S | 1071500000 | D.170 |
| Q 2 WTL6/2FF | 1897110000 | D.76 |

| Type | Order No. | Page |
|---|---|---|
| Q 20 DLI | 1399800000 | D.170 |
| Q 20 WDL2.5S | 1074200000 | D.170 |
| Q 3 AKZ1.5 | 0368300000 | D.130 |
| Q 3 AKZ4 | 0336500000 | D.131 |
| Q 3 DLI | 1312600000 | D.170 |
| Q 3 WDL2.5S | 1071600000 | D.170 |
| Q 3 WTL6/2FF | 1897120000 | D.76 |
| Q 4 AKZ1.5 | 0368400000 | D.130 |
| Q 4 AKZ4 | 0336600000 | D.131 |
| Q 4 DLI | 1312700000 | D.170 |
| Q 4 WDL2.5S | 1071700000 | D.170 |
| Q 4 WTL 6/4FF | 1897130000 | D.76 |
| Q WDU10-2.5 SET | 1859620000 | D.161 |
| Q WDU6-2.5 SET | 1859600000 | D.162 |
| QB 58/8/9/WI | 0545300000 | D.63 |
| QL 10 SAK16 | 0471000000 | D.43 |
| QL 10 SAK6N | 0338300000 | D.172 |
| QL 10 SAKS2 | 0338900000 | D.48 |
| QL 10 SAKS4 | 0339000000 | D.48 |
| QL 10 WTL 6/4 FF | 1897090000 | D.76 |
| QL 15 SAK6N | 0221200000 | D.71 |
| QL 2 SAK16 | 0470700000 | D.43 |
| QL 2 SAK6N | 0194300000 | D.172 |
| QL 2 SAKS2 | 0207800000 | D.48 |
| QL 2 SAKS4 | 0328000000 | D.48 |
| QL 2 WTL6/4FF | 1897010000 | D.76 |
| QL 3 SAK16 | 0470800000 | D.43 |
| QL 3 SAK6N | 0194400000 | D.172 |
| QL 3 SAKS4 | 0328100000 | D.48 |
| QL 3 WTL6/4FF | 1897020000 | D.76 |
| QL 4 SAK16 | 0470900000 | D.43 |
| QL 4 SAK6N | 0194500000 | D.172 |
| QL 4 SAKS2 | 0208000000 | D.48 |
| QL 4 WTL6/4FF | 1897030000 | D.76 |
| QL 50 WTL6/4FF | 1897100000 | D.76 |
| QS 2/10/4 | 0270860000 | D.71 |
| QS 2/12/4 | 0270760000 | D.71 |
| QS 2/8/4 | 0270960000 | B.23 |
| QVAR 1 | 1836370000 | C.134 |
| QVS 2 SAKT1+2 | 0307300000 | D.65 |
| QVS 2/4 SAKT4 | 1319260000 | D.72 |
| QVS 2/S SAKT1+2 | 0358460000 | D.70 |
| QVS 3 SAKT1+2 | 0329300000 | D.70 |
| QVS 4 SAKT1+2 | 0307400000 | D.70 |
| QVSK 2 SAKT1 | 1670360000 | D.70 |

## R

| Type | Order No. | Page |
|---|---|---|
| Reiniger 2000 25ml | 1772130000 | F.39 |
| Removal Tool AFK | 1866760000 | C.95 |

## S

| Type | Order No. | Page |
|---|---|---|
| SAKS 2/35 DB | 1368700000 | D.48 |
| SAKS 4/35 DB | 0501800000 | D.48 |
| SAKS 5/35 DB | 0502100000 | D.49 |
| SCH-1-WB | 1739890000 | E.11 |
| SCHT 14/6 | 1269060000 | F.32 |
| SCHT 5 | 0292460000 | F.31 |
| SCHT 5 S | 1631930000 | F.31 |
| SCHT 7 | 0517960000 | F.31 |
| SCHT 9/4 | 1278460000 | F.32 |
| SD 0,4x2,0x60 | 9037160000 | F.57 |
| SD 0,4x2,5x75 | 9009030000 | F.57 |
| SD 0,5x3,0x80 | 9008320000 | F.57 |
| SD 0,6x3,5x100 | 9008330000 | F.57 |
| SD 0,6x3,5x200 | 9010110000 | F.57 |
| SD 0,8x4,0x100 | 9008340000 | F.57 |
| SD 0,8x4,5x125 | 9009020000 | F.57 |
| SD 1,0x5,5x150 | 9008350000 | F.57 |
| SD 1,2x6,5x150 | 9009010000 | F.57 |
| SD TH20 | 9009160000 | F.57 |
| SDI 0,4x2,5x75 | 9008370000 | B.30 |
| SDI 0,6x3,5x100 | 9008390000 | D.96 |
| SDI 0,8x4,0x100 | 9008400000 | D.76 |
| SDI SL 0,6X3,5X100 | 1274660000 | F.56 |
| SDI SL 0,8X4,0X100 | 1274670000 | F.56 |
| SDI SL 1,0X5,5X125 | 1274680000 | F.56 |
| SDI SL 1,2X6,5X150 | 1274690000 | F.56 |
| SDIK SL PH1 | 1274710000 | F.56 |
| SDIK SL PH2 | 1274720000 | F.56 |
| SDIK SL PZ1 | 1274730000 | F.56 |
| SDIK SL PZ2 | 1274740000 | F.56 |
| SDIS 2,5-5,5/PH1/2 | 9009730000 | F.55 |
| SDIS 2.0-5.5 | 9205550000 | F.55 |
| SDIS 2.5-5.5/PZ/1/2 | 1128540000 | F.55 |
| SDIS SL 3,5-6,5/PH/1/2 | 1274750000 | F.56 |
| SDIZ 0,8X5,5 150/248 | 9008640000 | D.76 |
| SDK PZ0 | 9008520000 | F.57 |
| SDK PZ1 | 9008530000 | F.57 |
| SDK PZ2 | 9008540000 | F.57 |
| SDK PZ3 | 9008550000 | F.57 |
| SH 1 | 0299860000 | F.4 |
| SH 2 | 0494920000 | F.4 |
| SH 2 S | 0641720000 | F.4 |
| SH 3 | 0556660000 | F.4 |
| SIHA 1/G20 | 9537550000 | D.177 |
| SIHA 1/G20 10-36V | 9537560000 | D.177 |
| SIHA 3/G20 | 7921560000 | D.177 |

| Type | Order No. | Page |
|---|---|---|
| SIHA 3/G20/LD 10-36V | 7921570000 | D.177 |
| SIHA 3/G20/LD 140-250V | 7921600000 | D.177 |
| SIHA 3/G20/LD 35-70V | 7921580000 | D.177 |
| SIHA 3/G20/LD 60-150V | 7921590000 | D.177 |
| SIHA STRAP | 9537680000 | D.177 |
| SK 10,0x125 | 9009070000 | F.57 |
| SK E14 SAKS4 | 0339410000 | D.48 |
| SK E16/SAKS2 | 0284110000 | D.48 |
| SK E18 SAKS5 | 0359310000 | D.49 |
| SK WSD-S 1,5-10,0 | 9008850000 | F.58 |
| SKS 2,0-8,0 | 9008860000 | F.58 |
| SKS 2,0-8,0 MR | 9008870000 | F.58 |
| SMSE WF10/2xM6 | 1868880000 | D.150 |
| SMSE WSH 135/60 MT | 1246990000 | E.9 |
| SMSE WSH U1 MT | 1083900000 | E.9 |
| SNAPMARK I | 1805880000 | F.30 |
| SO SH1 | 0401460000 | F.4 |
| SP M6 15 MSZN | 3896100000 | E.10 |
| SP M6 20 MSZN | 3896200000 | E.10 |
| SP M6 30 MSZN | 3896300000 | E.10 |
| SRC-I QV P | 8870840000 | B.38 |
| SS M3 D 128-A 3 | 0164400000 | D.37 |
| SS M4 D 128-A 4 | 0136400000 | D.48 |
| SSCH 10X3X1000 CU/SN | 0348900000 | F.3 |
| SSCH 10X3X1000 MS/BK | 0259800000 | F.3 |
| SSCH 10X3X1000 ST/ZN | 0438000000 | F.3 |
| SSCH 15X6X1000 CU/SN | 0357400000 | F.3 |
| SSCH 6X6X1000 CU/SN | 0571300000 | F.3 |
| SSCH 7.3X1.2X1000 | 1071200000 | D.115 |
| SSP 3 SAKT1 | 0531760000 | D.70 |
| SSP WTL6/2 | 1604200000 | D.67 |
| SSP ZTL6 | 1771860000 | C.68 |
| ST 4000/L C160 | 1809240000 | D.153 |
| ST 4000/L CB M10/4 | 1809280000 | D.153 |
| ST 4000/L CB M12/4 | 1809290000 | D.153 |
| ST 4000/L CB M12/6 | 1809300000 | D.153 |
| ST 4000/L E180 | 1809220000 | D.153 |
| ST 4000/L J2 M10 | 1809370000 | D.153 |
| ST 4000/L J2 M12 | 1809400000 | D.153 |
| ST 4000/L J3 M12 | 1809410000 | D.153 |
| ST 4000/L J4 M10 | 1809390000 | D.153 |
| ST 4000/L J4 M12 | 1809420000 | D.153 |
| ST 4000/L M10 | 1809150000 | D.153 |
| ST 4000/L M10 F | 1809160000 | D.153 |
| ST 4000/L M12 | 1809170000 | D.153 |
| ST 4000/L M12 F | 1809180000 | D.153 |
| ST 4000/L P180 | 1809200000 | D.153 |
| ST 4000/L S180 | 1809480000 | D.153 |
| ST 4000/S C130 | 1809230000 | D.152 |
| ST 4000/S CB M10/4 | 1809260000 | D.152 |
| ST 4000/S CB M10/6 | 1809270000 | D.152 |
| ST 4000/S CB M8/4 | 1809250000 | D.152 |
| ST 4000/S E150 | 1809210000 | D.152 |
| ST 4000/S J2 M10 | 1809340000 | D.152 |
| ST 4000/S J2 M8 | 1809310000 | D.152 |
| ST 4000/S J3 M10 | 1809350000 | D.152 |
| ST 4000/S J3 M8 | 1809320000 | D.152 |
| ST 4000/S J4 M10 | 1809360000 | D.152 |
| ST 4000/S M10 | 1809130000 | D.152 |
| ST 4000/S M10 F | 1809140000 | D.152 |
| ST 4000/S M8 | 1809110000 | D.152 |
| ST 4000/S M8 F | 1809120000 | D.152 |
| ST 4000/S P150 | 1809190000 | D.152 |
| ST 4000/S S150 | 1809470000 | D.152 |
| STB 14/D6/4/M3 SAK10 | 0169900000 | D.173 |
| STB 14/D6/4/M3 SAK10 | 2012420000 | D.74 |
| STB 16/D7/4/M4 SAK35 | 0140200000 | D.173 |
| STB 21.6/45 BL | 1936290000 | D.71 |
| STB 21.6/45 DB | 1938790000 | D.71 |
| STB 21.6/45 GE | 1936240000 | D.71 |
| STB 21.6/45 GN | 1936250000 | D.71 |
| STB 21.6/45 GR | 1936280000 | D.71 |
| STB 21.6/45 RT | 1936300000 | D.71 |
| STB 21.6/45 SW | 1936270000 | D.71 |
| STB 21.6/45 VI | 1936260000 | D.71 |
| STB 21.6/IH/BL WTL6/3 | 1071080000 | D.75 |
| STB 21.6/IH/DB WTL6/3 | 1071000000 | D.173 |
| STB 21.6/IH/GE WTL6/3 | 1071010000 | D.75 |
| STB 21.6/IH/GN WTL6/3 | 1071020000 | D.75 |
| STB 21.6/IH/SW WTL6/3 | 1071040000 | C.68 |
| STB 21.6/IH/VI WTL6/3 | 1071030000 | D.75 |
| STB 25 IH/BL | 0343400000 | D.65 |
| STB 25 IH/GE | 0267200000 | D.65 |
| STB 25 IH/GN | 0271200000 | D.65 |
| STB 25 IH/VI | 0271300000 | D.65 |
| STB 30.5 IH/BL | 0341200000 | D.70 |
| STB 30.5 IH/GE | 0341500000 | D.70 |
| STB 30.5 IH/GN | 0341400000 | D.70 |
| STB 30.5 IH/GR | 0341100000 | D.70 |
| STB 30.5 IH/RT | 0341300000 | D.70 |
| STB 30.5 IH/SW | 0341000000 | D.70 |
| STB 30.5 IH/VI | 0341600000 | D.70 |
| STB 35 IH/BL | 0388700000 | D.70 |
| STB 35 IH/GE | 0389000000 | D.65 |
| STB 35 IH/GN | 0388900000 | D.65 |
| STB 35 IH/GR | 0388600000 | D.70 |
| STB 35 IH/RT | 0388800000 | D.70 |
| STB 35 IH/SW | 0388500000 | D.70 |
| STB 35 IH/VI | 0389100000 | D.65 |

| Type | Order No. | Page |
|---|---|---|
| STB 36.8/IH/BL WTL6/1 | 1847790000 | D.73 |
| STB 36.8/IH/DB WTL6/1 | 1847740000 | B.23 |
| STB 36.8/IH/GE WTL6/1 | 1847760000 | D.73 |
| STB 36.8/IH/GN WTL6/1 | 1847770000 | D.73 |
| STB 36.8/IH/VI WTL6/1 | 1847780000 | D.71 |
| STB 8.5/5/2.3/M3 SAK2.5 | 0280600000 | D.72 |
| STB 8.5/D4/2.3/M2.5 AKZ | 0215700000 | D.173 |
| STGH 4 ZRV1.5 | 1698190000 | C.94 |
| STGH 4 ZRV1.5/PE GN | 1698200000 | C.94 |
| STGH O.R/SW ZRV2.5 | 1898420000 | C.95 |
| STGH O.ZA ZRV2.5 | 1907010000 | C.95 |
| STGH O.ZA/O.R/SW ZRV2.5 | 1898430000 | C.95 |
| STGH ZPC2.5 DB | 2321640000 | C.84 |
| STGH ZRV2.5 | 1907000000 | C.95 |
| STI Waterproof schwarz | 0508401694 | F.39 |
| STR 15 F. ZGB 15 | 1636520000 | F.34 |
| STR 5 F.SCHT 5 | 0294000000 | F.31 |
| STR 5 S F.SCHT 5 S | 1631940000 | F.31 |
| STR 7 F.SCHT 7 | 0515300000 | F.31 |
| STRIPAX | 9005000000 | F.48 |
| STRIPAX 16 | 9005610000 | F.48 |
| STRIPAX PLUS 2.5 | 9020000000 | F.49 |
| SWIFTY | 9006020000 | F.54 |
| SWIFTY SET | 9006060000 | F.54 |

# T

| Type | Order No. | Page |
|---|---|---|
| TH-S 9-40 | 9008880000 | F.58 |
| Tinte 2000 25ml | 1772120000 | F.39 |
| Tintenpatrone PrintJet | 1797460000 | F.36 |
| Tintentank PrintJet II | 1858920000 | F.36 |
| TNST | 1833090000 | D.178 |
| TS 15X5 2M/AL/BK | 0134700000 | F.9 |
| TS 15X5 2M/ST/ZN | 0514200000 | F.9 |
| TS 15X5/LL 1M/ST/ZN | 0117510000 | F.9 |
| TS 15X5/LL 2M/ST/ZN | 0117500000 | F.9 |
| TS 27X12.5M/ST/F.ZN | 1802690000 | E.13 |
| TS 32X15 2M/AL/BK | 0169300000 | F.9 |
| TS 32X15 2M/CRN | 0293220000 | F.9 |
| TS 32X15 2M/ST/ZN | 0122800000 | F.9 |
| TS 32X15/LL 2M/ST/ZN | 0514400000 | F.9 |
| TS 35X15 2M/ST/ZN | 0236400000 | F.10 |
| TS 35X15/2.3 2M/AL/BK | 1848290000 | F.10 |
| TS 35X15/2.3 2M/CU/BK | 0270100000 | F.10 |
| TS 35X15/2.3 2M/ST/ZN | 0498000000 | F.10 |
| TS 35X15/6X18 2M/ST/ZN | 1805980000 | F.10 |
| TS 35X15/6X25 2M/ST/ZN | 1866290000 | F.10 |
| TS 35X15/LL 1M/ST/ZN | 0236510000 | F.10 |
| TS 35X15/LL 2M/ST/ZN | 0236500000 | F.10 |
| TS 35X7.5 1M/ST/ZN | 0383410000 | F.10 |
| TS 35X7.5 2M/AL/BK | 0330800000 | F.10 |
| TS 35X7.5 2M/CRN | 1747350000 | F.10 |
| TS 35X7.5 2M/ST/ZN | 0383400000 | F.10 |
| TS 35X7.5/LL 1M/ST/ZN | 0514510000 | F.10 |
| TS 35X7.5/LL 2M/ST/ZN | 0514500000 | F.10 |
| TS 35X7.5/LL/6 2M/ST/ZN | 0514570000 | F.10 |
| TS END CAP 35X15 | 1283480000 | F.11 |
| TS END CAP 35X7.5 | 1283470000 | F.11 |
| TSCH 1 | 0319160000 | D.92 |
| TSCH 2 | 0353660000 | D.65 |
| TSK 31.5 GR | 0347960000 | F.15 |
| TSK 35X15 2M PVC/GR | 0514300000 | F.11 |
| TSLD 5 | 9918700000 | F.45 |
| TSLD C | 1270310000 | F.45 |
| TST 2/M5 | 1286600000 | F.13 |
| TST 2/M6 | 0101700000 | F.13 |
| TSTW 5/M5 | 0178100000 | F.13 |
| TSTW 5/M5 ZN | 1779100000 | F.13 |
| TSTW 6/M6 | 0164000000 | F.13 |
| TW AKZ2.5 | 0318560000 | D.130 |
| TW AKZ4 | 0348260000 | D.131 |
| TW PRV16 | 1173630000 | B.40 |
| TW PRV16 0-15 | 1230130000 | B.40 |
| TW PRV16 1-16 | 1230120000 | B.40 |
| TW PRV16 A-P | 1230140000 | B.40 |
| TW PRV4 | 1173700000 | B.38 |
| TW PRV4 0-3 | 1230060000 | B.38 |
| TW PRV4 1-4 | 1230050000 | B.38 |
| TW PRV4 A-D | 1230070000 | B.38 |
| TW PRV8 | 1173670000 | B.39 |
| TW PRV8 0-7 | 1230090000 | B.39 |
| TW PRV8 1-8 | 1230080000 | B.39 |
| TW PRV8 A-H | 1230110000 | B.39 |

# V

| Type | Order No. | Page |
|---|---|---|
| VH 12/4.9/3.3 SAK6N | 0249000000 | D.71 |
| VH 13.5/4.9/3.3 SAK4 | 0248500000 | D.76 |
| VH 16/5/3.5 SAK10-35 | 0309700000 | D.63 |
| VH 19/6/4.2 SAKT1 | 0318000000 | D.65 |
| VKSW | 1137530000 | F.45 |
| VLI 1.5 DB | 1784120000 | D.96 |
| VLI 1.5/PE DB | 1784130000 | D.96 |
| VQB 1.5/50 BL | 1633280000 | D.96 |
| VQB 1.5/50 RT | 1633290000 | D.96 |
| VQB 1.5/50 SW | 1635120000 | D.96 |

# W

| Type | Order No. | Page |
|---|---|---|
| WAD 12 M. BL. | 1055960000 | F.33 |
| WAD 12 NEUTRAL | 1056260000 | F.33 |
| WAD 12N GE BED | 1073200000 | D.9 |
| WAD 16N GE BED | 1083600000 | D.11 |
| WAD 16N WS | 1083500000 | D.176 |
| WAD 20 GE WSD | 9512260000 | D.176 |
| WAD 27 M. BL. | 1062860000 | F.33 |
| WAD 27 NEUTRAL | 1062960000 | F.33 |
| WAD 4 GE BED | 1072000000 | D.176 |
| WAD 4 WS | 1072100000 | D.176 |
| WAD 5 MC B GE/SW | 1120450000 | F.33 |
| WAD 5 MC NE GE | 1112920000 | F.33 |
| WAD 5 MC NE WS | 1112910000 | F.33 |
| WAD 5 MC SDR | 1112930000 | F.33 |
| WAD 8 MC B GE/SW | 1120470000 | F.33 |
| WAD 8 MC NE GE | 1112950000 | F.33 |
| WAD 8 MC NE WS | 1112940000 | F.33 |
| WAD 8 MC SDR | 1112970000 | F.33 |
| WAD WDU1.5/BLZ/BLA | 1577400000 | D.100 |
| WAD WMF2.5 | 1142970000 | D.112 |
| WAH 120 | 1064660000 | D.149 |
| WAH 185/300 BE | 1064760000 | D.149 |
| WAH 35 | 1064460000 | D.148 |
| WAH 70 BE | 1064560000 | D.148 |
| WAP 16+35 WTW 2.5-10 | 1050100000 | D.157 |
| WAP 16+35 WTW 2.5-10 BL | 1050180000 | D.157 |
| WAP 16+35 WTW 2.5-10 OR | 1050160000 | D.157 |
| WAP 2.5-10 | 1050000000 | D.156 |
| WAP 2.5-10 BL | 1050080000 | D.156 |
| WAP 2.5-10 BR | 1050070000 | D.156 |
| WAP 2.5-10 GE | 1050020000 | D.156 |
| WAP 2.5-10 GN | 1072200000 | D.156 |
| WAP 2.5-10 GR | 1050050000 | D.156 |
| WAP 2.5-10 OR | 1050060000 | D.156 |
| WAP 2.5-10 RT | 1050040000 | D.156 |
| WAP 2.5-10 SW | 1050010000 | D.156 |
| WAP 2.5-10 VI | 1072210000 | D.156 |
| WAP 2.5-10 WS | 1050090000 | D.156 |
| WAP 2.5-10/0.5mm | 1966380000 | D.156 |
| WAP WDK 2.5N/TR-DU | 1839850000 | D.60 |
| WAP WDK1.5/R3.5 | 1754200000 | D.132 |
| WAP WDK10 | 1186720000 | D.21 |
| WAP WDK10 BL | 1186730000 | D.21 |
| WAP WDK2.5 | 1059100000 | D.157 |
| WAP WDK2.5 BL | 1059180000 | D.157 |
| WAP WDK2.5 GN | 1059140000 | D.157 |
| WAP WDK2.5/4 N | 1084000000 | D.158 |
| WAP WDK2.5/4 N BL | 1084080000 | D.158 |
| WAP WDK2.5/BLZ/M.ZA | 1070100000 | D.101 |
| WAP WDK2.5/BLZ/O.ZA | 1070000000 | D.101 |
| WAP WDK2.5/BLZ/O.ZA LG | 1112130000 | D.157 |
| WAP WDL2.5 | 1067800000 | D.157 |
| WAP WDL2.5/S | 1067700000 | D.157 |
| WAP WDU/WTR4/ZR | 1905070000 | D.157 |
| WAP WDU/WTR4/ZZ | 1905150000 | D.157 |
| WAP WDU1.5/BLZ | 1577330000 | D.100 |
| WAP WDU1.5/BLZ/ZA | 1577320000 | D.100 |
| WAP WDU1.5/R3.5 | 1754190000 | D.133 |
| WAP WDU2.5N/4N | 1060000000 | D.158 |
| WAP WDU2.5N/4N BL | 1060080000 | D.158 |
| WAP WDU2.5N/4N GE | 1060090000 | D.158 |
| WAP WDU2.5N/4N OR | 1060060000 | D.158 |
| WAP WFF120 | 1073000000 | D.158 |
| WAP WFF35 | 1069700000 | D.158 |
| WAP WFF70 | 1069800000 | D.158 |
| WAP WSI4/2 | 1880450000 | D.32 |
| WAP WT4/4AN/2 | 1107780000 | D.102 |
| WAP WTL4/2 | 1881640000 | D.72 |
| WAP WTL6 SL | 9538110000 | D.158 |
| WAP WTL6 SL 4-6 | 1238880000 | D.90 |
| WAP WTL6/1 | 1068300000 | D.65 |
| WAP WTL6/1 EN | 1957710000 | D.74 |
| WAP WTL6/3 | 1879910000 | D.158 |
| WAP WTL6/4FF | 1887240000 | D.76 |
| WAP WTR2.5/ZZ | 1074600000 | D.55 |
| WAP WTR2.5/ZZ BL | 1074680000 | D.157 |
| WAW 1 NEUTRAL | 9004500000 | F.43 |
| WAW 2 | 9004510000 | D.172 |
| WBB WDK2.5/BL5.08 | 1072660000 | D.101 |
| WBB WDU1.5/BL... | 1068160000 | D.100 |
| WBB WMF2.5 BLZ | 1142980000 | D.112 |
| WBB ZA WDK2.5/BL5.08 | 1072760000 | D.101 |
| WBB ZA WDU1.5/BL 10/10 | 1068260000 | D.100 |
| WD 1 25 K KARTE A 6 ST | 1563900000 | D.151 |
| WDK 1.5/R3.5 | 1753290000 | D.132 |
| WDK 10 | 1186740000 | D.21 |
| WDK 10 BL | 1186750000 | D.21 |
| WDK 10 V | 1186770000 | D.21 |
| WDK 10 V BL | 1186780000 | D.21 |
| WDK 2.5 | 1021500000 | D.16 |
| WDK 2.5 1D | 8025610000 | D.117 |
| WDK 2.5 1D A.1 | 1023400000 | D.117 |
| WDK 2.5 1D A.2 | 1023300000 | D.118 |
| WDK 2.5 2D | 1023500000 | D.119 |
| WDK 2.5 2D 1.A | 8014670000 | D.118 |
| WDK 2.5 2D 2.A | 1022600000 | D.119 |
| WDK 2.5 BL | 1021580000 | D.16 |
| WDK 2.5 F | 1021600000 | D.99 |
| WDK 2.5 F BL | 1021680000 | D.99 |
| WDK 2.5 FF | 1021700000 | D.99 |
| WDK 2.5 FV | 1022400000 | D.99 |
| WDK 2.5 LD GR 1R 24VDC | 8010040000 | D.120 |
| WDK 2.5 LD RT 24VDC -+ | 8023630000 | D.120 |
| WDK 2.5 LD RT 24VDC +- | 1023600000 | D.120 |
| WDK 2.5 LD/GN 1R 24VDC | 8023610000 | D.120 |
| WDK 2.5 OR | 1021560000 | D.181 |
| WDK 2.5 ZQV | 1041100000 | D.16 |
| WDK 2.5 ZQV BL | 1041180000 | D.16 |
| WDK 2.5/10 | 1025700000 | D.182 |
| WDK 2.5/BLZ/5.08/ZA | 1034400000 | D.101 |
| WDK 2.5/BLZ/5.08/ZA V | 1027410000 | D.101 |
| WDK 2.5/D | 1023200000 | D.119 |
| WDK 2.5/EX | 1029100000 | D.17 |
| WDK 2.5/TR-DU | 1247290000 | D.60 |
| WDK 2.5/TR-DU STB | 1247310000 | D.60 |
| WDK 2.5/TR-DU-PE | 1247420000 | D.61 |
| WDK 2.5/TR-DU-PE STB | 1247430000 | D.61 |
| WDK 2.5/TR-DU-PE/o TNHE | 1833640000 | D.61 |
| WDK 2.5/TR-DU-PE/o TNHE StB | 1833670000 | D.61 |
| WDK 2.5/TR-DU/o TNHE | 1833600000 | D.60 |
| WDK 2.5/TR-DU/o TNHE StB | 1833610000 | D.60 |
| WDK 2.5DU-PE | 1036400000 | D.17 |
| WDK 2.5N | 1041600000 | D.18 |
| WDK 2.5N BL | 1041680000 | D.18 |
| WDK 2.5N DU-PE | 1041650000 | D.19 |
| WDK 2.5N PE | 1041620000 | D.24 |
| WDK 2.5N V | 1041610000 | D.18 |
| WDK 2.5PE | 1036300000 | D.23 |
| WDK 2.5V | 1022300000 | D.17 |
| WDK 2.5V BL | 1022380000 | D.17 |
| WDK 2.5V GE | 1022350000 | D.181 |
| WDK 2.5V OR | 1022360000 | D.181 |
| WDK 4N | 1041900000 | D.19 |
| WDK 4N BL | 1041980000 | D.19 |
| WDK 4N DU-PE | 1041950000 | D.20 |
| WDK 4N OR | 1041960000 | D.181 |
| WDK 4N PE | 1041920000 | D.26 |
| WDK 4N V | 1041910000 | D.19 |
| WDL 2.5/2/S/NT/L/PE-L/L | 1034100000 | D.182 |
| WDL 2.5/3/S/NT/L/PE | 1034200000 | D.182 |
| WDL 2.5/L | 1030400000 | D.79 |
| WDL 2.5/L/L | 1030300000 | D.78 |
| WDL 2.5/L/L/PE | 1030200000 | D.79 |
| WDL 2.5/N/L/PE | 1029900000 | D.79 |
| WDL 2.5/NT/L/PE | 1029800000 | D.78 |
| WDL 2.5/S/L | 1031300000 | D.81 |
| WDL 2.5/S/L/L | 1031200000 | D.80 |
| WDL 2.5/S/L/L/PE | 1031100000 | D.81 |
| WDL 2.5/S/N/L/PE | 1030700000 | D.81 |
| WDL 2.5/S/NT/L/PE | 1030600000 | D.80 |
| WDS 2 | 1069900000 | D.179 |
| WDT 1.5/1 DB/GE | 1015800000 | D.58 |
| WDT 1.5/2 DB/GE | 1015900000 | D.58 |
| WDT 1.5/3 BL/HB | 1016160000 | D.59 |
| WDT 1.5/3 DB/GE | 1016000000 | D.59 |
| WDTR 2.5 | 9528070000 | D.59 |
| WDTR 2.5 BL | 9528080000 | D.59 |
| WDTR 2.5 O.STB | 1298020000 | D.59 |
| WDTR 2.5/WE | 9528090000 | D.59 |
| WDTR 2.5/WE O.STB | 1297850000 | D.59 |
| WDU 1.5/BLZ 5.08 | 1577340000 | D.100 |
| WDU 1.5/R3.5 | 1753280000 | D.132 |
| WDU 1.5/R3.5 BL | 1754170000 | D.132 |
| WDU 1.5/ZQV/BLZ 5.08 | 1784460000 | D.100 |
| WDU 1.5/ZZ | 1031400000 | D.4 |
| WDU 1.5/ZZ BL | 1031480000 | D.4 |
| WDU 10 | 1020300000 | D.8 |
| WDU 10 BL | 1020380000 | D.8 |
| WDU 10 GE | 1833350000 | D.181 |
| WDU 10 GN | 1833340000 | D.181 |
| WDU 10 OR | 1020360000 | D.181 |
| WDU 10 RT | 1020340000 | D.181 |
| WDU 10 SL | 9537480000 | D.87 |
| WDU 10 SL SW | 9537400000 | D.87 |
| WDU 10 SL/EN | 9537490000 | D.89 |
| WDU 10 SL/EN SW | 9537410000 | D.89 |
| WDU 10 SW | 1020310000 | D.181 |
| WDU 10 WS | 1833380000 | D.181 |
| WDU 10/ZR | 1042400000 | D.9 |
| WDU 10/ZR BL | 1042480000 | D.9 |
| WDU 120/150 | 1024500000 | D.14 |
| WDU 120/150 BL | 1024580000 | D.14 |
| WDU 120/150/5 | 1026600000 | D.182 |
| WDU 120/150/5 N | 1032400000 | D.182 |
| WDU 16 BL | 1020480000 | D.181 |
| WDU 16 RT | 1833400000 | D.181 |
| WDU 16 SW | 1833420000 | D.181 |
| WDU 16/ZA | 1028900000 | D.9 |
| WDU 16/ZA BL | 1028980000 | D.9 |
| WDU 16N | 1036100000 | D.9 |
| WDU 16N BL | 1036180000 | D.9 |
| WDU 2.5 | 1020000000 | D.5 |
| WDU 2.5 BL | 1020080000 | D.5 |
| WDU 2.5 BR | 1037710000 | D.181 |
| WDU 2.5 F 2X2.8 | 1021800000 | D.98 |
| WDU 2.5 FF 2X2.8 | 1021900000 | D.98 |
| WDU 2.5 GE | 1020020000 | D.181 |
| WDU 2.5 GN | 1020090000 | D.181 |
| WDU 2.5 GR | 1037720000 | D.181 |
| WDU 2.5 OR | 1020060000 | D.181 |
| WDU 2.5 PA/VI | 1037700000 | D.181 |
| WDU 2.5 RT | 1020040000 | D.181 |
| WDU 2.5 SW | 1020010000 | D.181 |
| WDU 2.5 WS | 1036800000 | D.181 |
| WDU 2.5/1.5/ZR | 1024700000 | D.4 |
| WDU 2.5/1.5/ZR BL | 1024780000 | D.4 |
| WDU 2.5/10 BEZ | 1020700000 | D.182 |
| WDU 2.5/10 BEZ/NE | 1020800000 | D.182 |
| WDU 2.5/TC TYP B | 1033700000 | D.114 |
| WDU 2.5/TC TYP E | 1033300000 | D.114 |
| WDU 2.5/TC TYP J | 1024300000 | D.114 |
| WDU 2.5/TC TYP K | 1024100000 | D.114 |
| WDU 2.5/TC TYP N | 1041500000 | D.114 |
| WDU 2.5/TC TYP SR | 1024400000 | D.114 |
| WDU 2.5/TC TYP T | 1024200000 | D.114 |
| WDU 2.5N | 1023700000 | D.5 |
| WDU 2.5N BL | 1023780000 | D.5 |
| WDU 2.5N OR | 1023760000 | D.181 |
| WDU 2.5N ZQV | 1040800000 | D.5 |
| WDU 2.5N ZQV BL | 1040880000 | D.5 |
| WDU 2.5N/600UL | 1730940000 | D.6 |
| WDU 240 | 1802780000 | D.13 |
| WDU 240 BL | 1822210000 | D.13 |
| WDU 35 BL | 1020580000 | D.181 |
| WDU 35/IK BL | 1020680000 | D.181 |
| WDU 35/IK/ZA | 1029000000 | D.10 |
| WDU 35/ZA | 1028800000 | D.10 |
| WDU 35/ZA BL | 1028880000 | D.10 |
| WDU 35/ZA OR | 1060220000 | D.181 |
| WDU 35N | 1040400000 | D.11 |
| WDU 35N BL | 1040480000 | D.11 |
| WDU 35N KB BL | 1836550000 | D.181 |
| WDU 4 | 1020100000 | D.6 |
| WDU 4 BL | 1020180000 | D.6 |
| WDU 4 BR | 1037810000 | D.181 |
| WDU 4 GE | 1020120000 | D.181 |
| WDU 4 GE/SW | 1020190000 | D.181 |
| WDU 4 GN | 1020160000 | D.181 |
| WDU 4 GR | 1037800000 | D.181 |
| WDU 4 OR | 1036760000 | D.181 |
| WDU 4 PA/VI | 1037820000 | D.181 |
| WDU 4 RT | 1020140000 | D.181 |
| WDU 4 SL | 9537440000 | D.86 |
| WDU 4 SL/EN | 9537450000 | D.88 |
| WDU 4 SL/EN SW | 9537510000 | D.88 |
| WDU 4 SW | 1020110000 | D.181 |
| WDU 4 WS | 1036700000 | D.181 |
| WDU 4/10 | 1021000000 | D.182 |
| WDU 4/10/BEZ | 1020900000 | D.182 |
| WDU 4/ZR | 1905140000 | D.7 |
| WDU 4/ZZ | 1905060000 | D.7 |
| WDU 4N | 1042600000 | D.7 |
| WDU 4N BL | 1042680000 | D.7 |
| WDU 50N | 1820840000 | D.12 |
| WDU 50N BL | 1820850000 | D.12 |
| WDU 50N IR | 1186630000 | D.12 |
| WDU 6 | 1020200000 | D.8 |
| WDU 6 BL | 1020280000 | D.8 |
| WDU 6 GE | 1040220000 | D.181 |
| WDU 6 GN | 1020290000 | D.181 |
| WDU 6 GR | 1039600000 | D.181 |
| WDU 6 OR | 1020260000 | D.181 |
| WDU 6 RT | 1020240000 | D.181 |
| WDU 6 SL | 9537460000 | D.86 |
| WDU 6 SL/EN | 9537470000 | D.88 |
| WDU 6 SL/EN SW | 9537430000 | D.88 |
| WDU 6 SW | 1020210000 | D.181 |
| WDU 6 WS | 1039700000 | D.181 |
| WDU 70/95 | 1024600000 | D.14 |
| WDU 70/95 BL | 1024680000 | D.14 |
| WDU 70/95/3 | 1026700000 | D.182 |
| WDU 70/95/5/N | 1032300000 | D.182 |
| WDU 70N/35 | 9512190000 | D.13 |
| WDU 70N/35 BL | 9512420000 | D.13 |
| WDU 95N/120N | 1820550000 | D.13 |
| WDU 95N/120N BL | 1820560000 | D.13 |
| WDUL 4 | 8161820000 | D.116 |
| WDUL 4/10 | 1027000000 | D.116 |
| WDUL 4/100 | 1027300000 | D.116 |
| WDUL 4/10K | 1027700000 | D.116 |
| WDUL 4/1K | 1027500000 | D.116 |
| WDUL 4/500 | 1027400000 | D.116 |
| WDUL 4/500K | 1028000000 | D.116 |
| WDUL 4/50K | 1027800000 | D.116 |
| WDUL 4/5K | 1027600000 | D.116 |
| WEW 32/1 | 1067600000 | F.12 |
| WEW 35/1 | 1059000000 | F.12 |
| WEW 35/1 GR | 1227890000 | F.5 |
| WEW 35/1 SW | 1162600000 | F.5 |
| WEW 35/2 | 1061200000 | F.5 |
| WEW 35/2 GR 7042 | 1859200000 | F.5 |
| WEW 35/2 SW | 1061210000 | F.5 |
| WF 10 | 1780870000 | D.145 |
| WF 10/2BZ | 1789790000 | D.147 |
| WF 12 | 1780880000 | D.145 |

| Type | Order No. | Page |
|---|---|---|
| WF 5 | 1790130000 | D.144 |
| WF 6 | 1780850000 | D.144 |
| WF 6/2BZ | 1789770000 | D.146 |
| WF 8 | 1780860000 | D.145 |
| WF 8/2BZ | 1789780000 | D.146 |
| WFF 120 | 1028500000 | D.149 |
| WFF 120 BL | 1028580000 | D.149 |
| WFF 120/AH | 1029500000 | D.149 |
| WFF 185 | 1028600000 | D.149 |
| WFF 185 BL | 1028680000 | D.149 |
| WFF 185/AH | 1029600000 | D.149 |
| WFF 300 | 1028700000 | D.149 |
| WFF 300/AH | 1029700000 | D.149 |
| WFF 35 | 1028300000 | D.148 |
| WFF 35 BL | 1028380000 | D.148 |
| WFF 35/AH | 1029300000 | D.148 |
| WFF 70 | 1028400000 | D.148 |
| WFF 70 BL | 1028480000 | D.148 |
| WFF 70/AH | 1029400000 | D.148 |
| WGB 5 ABDG.M.GRUPPENBEZ | 1050760000 | F.33 |
| WGB 8 ABDG.M.GRUPPENBEZ | 1050960000 | F.33 |
| WHP 2.5-35N/10x3 BL | 1050280000 | D.82 |
| WHP WDL2.5/S BL | 1067980000 | D.80 |
| WK 1/4" C6,3 E6,3 | 9202510000 | F.61 |
| WK IK PH0 | 9918460000 | F.62 |
| WK IK PH1 | 9918470000 | F.62 |
| WK IK PH2 | 9918480000 | F.62 |
| WK IK PZ0 | 9918490000 | F.62 |
| WK IK PZ1 | 9918500000 | F.62 |
| WK IK PZ2 | 9918510000 | F.62 |
| WK K PH0 | 9918570000 | F.61 |
| WK K PH1 | 9918580000 | F.61 |
| WK K PH2 | 9918590000 | F.61 |
| WK K PZ0 | 9918600000 | F.61 |
| WK K PZ1 | 9918610000 | F.61 |
| WK K PZ2 | 9918620000 | F.61 |
| WK S 0,4x2,5 | 9918520000 | F.61 |
| WK S 0,5x3,0 | 9918530000 | F.61 |
| WK S 0,6x3,5 | 9918540000 | F.61 |
| WK S 0,8x4,0 | 9918550000 | F.61 |
| WK S 1,0x5,5 | 9918560000 | F.61 |
| WK SI 0,4x2,5 | 9918410000 | F.62 |
| WK SI 0,5x3,0 | 9918420000 | F.62 |
| WK SI 0,6x3,5 | 9918430000 | F.62 |
| WK SI 0,8x4,0 | 9918440000 | F.62 |
| WK SI 1,0x5,5 | 9918450000 | F.62 |
| WKB 1/10 | 1604330000 | D.71 |
| WKB 1/2 | 1604280000 | D.71 |
| WKB 1/3 | 1604300000 | D.71 |
| WKB 1/4 | 1604320000 | D.71 |
| WKS 1/2 | 1604270000 | D.67 |
| WKS 1/3 | 1604290000 | D.71 |
| WKS 1/4 | 1604310000 | D.71 |
| WKS 2/2 | 1936140000 | D.74 |
| WKS 2/3 | 1936150000 | D.74 |
| WKS 2/4 | 1936160000 | D.73 |
| WMA 4/4 | 1034000000 | D.182 |
| WMA 4/5 | 1033800000 | D.182 |
| WMF 2.5 | 1143070000 | D.106 |
| WMF 2.5 BL | 1270040000 | D.106 |
| WMF 2.5 BLZ | 1143050000 | D.109 |
| WMF 2.5 DI | 1143020000 | D.106 |
| WMF 2.5 DI BL | 1270070000 | D.106 |
| WMF 2.5 DI BLZ | 1143000000 | D.109 |
| WMF 2.5 DI BLZ PE | 1143010000 | D.110 |
| WMF 2.5 DI PE | 1143030000 | D.107 |
| WMF 2.5 DI PE BL | 1270080000 | D.107 |
| WMF 2.5 FU 10-36V SW | 1162930000 | D.108 |
| WMF 2.5 FU 100-250V SW | 1162960000 | D.108 |
| WMF 2.5 FU 30-70V SW | 1162940000 | D.108 |
| WMF 2.5 FU 60-150V SW | 1162950000 | D.108 |
| WMF 2.5 FU BLZ 10-36V SW | 1162990000 | D.111 |
| WMF 2.5 FU BLZ 100-250V SW | 1163020000 | D.111 |
| WMF 2.5 FU BLZ 30-70V SW | 1163000000 | D.111 |
| WMF 2.5 FU BLZ 60-150V SW | 1163010000 | D.111 |
| WMF 2.5 FU BLZ PE 10-36V SW | 1162830000 | D.111 |
| WMF 2.5 FU BLZ PE 100-250V SW | 1162860000 | D.111 |
| WMF 2.5 FU BLZ PE 30-70V SW | 1162840000 | D.111 |
| WMF 2.5 FU BLZ PE 60-150V SW | 1162850000 | D.111 |
| WMF 2.5 FU BLZ PE SW | 1162820000 | D.111 |
| WMF 2.5 FU BLZ SW | 1162980000 | D.111 |
| WMF 2.5 FU PE 10-36V SW | 1163050000 | D.108 |
| WMF 2.5 FU PE 100-250V SW | 1163080000 | D.108 |
| WMF 2.5 FU PE 30-70V SW | 1163060000 | D.108 |
| WMF 2.5 FU PE 60-150V SW | 1163070000 | D.108 |
| WMF 2.5 FU PE SW | 1163040000 | D.108 |
| WMF 2.5 FU SW | 1162920000 | D.108 |
| WNT 10 10X3 | 1010980000 | D.83 |
| WNT 10 10X3 BE | 1010900000 | D.83 |
| WNT 16N 10X3 | 1019000000 | D.83 |
| WNT 2.5 10X3 | 1010680000 | D.82 |
| WNT 2.5 10X3 BE | 1010600000 | D.82 |
| WNT 35N 10X3 | 1718550000 | D.84 |
| WNT 4 10X3 | 1010780000 | D.82 |
| WNT 6 10X3 | 1010880000 | D.83 |
| WNT 70N/35 | 9512210000 | D.84 |
| WP4/1AN/1 | 1107790000 | D.102 |
| WP4/1AN/1 ZA | 1108490000 | D.102 |
| WP4/1AN/10 | 1107800000 | D.102 |

| Type | Order No. | Page |
|---|---|---|
| WPDB 120/35-16-10 1/2-5-4 | 1939470000 | D.124 |
| WPDB 16/6 3/4 | 1939440000 | D.122 |
| WPDB 185/35-16-10 1/2-5-4 | 1939480000 | D.124 |
| WPDB 35-16/16 1-1/6 | 1939450000 | D.122 |
| WPDB 35/16/6/N 1/2/5/11 | 1939510000 | D.126 |
| WPDB 3x70/16 1/6 | 1939490000 | D.125 |
| WPDB 70/16 1/10 | 1939460000 | D.123 |
| WPDB 70/16 1/6 | 1939500000 | D.126 |
| WPE 1.5/R3.5 | 1798460000 | D.133 |
| WPE 1.5/ZZ | 1016500000 | D.22 |
| WPE 10 | 1010300000 | D.27 |
| WPE 10/ZR | 1042500000 | D.28 |
| WPE 120/150 | 1019700000 | D.31 |
| WPE 16 | 1010400000 | D.28 |
| WPE 16N | 1019100000 | D.29 |
| WPE 2.5 | 1010000000 | D.23 |
| WPE 2.5/1.5/ZR | 1016400000 | D.22 |
| WPE 2.5N | 1016200000 | D.23 |
| WPE 35 | 1010500000 | D.29 |
| WPE 35N | 1717740000 | D.29 |
| WPE 4 | 1010100000 | D.24 |
| WPE 4/ZR | 1905120000 | D.25 |
| WPE 4/ZZ | 1905130000 | D.25 |
| WPE 4N | 1042700000 | D.25 |
| WPE 50N | 1846040000 | D.30 |
| WPE 6 | 1010200000 | D.27 |
| WPE 70/95 | 1037300000 | D.31 |
| WPE 70N/35 | 9512200000 | D.30 |
| WPE 95N/120N | 1846030000 | D.31 |
| WPO 4 | 1036000000 | D.115 |
| WQB 240/2 | 1802790000 | D.13 |
| WQB 240/3 | 1802800000 | D.13 |
| WQB A/10 | 1578990000 | D.172 |
| WQB A/2 | 1578950000 | D.172 |
| WQB A/24 | 1579000000 | D.172 |
| WQB A/3 | 1578960000 | D.172 |
| WQB A/4 | 1578970000 | D.172 |
| WQB B/10 | 1579050000 | D.172 |
| WQB B/2 | 1579010000 | D.172 |
| WQB B/24 | 1579060000 | D.172 |
| WQB B/3 | 1579020000 | D.172 |
| WQB B/4 | 1579030000 | D.172 |
| WQB PEN 16N | 1079600000 | D.180 |
| WQB PEN 35N | 1079500000 | D.180 |
| WQB PEN 70N | 1079700000 | D.180 |
| WQB-PEN 10 | 1060300000 | D.180 |
| WQB-PEN 16 | 1060200000 | D.28 |
| WQB-PEN 35 | 1060100000 | D.29 |
| WQL 2 WF10 | 1781010000 | D.150 |
| WQL 2 WF12 | 1781030000 | D.145 |
| WQL 2 WF5 | 1812710000 | D.144 |
| WQL 2 WF6 | 1780970000 | D.150 |
| WQL 2 WF6-10 | 1806620000 | D.150 |
| WQL 2 WF6-8 | 1808980000 | D.150 |
| WQL 2 WF8 | 1780990000 | D.150 |
| WQL 2 WFF120 | 1065100000 | D.149 |
| WQL 2 WFF185 | 1065200000 | D.149 |
| WQL 2 WFF300 | 1065300000 | D.149 |
| WQL 2 WFF35 | 1064900000 | D.148 |
| WQL 2 WFF70 | 1065000000 | D.148 |
| WQL 3 WF10 | 1781020000 | D.150 |
| WQL 3 WF12 | 1781040000 | D.145 |
| WQL 3 WF5 | 1812740000 | D.144 |
| WQL 3 WF6 | 1780980000 | D.150 |
| WQL 3 WF6-10/2 | 1806640000 | D.150 |
| WQL 3 WF8 | 1781000000 | D.150 |
| WQL 3 WFF120 | 1065600000 | D.149 |
| WQL 3 WFF185 | 1065700000 | D.149 |
| WQL 3 WFF300 | 1065800000 | D.149 |
| WQL 3 WFF35 | 1065400000 | D.148 |
| WQL 3 WFF70 | 1065500000 | D.148 |
| WQL 4 WF10 | 1027840000 | D.145 |
| WQL 4 WF8-6/3 | 1904960000 | D.150 |
| WQV 10/10 | 1052460000 | D.169 |
| WQV 10/2 | 1052560000 | D.169 |
| WQV 10/3 | 1054960000 | D.169 |
| WQV 10/4 | 1055060000 | D.169 |
| WQV 120-PEN | 1072400000 | D.31 |
| WQV 120/2 | 1063300000 | D.14 |
| WQV 120/3 | 1063400000 | D.14 |
| WQV 16-2.5 | 1063900000 | D.161 |
| WQV 16/10 | 1053360000 | D.9 |
| WQV 16/2 | 1053260000 | D.9 |
| WQV 16/3 | 1055160000 | D.9 |
| WQV 16/4 | 1055260000 | D.9 |
| WQV 16N-2.5 | 1073100000 | D.162 |
| WQV 16N-4/6 | 1072500000 | D.162 |
| WQV 16N-PEN BL | 1071360000 | D.29 |
| WQV 16N/2 | 1636560000 | D.9 |
| WQV 16N/3 | 1636570000 | D.9 |
| WQV 16N/4 | 1636580000 | D.9 |
| WQV 2.5/10 | 1054460000 | D.168 |
| WQV 2.5/15 | 1059660000 | D.168 |
| WQV 2.5/2 | 1053660000 | D.168 |
| WQV 2.5/20 | 1577570000 | D.168 |
| WQV 2.5/3 | 1053760000 | D.168 |
| WQV 2.5/32 | 1577600000 | D.168 |
| WQV 2.5/4 | 1053860000 | D.168 |
| WQV 2.5/5 | 1053960000 | D.168 |

| Type | Order No. | Page |
|---|---|---|
| WQV 2.5/6 | 1054060000 | D.168 |
| WQV 2.5/7 | 1054160000 | D.168 |
| WQV 2.5/8 | 1054260000 | D.168 |
| WQV 2.5/9 | 1054360000 | D.168 |
| WQV 35-10 | 1068000000 | D.161 |
| WQV 35-2.5 | 1064100000 | D.161 |
| WQV 35/10 | 1053160000 | D.10 |
| WQV 35/2 | 1053060000 | D.10 |
| WQV 35/3 | 1055360000 | D.10 |
| WQV 35/4 | 1055460000 | D.10 |
| WQV 35N/2 | 1079200000 | D.11 |
| WQV 35N/3 | 1079300000 | D.11 |
| WQV 35N/4 | 1079400000 | D.11 |
| WQV 4/10 | 1052060000 | D.168 |
| WQV 4/2 | 1051960000 | D.168 |
| WQV 4/3 | 1054560000 | D.168 |
| WQV 4/4 | 1054660000 | D.168 |
| WQV 4/5 | 1057860000 | D.168 |
| WQV 4/6 | 1057160000 | D.168 |
| WQV 4/7 | 1057260000 | D.168 |
| WQV 50N/2 | 1834060000 | D.12 |
| WQV 50N/3 | 1834070000 | D.12 |
| WQV 50N/4 | 1834080000 | D.12 |
| WQV 6/10 | 1052260000 | D.168 |
| WQV 6/2 | 1052360000 | D.168 |
| WQV 6/3 | 1054760000 | D.168 |
| WQV 6/4 | 1054860000 | D.168 |
| WQV 6/5 | 1062660000 | D.168 |
| WQV 6/6 | 1062670000 | D.168 |
| WQV 6/7 | 1062680000 | D.71 |
| WQV 70/95-PEN | 1072300000 | D.31 |
| WQV 70/95/2 | 1063500000 | D.14 |
| WQV 70/95/3 | 1063600000 | D.14 |
| WQV 70N-PEN | 9525840000 | D.30 |
| WQV 70N/2 | 9512240000 | D.13 |
| WQV 70N/3 | 9512250000 | D.13 |
| WQV 70N/4 | 9531290000 | D.13 |
| WQV 95/120/2 | 1826890000 | D.13 |
| WQV 95/120/3 | 1826900000 | D.13 |
| WQV 95/120/4 | 1826910000 | D.13 |
| WQV PEN 50N | 9201610000 | D.30 |
| WQV PEN 95N/120N | 9201630000 | D.31 |
| WS 10/12 MC NEUTRAL | 1905970000 | F.29 |
| WS 10/12 MC SONDERDRUCK | 1906060000 | F.29 |
| WS 10/15 MC Neutr. | 1854090000 | F.29 |
| WS 10/15 MC Sonderdruck | 1854100000 | F.29 |
| WS 10/5 MC BEDRUCKT | 1635010000 | F.28 |
| WS 10/5 MC MIDD. NEUTR. | 1792000000 | F.28 |
| WS 10/5 MC MIDD. SONDER | 1792010000 | F.28 |
| WS 10/5 MC NEUTRAL | 1635000000 | F.28 |
| WS 10/5 MC NEUTRAL BL | 1773531693 | F.28 |
| WS 10/5 MC NEUTRAL GE | 1773531687 | F.28 |
| WS 10/5 MC NEUTRAL RT | 1773531686 | F.28 |
| WS 10/5 PLUS MC NE WS | 1046380000 | F.28 |
| WS 10/5 PLUS MC SDR | 1046320000 | F.28 |
| WS 10/6 MC Midd. Neutr. | 1818400000 | F.28 |
| WS 10/6 MC Midd. Sonder | 1818410000 | F.29 |
| WS 10/6 MC MIDDLE GE | 1917430000 | F.28 |
| WS 10/6 MC MIDDLE GN | 1917420000 | F.28 |
| WS 10/6 MC MIDDLE OR | 1917410000 | F.28 |
| WS 10/6 MC MIDDLE RT | 1917440000 | F.28 |
| WS 10/6 MC NEUTRAL | 1828450000 | F.28 |
| WS 10/6 MC Sonderdruck | 1828460000 | F.29 |
| WS 10/6 PLUS MC NE WS | 1046390000 | F.28 |
| WS 10/6 PLUS MC SDR | 1046330000 | F.29 |
| WS 10/8 PLUS MC NE WS | 1905950000 | F.29 |
| WS 10/8 PLUS MC SDR | 1906030000 | F.29 |
| WS 12/3,5 MC neutral | 1778270000 | F.28 |
| WS 12/3,5 MC Sonderdr. | 1778280000 | F.28 |
| WS 12/5 MC BEDRUCKT | 1609870000 | F.28 |
| WS 12/5 MC NEUTRAL | 1609860000 | F.28 |
| WS 12/5 MC NEUTRAL BL | 1773541693 | F.28 |
| WS 12/5 MC NEUTRAL GE | 1773541687 | F.28 |
| WS 12/5 MC NEUTRAL OR | 1773541690 | F.28 |
| WS 12/5 MC NEUTRAL RT | 1773541686 | F.28 |
| WS 12/5 PLUS MC NEUTRAL | 1927510000 | F.28 |
| WS 12/5 PLUS SONDERDRUCK | 1927520000 | F.28 |
| WS 12/6 MC BEDRUCKT | 1609910000 | F.29 |
| WS 12/6 MC NEUTRAL | 1609900000 | F.28 |
| WS 12/6 MC NEUTRAL BL | 1773551693 | F.28 |
| WS 12/6 MC NEUTRAL BR | 1773551692 | F.28 |
| WS 12/6 MC NEUTRAL GE | 1773551687 | F.28 |
| WS 12/6 MC NEUTRAL OR | 1773551690 | F.28 |
| WS 12/6 MC NEUTRAL RT | 1773551686 | F.28 |
| WS 12/6 MC NEUTRAL VI | 1773551689 | F.28 |
| WS 12/6 PLUS MC NEUTRAL | 1927530000 | F.28 |
| WS 12/6 PLUS SONDERDRUCK | 1927540000 | F.29 |
| WS 12/6,5 MC BEDRUCKT | 1609930000 | F.29 |
| WS 12/6,5 MC NEUTRAL | 1609920000 | F.29 |
| WS 12/6,5 MC neutral BL | 1773561693 | F.29 |
| WS 12/6,5 MC neutral GE | 1773561687 | F.29 |
| WS 12/6,5 MC neutral GN | 1773561688 | F.29 |
| WS 12/6,5 MC neutral RT | 1773561686 | F.29 |
| WS 12/8 PLUS MC NE WS | 1906000000 | F.29 |
| WS 12/8 PLUS MC SDR | 1906010000 | F.29 |
| WS 14/5 MC NEUTRAL | 1768090000 | F.28 |
| WS 15/5 MC BEDRUCKT | 1609890000 | F.28 |
| WS 15/5 MC NEUTRAL | 1609880000 | F.28 |
| WS 15/5 MC neutral GE | 1773571687 | F.28 |

| Type | Order No. | Page |
|---|---|---|
| WS 8/5 MC BEDRUCKT | 1640750000 | F.28 |
| WS 8/5 MC NEUTRAL | 1640740000 | F.28 |
| WS 8/5 MC NEUTRAL BL | 1773521693 | F.28 |
| WS 8/5 MC NEUTRAL GE | 1773521687 | F.28 |
| WS 8/5 MC NEUTRAL OR | 1773521690 | F.28 |
| WS 8/5 MC NEUTRAL RT | 1773521686 | F.28 |
| WS 8/5 PLUS MC NEUTRAL | 1951870000 | F.28 |
| WS 8/5 PLUS MC SDR | 1038790000 | F.28 |
| WS 8/6 PLUS MC NEUTRAL | 1951880000 | F.28 |
| WS 8/6 PLUS MC SDR | 1038820000 | F.29 |
| WSH 1 | 1068700000 | E.8 |
| WSH 18 MT | 1083100000 | E.9 |
| WSH 19 MT | 1083200000 | E.9 |
| WSH 3/H/N | 1715970000 | E.8 |
| WSH 4 MT | 1079900000 | E.10 |
| WSH 5 | 1080100000 | E.8 |
| WSH 6 | 1080200000 | E.8 |
| WSI 25/1 CC | 1966050000 | D.46 |
| WSI 25/1 CC/LED | 1966070000 | D.46 |
| WSI 25/1 10x38 | 1966020000 | D.46 |
| WSI 25/1 10x38 1KV | 1137790000 | D.47 |
| WSI 25/1 10x38/LED | 1966060000 | D.46 |
| WSI 25/1 10X38/LED 1KV | 1137780000 | D.47 |
| WSI 25/2 CC | 1966040000 | D.46 |
| WSI 25/2 10x38 | 1966090000 | D.46 |
| WSI 25/3 CC | 1966030000 | D.46 |
| WSI 25/3 10x38 | 1966080000 | D.46 |
| WSI 4 | 1886580000 | D.33 |
| WSI 4/2 | 1880430000 | D.32 |
| WSI 4/2/LD 10-36V AC/DC | 1880410000 | D.32 |
| WSI 4/2/LD 140-250V AC/DC | 1880390000 | D.32 |
| WSI 4/2/LD 30-70V AC/DC | 1880440000 | D.32 |
| WSI 4/2/LD 60-150V AC/DC | 1880420000 | D.32 |
| WSI 4/LD 10-36V AC/DC | 1886590000 | D.33 |
| WSI 4/LD 140-250V AC/DC | 1886550000 | D.33 |
| WSI 4/LD 30-70V AC/DC | 1886560000 | D.33 |
| WSI 4/LD 60-150V AC/DC | 1886570000 | D.33 |
| WSI 6 | 1011000000 | D.35 |
| WSI 6 BL | 1011080000 | D.181 |
| WSI 6 OR | 1011060000 | D.181 |
| WSI 6 SW | 1011010000 | D.181 |
| WSI 6/2 GZ/DEF63 | 1014000000 | D.37 |
| WSI 6/2/LD 10-36V DC/AC | 1014100000 | D.38 |
| WSI 6/2/LD 10-36V LLC | 1119800000 | D.43 |
| WSI 6/2/LD 250AC | 1014400000 | D.38 |
| WSI 6/2/LD 250AC LLC | 1119790000 | D.43 |
| WSI 6/2/LD 30-70V DC/AC | 1014200000 | D.38 |
| WSI 6/2/LD 30-70V LLC | 1119810000 | D.43 |
| WSI 6/2/LD 60-150V LLC | 1119820000 | D.43 |
| WSI 6/2/LD 60-150VDC/AC | 1014300000 | D.38 |
| WSI 6/LD 10-36V DC/AC | 1011300000 | D.36 |
| WSI 6/LD 10-36V LLC | 1119840000 | D.42 |
| WSI 6/LD 250AC | 1012400000 | D.36 |
| WSI 6/LD 250AC LLC | 1119870000 | D.42 |
| WSI 6/LD 30-70V DC/AC | 1012200000 | D.36 |
| WSI 6/LD 30-70V LLC | 1119830000 | D.42 |
| WSI 6/LD 60-150V DC/AC | 1012300000 | D.36 |
| WSI 6/LD 60-150V LLC | 1119850000 | D.42 |
| WT4 4AN/2 | 1107680000 | D.102 |
| WTA 1 WDU1.5 | 1632290000 | D.174 |
| WTA 1/ZA WDU1.5 | 1632300000 | D.174 |
| WTA 2 WDU2.5-10 | 1632320000 | D.174 |
| WTA 2/10 WDU2.5/10 | 1632340000 | D.174 |
| WTA 2/ZA WDU2.5-10 | 1632330000 | D.174 |
| WTA 3 WDU4 | 1632350000 | D.174 |
| WTA 3/ZA WDU4 | 1632360000 | D.6 |
| WTA 4N WDK 2.5 | 1878660000 | D.175 |
| WTA 4N/ZA WDK 2.5 | 1879350000 | D.175 |
| WTA 5/1 | 1051260000 | D.175 |
| WTA 6 WTR2.5 | 1632380000 | D.174 |
| WTA 6/ZA WTR2.5 | 1632390000 | D.174 |
| WTA 7 WSI6 | 1650210000 | D.174 |
| WTA 8 KO-TN | 1915480000 | D.175 |
| WTA 8 TN | 1915450000 | D.72 |
| WTD 6 SL | 9538090000 | D.91 |
| WTD 6 SL O.STB | 1238920000 | D.68 |
| WTD 6 SL/EN | 9538100000 | D.69 |
| WTD 6/1 | 1017100000 | D.65 |
| WTD 6/1 EN | 1934830000 | D.63 |
| WTD 6/1 GE | 1631760000 | D.181 |
| WTD 6/1 RT | 1631750000 | D.181 |
| WTD 6/4 FF | 1887220000 | D.76 |
| WTL 4 | 1754960000 | D.72 |
| WTL 4/2 STB | 1881650000 | D.72 |
| WTL 4/STB | 1754970000 | D.72 |
| WTL 6 SL | 1161690000 | D.90 |
| WTL 6 SL O.STB | 1238930000 | D.68 |
| WTL 6 SL/EN | 9538080000 | D.69 |
| WTL 6/1 | 1016700000 | D.65 |
| WTL 6/1 EN | 1934810000 | D.73 |
| WTL 6/1 EN STB | 1934820000 | D.73 |
| WTL 6/1/STB/TNSC/EN | 1938820000 | D.74 |
| WTL 6/1/TNSC/EN | 1345280000 | D.74 |
| WTL 6/2 | 1017700000 | D.75 |
| WTL 6/3 | 1018800000 | D.67 |
| WTL 6/3 BR | 1018640000 | D.181 |
| WTL 6/3/32 | 1018900000 | D.67 |
| WTL 6/3/STB | 1018600000 | D.75 |
| WTL 6/4 FF | 1887210000 | D.76 |

| Type | Order No. | Page |
|---|---|---|
| WTQ 6/1 EN | 1934790000 | D.73 |
| WTQ 6/1 EN STB | 1934800000 | D.73 |
| WTR 2.5 | 1855610000 | D.54 |
| WTR 2.5 BL | 8731640000 | D.54 |
| WTR 2.5 STB2.3 | 1855620000 | D.54 |
| WTR 2.5 STB2.3 BL | 8731660000 | D.54 |
| WTR 2.5/0.TNHE | 8731700000 | D.54 |
| WTR 2.5/0.TNHE STB2.3 | 8731670000 | D.54 |
| WTR 2.5/SI | 1763940000 | D.50 |
| WTR 2.5/SI LD 36V | 1763950000 | D.50 |
| WTR 2.5/ZZ | 1039900000 | D.55 |
| WTR 2.5/ZZ BL | 1039980000 | D.55 |
| WTR 35 E | 1045970000 | D.77 |
| WTR 4 | 7910180000 | D.55 |
| WTR 4 BL | 7910190000 | D.55 |
| WTR 4 SI | 7910240000 | D.50 |
| WTR 4 SI SL | 7910330000 | D.90 |
| WTR 4 SL | 7910270000 | D.87 |
| WTR 4 STB | 7910210000 | D.55 |
| WTR 4 STB BL | 7910220000 | D.55 |
| WTR 4 STB SL | 7910300000 | D.87 |
| WTR 4/SI LD 150V | 7914390000 | D.50 |
| WTR 4/SI LD 250V | 7914400000 | D.50 |
| WTR 4/SI LD 36V | 7914370000 | D.50 |
| WTR 4/SI LD 70V | 7914380000 | D.50 |
| WTR 4/ZR | 1905080000 | D.57 |
| WTR 4/ZR STB | 1905110000 | D.57 |
| WTR 4/ZZ | 1905090000 | D.56 |
| WTR 4/ZZ STB | 1905100000 | D.56 |
| WTR4 SL/EN | 7910360000 | D.89 |
| WTR4 SL/EN STB | 7910390000 | D.89 |
| WTR4 SL/EN SW | 7910380000 | D.89 |
| WTW EN | 1058800000 | D.159 |
| WTW WF10/WF12 | 1780890000 | D.151 |
| WTW WF10/WF12 2300 | 1780920000 | D.151 |
| WTW WF6 | 1781220000 | D.144 |
| WTW WF6 2300 | 1781230000 | D.151 |
| WTW WF6-WF12 | 1781240000 | D.144 |
| WTW WF8 | 1780900000 | D.145 |
| WTW WF8 2300 | 1780910000 | D.151 |
| WTW WFF120 | 1067300000 | D.149 |
| WTW WFF185/300 | 1067400000 | D.149 |
| WTW WFF35 | 1067100000 | D.148 |
| WTW WFF70 | 1067200000 | D.148 |
| WTW WTL6/1 DB | 1068400000 | D.73 |
| WZA D120 | 1066100000 | D.14 |
| WZAD 240 | 1802810000 | D.13 |
| WZAD 50N | 1872720000 | D.12 |
| WZAD 70/95 | 1066000000 | D.14 |
| WZAD 70N | 1964830000 | D.13 |
| WZAD 95N/120N | 1859580000 | D.13 |
| WZAF 120 | 1066300000 | D.179 |
| WZAF 185 | 1066400000 | D.179 |
| WZAF 300 | 1066500000 | D.179 |
| WZAF 35 | 1070500000 | D.179 |
| WZAF 70 | 1066200000 | D.179 |

# Z

| Type | Order No. | Page |
|---|---|---|
| ZAD 1/4 | 1609110000 | C.146 |
| ZAD 1/4-2 GE | 1764560000 | C.147 |
| ZAD 2/4 | 1609080000 | C.147 |
| ZAD 3/4 | 1609120000 | C.147 |
| ZAD 4/5 | 1746730000 | C.10 |
| ZAD 5/5 | 1745210000 | C.11 |
| ZAD 6/5 | 1752620000 | C.12 |
| ZAD 7/4 | 1781940000 | C.146 |
| ZAD 9/4 | 1934160000 | C.147 |
| ZAD ZT/ZPS2.5 | 1861030000 | C.100 |
| ZAP TNHE/ZSI2.5 | 1610840000 | C.54 |
| ZAP ZDU 2.5 S | 1808030000 | C.132 |
| ZAP ZDU 2.5 S BL | 1808040000 | C.72 |
| ZAP ZDU 2.5 S OR | 1808050000 | C.132 |
| ZAP ZDU 4 S | 1808380000 | C.132 |
| ZAP ZDU 4 S BL | 1808390000 | C.72 |
| ZAP ZDU 6 S | 1808250000 | C.132 |
| ZAP ZDU 6 S BL | 1808260000 | C.132 |
| ZAP ZDU10/16S | 1739660000 | C.132 |
| ZAP ZDU4-2 | 1770400000 | C.131 |
| ZAP ZDU4-2 BL | 1770880000 | C.131 |
| ZAP ZDU4-2 OR | 1770890000 | C.131 |
| ZAP ZDU4-2/4AN | 1807010000 | C.131 |
| ZAP ZDU4-2/4AN BL | 1807020000 | C.16 |
| ZAP ZDU4-2/4AN OR | 1807030000 | C.131 |
| ZAP ZDU4/NT | 1757970000 | C.76 |
| ZAP ZDU6-2 | 1771440000 | C.131 |
| ZAP ZDU6-2 BL | 1771450000 | C.131 |
| ZAP ZDU6-2 OR | 1771460000 | C.131 |
| ZAP ZDU6-2 SW | 1814710000 | C.131 |
| ZAP ZDUB | 1704750000 | C.132 |
| ZAP ZDUB BL | 1704760000 | C.132 |
| ZAP ZDUB OR | 1704770000 | C.132 |
| ZAP ZMAK2.5 | 1768010000 | C.34 |
| ZAP ZSI2X6/4X2.5 | 1059310000 | C.63 |
| ZAP ZVLD 2.5 | 1210410000 | C.26 |
| ZAP/TW 1 | 1608740000 | C.130 |
| ZAP/TW 1 BL | 1608750000 | C.130 |
| ZAP/TW 1 GN | 1683680000 | C.130 |
| ZAP/TW 1 GR | 1683710000 | C.130 |
| ZAP/TW 1 OR | 1608760000 | C.130 |
| ZAP/TW 1 RT | 1683660000 | C.130 |
| ZAP/TW 1 SW | 1683730000 | C.130 |
| ZAP/TW 10/16 | 1749580000 | C.131 |
| ZAP/TW 10/16 BL | 1768520000 | C.131 |
| ZAP/TW 2 BL | 1608780000 | C.6 |
| ZAP/TW 2 DB | 1608770000 | C.130 |
| ZAP/TW 2 GN | 1683760000 | C.130 |
| ZAP/TW 2 OR | 1608790000 | C.130 |
| ZAP/TW 2 RT | 1683740000 | C.130 |
| ZAP/TW 3 | 1608800000 | C.130 |
| ZAP/TW 3 BL | 1608810000 | C.7 |
| ZAP/TW 3 GN | 1683840000 | C.130 |
| ZAP/TW 3 GR | 1683870000 | C.130 |
| ZAP/TW 3 OR | 1608820000 | C.130 |
| ZAP/TW 3 RT | 1683820000 | C.130 |
| ZAP/TW 3 SW | 1683890000 | C.130 |
| ZAP/TW 3 WS | 1683880000 | C.130 |
| ZAP/TW 4 | 1632090000 | C.131 |
| ZAP/TW 4 BL | 1632100000 | C.8 |
| ZAP/TW 4 GN | 1683920000 | C.131 |
| ZAP/TW 4 OR | 1632110000 | C.131 |
| ZAP/TW 4/3AN | 7904100000 | C.131 |
| ZAP/TW 4/3AN BL | 7904110000 | C.8 |
| ZAP/TW 4/3AN OR | 7904120000 | C.131 |
| ZAP/TW 5 | 1608830000 | C.131 |
| ZAP/TW 5 BL | 1608840000 | C.9 |
| ZAP/TW 5 OR | 1608850000 | C.131 |
| ZAP/TW ZDK 2.5/3AN | 1924910000 | C.127 |
| ZAP/TW ZDK1.5 | 1791160000 | C.130 |
| ZAP/TW ZDK1.5 BL | 1791170000 | C.130 |
| ZAP/TW ZDK2.5 | 1674730000 | C.130 |
| ZAP/TW ZDK2.5 BL | 1748800000 | C.130 |
| ZAP/TW ZDK2.5 OR | 1690080000 | C.130 |
| ZAP/TW ZDK2.5-2 | 1791050000 | C.131 |
| ZAP/TW ZDK2.5-2 BL | 1791060000 | C.28 |
| ZAP/TW ZDK2.5-2 OR | 1791070000 | C.131 |
| ZAP/TW ZDK4-2 | 8670760000 | C.126 |
| ZAP/TW ZDK4-2 BL | 8670620000 | C.126 |
| ZAP/TW ZDKPE2.5-2 | 1805960000 | C.29 |
| ZAP/TW ZDLD2.5-2N | 1782340000 | C.131 |
| ZAP/TW ZDLD2.5-2N BL | 1782350000 | C.131 |
| ZAP/TW ZDLD2.5-2N OR | 1782360000 | C.131 |
| ZAP/TW ZDT2.5/2 | 1816110000 | C.133 |
| ZAP/TW ZDU/ZPE 2.5N | 1933790000 | C.18 |
| ZAP/TW ZDU/ZPE 2.5N/3AN | 1933800000 | C.18 |
| ZAP/TW ZDU/ZPE 2.5N/4AN | 1933810000 | C.19 |
| ZAP/TW ZDU1.5/2AN | 1776030000 | C.130 |
| ZAP/TW ZDU1.5/2AN BL | 1776040000 | C.4 |
| ZAP/TW ZDU1.5/2AN OR | 1776050000 | C.130 |
| ZAP/TW ZDU1.5/3AN | 1776060000 | C.130 |
| ZAP/TW ZDU1.5/3AN BL | 1776070000 | C.4 |
| ZAP/TW ZDU1.5/3AN OR | 1776080000 | C.130 |
| ZAP/TW ZDU1.5/4AN | 1776090000 | C.130 |
| ZAP/TW ZDU1.5/4AN BL | 1776100000 | C.5 |
| ZAP/TW ZDU1.5/4AN OR | 1776110000 | C.130 |
| ZAP/TW ZDU10 | 1748660000 | C.131 |
| ZAP/TW ZDU10 BL | 1764110000 | C.10 |
| ZAP/TW ZDU16 | 1745150000 | C.131 |
| ZAP/TW ZDU16 BL | 1764100000 | C.11 |
| ZAP/TW ZDUA | 1720960000 | C.117 |
| ZAP/TW ZDUA BL | 1720970000 | C.117 |
| ZAP/TW ZDUA OR | 1720980000 | C.117 |
| ZAP/TW ZDUA2.5-2N | 1808170000 | C.118 |
| ZAP/TW ZIA1.5/3L | 1649540000 | C.110 |
| ZAP/TW ZIA1.5/4L | 1649550000 | C.111 |
| ZAP/TW ZPV1.5 | 1674650000 | C.110 |
| ZAP/TW ZT2.5/2AN | 1816030000 | C.133 |
| ZAP/TW ZT2.5/2AN OR | 1816040000 | C.133 |
| ZAP/TW ZT2.5/3AN | 1816050000 | C.133 |
| ZAP/TW ZT2.5/3AN OR | 1816060000 | C.82 |
| ZAP/TW ZT2.5/4AN/2 | 1816070000 | C.133 |
| ZAP/TW ZT2.5/4AN/2 OR | 1816080000 | C.133 |
| ZAP/TW ZT2.5/4AN/4 | 1816090000 | C.133 |
| ZAP/TW ZT4/2AN | 1855220000 | C.85 |
| ZAP/TW ZT4/2AN OR | 1855230000 | C.85 |
| ZAP/TW ZT4/4AN/2 OR | 1855240000 | C.85 |
| ZAP/TW ZTTR2.5 | 1865520000 | C.93 |
| ZAP/TW4/4AN | 7904210000 | C.131 |
| ZAP/TW4/4AN BL | 7904220000 | C.9 |
| ZAP/TW4/4AN OR | 7904230000 | C.131 |
| ZAP/TW6/3AN | 7907370000 | C.131 |
| ZAP/TW6/3AN BL | 7907380000 | C.9 |
| ZAP/TW6/3AN OR | 7907390000 | C.131 |
| ZAP/TW7 | 1706110000 | C.131 |
| ZAP/TW7 BL | 1706120000 | C.131 |
| ZAP/TW7 OR | 1706130000 | C.131 |
| ZAP/Z...16-2/1AN | 1772970000 | C.131 |
| ZB 10 F.10X3/10X5/10X10 | 1261300000 | F.6 |
| ZB 16 ZKSC | 0316600000 | F.6 |
| ZB 16/6 | 0556800000 | F.6 |
| ZB 16/6K GE/GN | 0569660000 | F.7 |
| ZB 16K BL | 0502880000 | F.7 |
| ZB 16K GE/GN | 0502860000 | F.7 |
| ZB 35/M6X16 | 0266500000 | F.6 |
| ZB 35K BL M6X16 | 0502680000 | F.7 |
| ZB 35K GE/GN M6X16 | 0502660000 | F.7 |
| ZB 35K SW M6X16 | 0502610000 | F.7 |
| ZB 4 | 0316500000 | F.6 |
| ZB 4/6 | 0556700000 | F.6 |
| ZB 4/6K BL | 0565480000 | F.7 |
| ZB 4/6K GE/GN | 0565460000 | F.7 |
| ZB 4G BL | 0322180000 | F.7 |
| ZB 4G GN/GE | 0322160000 | F.7 |
| ZB 4G SW | 0322110000 | F.7 |
| ZB 4K BL | 0475380000 | F.7 |
| ZB 4K GE/GN | 0475360000 | F.7 |
| ZBB ZDUB | 1704740000 | C.115 |
| ZBE 6 | 0459500000 | F.6 |
| ZBE 6K BL | 0525980000 | F.7 |
| ZBE 6K GE/GN | 0525960000 | F.7 |
| ZBE 6K SW | 0525910000 | F.7 |
| ZBS1 F.D SET | 1764550000 | C.149 |
| ZBW 1 | 1669620000 | C.147 |
| ZBW 1/3.5 | 1781930000 | C.147 |
| ZBW 2 | 1650670000 | C.147 |
| ZBW 3 | 1650680000 | C.147 |
| ZBW 4 | 1650690000 | C.147 |
| ZBW-6 | 1650700000 | C.147 |
| ZBWW | 1669630000 | C.147 |
| ZDK 1.5 | 1791100000 | C.20 |
| ZDK 1.5 BL | 1791110000 | C.20 |
| ZDK 1.5DU-PE | 1791120000 | C.21 |
| ZDK 1.5PE | 1791150000 | C.50 |
| ZDK 1.5V | 1791130000 | C.20 |
| ZDK 1.5V BL | 1791140000 | C.20 |
| ZDK 2.5 | 1674300000 | C.22 |
| ZDK 2.5 BL | 1678630000 | C.22 |
| ZDK 2.5 EM | 1768800000 | C.123 |
| ZDK 2.5 OR | 1694140000 | C.123 |
| ZDK 2.5-2 | 1790990000 | C.28 |
| ZDK 2.5-2 BL | 1791000000 | C.28 |
| ZDK 2.5-2 OR | 1831260000 | C.152 |
| ZDK 2.5-2PE | 1791010000 | C.51 |
| ZDK 2.5-2V | 1791030000 | C.28 |
| ZDK 2.5-2V BL | 1791040000 | C.28 |
| ZDK 2.5/3AN | 1924510000 | C.32 |
| ZDK 2.5/3AN BL | 1924500000 | C.32 |
| ZDK 2.5/3AN D2 | 1924450000 | C.127 |
| ZDK 2.5/3AN DU-PE | 1924460000 | C.33 |
| ZDK 2.5/3AN PE | 1924470000 | C.52 |
| ZDK 2.5/3AN V | 1924490000 | C.32 |
| ZDK 2.5/3AN V BL | 1924480000 | C.32 |
| ZDK 2.5/D/1 | 1690020000 | C.124 |
| ZDK 2.5/D/2 | 1690030000 | C.124 |
| ZDK 2.5/D/4 | 1690040000 | C.125 |
| ZDK 2.5/D/5 | 1690050000 | C.125 |
| ZDK 2.5/D/6 | 1690060000 | C.125 |
| ZDK 2.5/LD RT/1 | 1690010000 | C.123 |
| ZDK 2.5/LD RT/2 | 1693940000 | C.123 |
| ZDK 2.5DU-PE | 1689970000 | C.23 |
| ZDK 2.5N-DU | 1689960000 | C.23 |
| ZDK 2.5N-PE | 1689980000 | C.23 |
| ZDK 2.5PE | 1690000000 | C.50 |
| ZDK 2.5V | 1689990000 | C.22 |
| ZDK 2.5V BL | 1745880000 | C.22 |
| ZDK 4-2 | 8670750000 | C.30 |
| ZDK 4-2 BL | 8670850000 | C.30 |
| ZDK 4-2 EL | 8709760000 | C.126 |
| ZDK 4-2 PE | 8671050000 | C.51 |
| ZDK 4-2 V | 8671080000 | C.30 |
| ZDK 4-2/2AN | 1119700000 | C.31 |
| ZDK 4-2/D forward | 8670520000 | C.126 |
| ZDK 4-2/DU-PE | 8671120000 | C.31 |
| ZDK 4-2/N/L | 1905170000 | C.31 |
| ZDKPE 2.5-2 | 1805940000 | C.29 |
| ZDKPE 2.5-2/N/L/PE | 1895700000 | C.29 |
| ZDLD 2.5-2N | 1782300000 | C.24 |
| ZDLD 2.5-2N BL | 1782310000 | C.24 |
| ZDLD 2.5-2N PE | 1131740000 | C.25 |
| ZDLD 2.5-2N/PE/L/L | 1131750000 | C.25 |
| ZDLD 2.5-2N/PE/L/N | 1131760000 | C.25 |
| ZDLD 2.5-2VN | 1782320000 | C.24 |
| ZDLD 2.5-2VN BL | 1782330000 | C.24 |
| ZDT 2.5/2 | 1815150000 | C.90 |
| ZDT 2.5/2 DU-PE | 1815160000 | C.91 |
| ZDT 2.5/2 PE | 1815170000 | C.92 |
| ZDT 2.5/8AN/4 | 1259120000 | C.90 |
| ZDTR 2.5 | 1745400000 | C.67 |
| ZDTR 2.5 BL | 1798330000 | C.67 |
| ZDU 1.5 | 1775480000 | C.4 |
| ZDU 1.5 BL | 1775490000 | C.4 |
| ZDU 1.5 OR | 1775500000 | C.152 |
| ZDU 1.5/2X2AN | 1826970000 | C.5 |
| ZDU 1.5/2X2AN BL | 1826990000 | C.5 |
| ZDU 1.5/2X2AN OR | 1827000000 | C.152 |
| ZDU 1.5/3AN | 1775530000 | C.4 |
| ZDU 1.5/3AN BL | 1775540000 | C.4 |
| ZDU 1.5/3AN OR | 1775550000 | C.152 |
| ZDU 1.5/4AN | 1775580000 | C.5 |
| ZDU 1.5/4AN BL | 1775600000 | C.5 |
| ZDU 1.5/4AN OR | 1775610000 | C.152 |
| ZDU 10 | 1746750000 | C.10 |
| ZDU 10 BL | 1746760000 | C.10 |
| ZDU 10 OR | 1830610000 | C.153 |
| ZDU 10/3AN | 1767690000 | C.10 |
| ZDU 10/3AN BL | 1767700000 | C.10 |
| ZDU 10/NT | 1762420000 | C.76 |
| ZDU 10S | 1739540000 | C.73 |
| ZDU 10S BL | 1739550000 | C.73 |
| ZDU 16 | 1745230000 | C.11 |
| ZDU 16 BL | 1745240000 | C.11 |
| ZDU 16 OR | 1830680000 | C.153 |
| ZDU 16 SW | 1830650000 | C.153 |
| ZDU 16/3AN | 1768320000 | C.11 |
| ZDU 16/3AN BL | 1768330000 | C.11 |
| ZDU 16S | 1739580000 | C.73 |
| ZDU 16S BL | 1739590000 | C.73 |
| ZDU 2.5 | 1608510000 | C.6 |
| ZDU 2.5 BL | 1608520000 | C.6 |
| ZDU 2.5 BR | 1683300000 | C.152 |
| ZDU 2.5 GE | 1683270000 | C.152 |
| ZDU 2.5 GE/GN | 1698780000 | C.152 |
| ZDU 2.5 GN | 1683280000 | C.152 |
| ZDU 2.5 GR | 1683310000 | C.152 |
| ZDU 2.5 OR | 1636780000 | C.152 |
| ZDU 2.5 RT | 1683260000 | C.152 |
| ZDU 2.5 S | 1808010000 | C.72 |
| ZDU 2.5 S BL | 1808020000 | C.72 |
| ZDU 2.5 SW | 1683330000 | C.152 |
| ZDU 2.5 VI | 1683290000 | C.152 |
| ZDU 2.5 WS | 1683320000 | C.152 |
| ZDU 2.5-2 | 1772060000 | C.14 |
| ZDU 2.5-2 BL | 1772070000 | C.14 |
| ZDU 2.5-2 OR | 1772080000 | C.152 |
| ZDU 2.5-2/3AN | 1706010000 | C.14 |
| ZDU 2.5-2/3AN BL | 1706040000 | C.14 |
| ZDU 2.5-2/3AN GE | 1946240000 | C.152 |
| ZDU 2.5-2/3AN OR | 1706050000 | C.152 |
| ZDU 2.5-2/3AN RT | 1946220000 | C.152 |
| ZDU 2.5-2/3AN SW | 1946210000 | C.152 |
| ZDU 2.5-2/3AN WS | 1946230000 | C.152 |
| ZDU 2.5-2/4AN | 1706060000 | C.15 |
| ZDU 2.5-2/4AN BL | 1706070000 | C.15 |
| ZDU 2.5-2/4AN OR | 1706080000 | C.152 |
| ZDU 2.5-2/D- | 1779000000 | C.122 |
| ZDU 2.5-2/D+ | 1779110000 | C.122 |
| ZDU 2.5/2X2AN | 1608600000 | C.7 |
| ZDU 2.5/2X2AN BL | 1608610000 | C.7 |
| ZDU 2.5/2X2AN OR | 1636810000 | C.152 |
| ZDU 2.5/2X2AN/D- | 1650350000 | C.121 |
| ZDU 2.5/2X2AN/D+ | 1650340000 | C.121 |
| ZDU 2.5/2X2AN/LD- | 1692600000 | C.120 |
| ZDU 2.5/2X2AN/LD+ | 1692590000 | C.120 |
| ZDU 2.5/3AN | 1608540000 | C.6 |
| ZDU 2.5/3AN BL | 1608550000 | C.6 |
| ZDU 2.5/3AN GE | 1683350000 | C.152 |
| ZDU 2.5/3AN GE/GN | 1698790000 | C.152 |
| ZDU 2.5/3AN GN | 1683360000 | C.152 |
| ZDU 2.5/3AN GR | 1683390000 | C.152 |
| ZDU 2.5/3AN OR | 1636790000 | C.152 |
| ZDU 2.5/3AN RT | 1683340000 | C.152 |
| ZDU 2.5/3AN SW | 1683410000 | C.152 |
| ZDU 2.5/3AN WS | 1683400000 | C.152 |
| ZDU 2.5/4AN | 1608570000 | C.7 |
| ZDU 2.5/4AN BL | 1608580000 | C.7 |
| ZDU 2.5/4AN BR | 1683460000 | C.152 |
| ZDU 2.5/4AN GE | 1683430000 | C.152 |
| ZDU 2.5/4AN GE/GN | 1692240000 | C.152 |
| ZDU 2.5/4AN GN | 1683440000 | C.152 |
| ZDU 2.5/4AN GR | 1683470000 | C.152 |
| ZDU 2.5/4AN OR | 1636800000 | C.152 |
| ZDU 2.5/4AN RT | 1683420000 | C.152 |
| ZDU 2.5/4AN SW | 1683490000 | C.152 |
| ZDU 2.5/4AN WS | 1683480000 | C.152 |
| ZDU 2.5N | 1933700000 | C.18 |
| ZDU 2.5N BL | 1933710000 | C.18 |
| ZDU 2.5N/3AN | 1933720000 | C.18 |
| ZDU 2.5N/3AN BL | 1933730000 | C.18 |
| ZDU 2.5N/4AN | 1933740000 | C.19 |
| ZDU 2.5N/4AN BL | 1933750000 | C.19 |
| ZDU 35 | 1739620000 | C.12 |
| ZDU 35 BL | 1739630000 | C.12 |
| ZDU 35 OR | 1830760000 | C.153 |
| ZDU 4 | 1632050000 | C.8 |
| ZDU 4 BL | 1632060000 | C.8 |
| ZDU 4 BR | 1683620000 | C.153 |
| ZDU 4 GE | 1683590000 | C.153 |
| ZDU 4 GE/GN | 1698770000 | C.153 |
| ZDU 4 GR | 1683630000 | C.153 |
| ZDU 4 OR | 1636830000 | C.153 |
| ZDU 4 RT | 1683580000 | C.153 |
| ZDU 4 S | 1808360000 | C.72 |
| ZDU 4 S BL | 1808370000 | C.72 |
| ZDU 4 SW | 1683650000 | C.153 |
| ZDU 4 WS | 1683640000 | C.153 |
| ZDU 4-2/2AN | 1770370000 | C.15 |
| ZDU 4-2/2AN BL | 1770840000 | C.15 |
| ZDU 4-2/3AN | 1770360000 | C.15 |
| ZDU 4-2/3AN BL | 1770860000 | C.15 |
| ZDU 4-2/3AN LSC | 1790520000 | C.16 |
| ZDU 4-2/3AN OR | 1770870000 | C.153 |
| ZDU 4-2/4AN | 1806980000 | C.16 |
| ZDU 4-2/4AN BL | 1806990000 | C.16 |
| ZDU 4/3AN | 7904180000 | C.8 |
| ZDU 4/3AN BL | 7904190000 | C.8 |
| ZDU 4/4AN | 7904290000 | C.9 |

| Type | Order No. | Page |
|---|---|---|
| ZDU 4/4AN BL | 7904300000 | C.9 |
| ZDU 4/4AN OR | 8670210000 | C.153 |
| ZDU 4/NT | 1757980000 | C.76 |
| ZDU 4/NT DB | 1778080000 | C.76 |
| ZDU 6 | 1608620000 | C.9 |
| ZDU 6 BL | 1608630000 | C.9 |
| ZDU 6 OR | 1636820000 | C.153 |
| ZDU 6 RT | 1830420000 | C.153 |
| ZDU 6 S | 1808230000 | C.73 |
| ZDU 6 S BL | 1808240000 | C.73 |
| ZDU 6-2/2AN | 1771380000 | C.17 |
| ZDU 6-2/2AN BL | 1771390000 | C.17 |
| ZDU 6-2/2AN OR | 1771400000 | C.153 |
| ZDU 6-2/3AN | 1771410000 | C.17 |
| ZDU 6-2/3AN BL | 1771420000 | C.17 |
| ZDU 6-2/3AN OR | 1771430000 | C.153 |
| ZDU 6/3AN | 7907410000 | C.9 |
| ZDU 6/3AN BL | 7907420000 | C.9 |
| ZDU 6/3AN OR | 8670420000 | C.153 |
| ZDUA 2.5-2 | 1720920000 | C.117 |
| ZDUA 2.5-2 BL | 1720930000 | C.117 |
| ZDUA 2.5-2 OR | 1720940000 | C.117 |
| ZDUA 2.5-2N | 1808200000 | C.118 |
| ZDUA 2.5-2N BL | 1808180000 | C.118 |
| ZDUB 2.5-2/2AN/15 | 1712750000 | C.116 |
| ZDUB 2.5-2/2AN/15 BL | 1712760000 | C.116 |
| ZDUB 2.5-2/2AN/15 OR | 1712770000 | C.116 |
| ZDUB 2.5-2/2AN/DB | 1704500000 | C.115 |
| ZDUB 2.5-2/2AN/DB BL | 1704510000 | C.115 |
| ZDUB 2.5-2/2AN/DB GE | 1704530000 | C.115 |
| ZDUB 2.5-2/2AN/DM | 1704350000 | C.115 |
| ZDUB 2.5-2/2AN/DM BL | 1704360000 | C.115 |
| ZDUB 2.5-2/2AN/DM GE | 1704380000 | C.115 |
| ZDUB 2.5-2/2AN/DM OR | 1704370000 | C.115 |
| ZDUB 2.5-2/2AN/RC | 1712820000 | C.114 |
| ZDUB 2.5-2/2AN/RC BL | 1712830000 | C.114 |
| ZDUB 2.5-2/2AN/RC GE | 1712850000 | C.114 |
| ZDUB 2.5-2/2AN/RC OR | 1712840000 | C.114 |
| ZDUB 2.5-2/4AN/15 | 1712780000 | C.116 |
| ZDUB 2.5-2/4AN/15 BL | 1712790000 | C.116 |
| ZDUB 2.5-2/4AN/15 OR | 1712800000 | C.116 |
| ZDUB 2.5-2/4AN/DB | 1704690000 | C.115 |
| ZDUB 2.5-2/4AN/DB BL | 1704700000 | C.115 |
| ZDUB 2.5-2/4AN/DB GE | 1704720000 | C.115 |
| ZDUB 2.5-2/4AN/DM | 1704540000 | C.115 |
| ZDUB 2.5-2/4AN/DM BL | 1704550000 | C.115 |
| ZDUB 2.5-2/4AN/DM GE | 1704570000 | C.115 |
| ZDUB 2.5-2/4AN/DM OR | 1704560000 | C.115 |
| ZDUB 2.5-2/4AN/RC | 1712970000 | C.114 |
| ZDUB 2.5-2/4AN/RC BL | 1712980000 | C.114 |
| ZDUB 2.5-2/4AN/RC GE | 1713000000 | C.114 |
| ZDUS | 1676640000 | C.149 |
| ZE ZRV2.5 | 2318670000 | C.95 |
| ZEI 16 | 1745350000 | C.11 |
| ZEI 16 BL | 1766240000 | C.11 |
| ZEI 16-2/1AN | 1772940000 | C.17 |
| ZEI 16-2/1AN BL | 1772950000 | C.17 |
| ZEI 6 | 1791190000 | C.5 |
| ZEW 15 | 7920340000 | F.12 |
| ZEW 35 | 9540000000 | F.12 |
| ZEW 35 GR | 1238040000 | F.12 |
| ZEW 35/2 | 8630740000 | F.12 |
| ZEW 35/2 GR | 1227850000 | F.12 |
| ZEW 35/2 SW | 1162610000 | F.12 |
| ZF 4 S | 1814680000 | F.7 |
| ZF 4 S BL | 1814660000 | F.7 |
| ZF 4 S GN | 1814670000 | F.7 |
| ZGB 15 | 1636530000 | F.34 |
| ZGB 30 | 1611930000 | F.34 |
| ZHP S | 1808290000 | C.132 |
| ZHP S SO | 1808280000 | C.132 |
| ZHP ZDU4/NT SO | 1803890000 | C.76 |
| ZIA 1.5/3L-1S | 1651980000 | C.110 |
| ZIA 1.5/3L-1S/LD-RT | 1651990000 | C.110 |
| ZIA 1.5/3L-PE | 1652000000 | C.110 |
| ZIA 1.5/4L-1S | 1652010000 | C.111 |
| ZIA 1.5/4L-1S/LD | 1652020000 | C.111 |
| ZIA 1.5/4L-PE | 1652030000 | C.111 |
| ZMAK 2.5 | 1768000000 | C.34 |
| ZMAK 2.5 690V | 1027550000 | C.34 |
| ZNT 10S | 1739560000 | C.74 |
| ZNT 16S | 1739600000 | C.75 |
| ZNT 35 | 1739640000 | C.75 |
| ZNT 6 S | 1808320000 | C.74 |
| ZP 2.5/1AN | 1875150000 | C.98 |
| ZP 2.5/1AN GN | 1875180000 | C.98 |
| ZP 2.5/1AN ZA | 1875190000 | C.98 |
| ZP 2.5/1AN ZA BL | 1009070000 | C.98 |
| ZP 2.5/1AN ZA GN | 1875200000 | C.98 |
| ZP 2.5/1AN ZA O.RA | 1875210000 | C.98 |
| ZP 2.5/1AN ZA O.RA BL | 1972980000 | C.98 |
| ZP 2.5/1AN ZA O.RA GN | 1875220000 | C.98 |
| ZP 2.5/1AN/1 | 1815430000 | C.83 |
| ZP 2.5/1AN/1 GN | 1820580000 | C.96 |
| ZP 2.5/1AN/10 | 1815560000 | C.83 |
| ZP 2.5/1AN/10 GN/BE | 1867170000 | C.96 |
| ZP 2.5/1AN/11 | 1815570000 | C.96 |
| ZP 2.5/1AN/11 GN/BE | 1867180000 | C.96 |
| ZP 2.5/1AN/12 | 1815580000 | C.96 |
| ZP 2.5/1AN/12 GN/BE | 1867190000 | C.96 |
| ZP 2.5/1AN/13 | 1815590000 | C.96 |
| ZP 2.5/1AN/13 GN/BE | 1867200000 | C.96 |
| ZP 2.5/1AN/14 | 1815600000 | C.96 |
| ZP 2.5/1AN/14 GN/BE | 1867210000 | C.96 |
| ZP 2.5/1AN/15 | 1815610000 | C.96 |
| ZP 2.5/1AN/15 GN/BE | 1867220000 | C.96 |
| ZP 2.5/1AN/16 | 1815620000 | C.96 |
| ZP 2.5/1AN/17 | 1815180000 | C.96 |
| ZP 2.5/1AN/17 GN/BE | 1867240000 | C.96 |
| ZP 2.5/1AN/2 | 1815440000 | C.83 |
| ZP 2.5/1AN/2 GN/BE | 1867090000 | C.96 |
| ZP 2.5/1AN/24 | 1815720000 | C.96 |
| ZP 2.5/1AN/3 | 1815450000 | C.83 |
| ZP 2.5/1AN/3 GN/BE | 1867100000 | C.96 |
| ZP 2.5/1AN/4 | 1815500000 | C.83 |
| ZP 2.5/1AN/4 GN/BE | 1867110000 | C.96 |
| ZP 2.5/1AN/5 | 1815510000 | C.83 |
| ZP 2.5/1AN/5 GN/BE | 1867120000 | C.96 |
| ZP 2.5/1AN/6 | 1815520000 | C.96 |
| ZP 2.5/1AN/6 GN/BE | 1867130000 | C.96 |
| ZP 2.5/1AN/7 | 1815530000 | C.83 |
| ZP 2.5/1AN/7 GN/BE | 1867140000 | C.96 |
| ZP 2.5/1AN/8 | 1815540000 | C.83 |
| ZP 2.5/1AN/8 GN/BE | 1867150000 | C.96 |
| ZP 2.5/1AN/9 | 1815550000 | C.83 |
| ZP 2.5/1AN/9 GN/BE | 1867160000 | C.96 |
| ZP 2.5/1AN/QV | 1007900000 | C.98 |
| ZP 2.5/1AN/QV BL | 1007910000 | C.98 |
| ZP 2.5/1AN/QV GN | 1007920000 | C.98 |
| ZP 2.5/1AN/QV ZA | 1007930000 | C.98 |
| ZP 2.5/1AN/QV ZA BL | 1007940000 | C.98 |
| ZP 2.5/1AN/QV ZA GN | 1007950000 | C.98 |
| ZP 2.5/1AN/QV ZA O.RA | 1007960000 | C.98 |
| ZP 2.5/1AN/QV ZAO.RA BL | 1007970000 | C.98 |
| ZP 2.5/1AN/QV ZAO.RA GN | 1007980000 | C.98 |
| ZP 2.5/1AN/QV/1 | 1815190000 | C.97 |
| ZP 2.5/1AN/QV/1 GN | 1820570000 | C.97 |
| ZP 2.5/1AN/QV/10 | 1815280000 | C.97 |
| ZP 2.5/1AN/QV/11 | 1815290000 | C.97 |
| ZP 2.5/1AN/QV/12 | 1815300000 | C.97 |
| ZP 2.5/1AN/QV/13 | 1815310000 | C.97 |
| ZP 2.5/1AN/QV/14 | 1815320000 | C.97 |
| ZP 2.5/1AN/QV/15 | 1815330000 | C.97 |
| ZP 2.5/1AN/QV/16 | 1815340000 | C.97 |
| ZP 2.5/1AN/QV/17 | 1815350000 | C.97 |
| ZP 2.5/1AN/QV/2 | 1815200000 | C.97 |
| ZP 2.5/1AN/QV/3 | 1815210000 | C.97 |
| ZP 2.5/1AN/QV/4 | 1815220000 | C.97 |
| ZP 2.5/1AN/QV/5 | 1815230000 | C.97 |
| ZP 2.5/1AN/QV/6 | 1815240000 | C.97 |
| ZP 2.5/1AN/QV/7 | 1815250000 | C.97 |
| ZP 2.5/1AN/QV/8 | 1815260000 | C.97 |
| ZP 2.5/1AN/QV/9 | 1815270000 | C.97 |
| ZP 2.5/2AN/QV | 1007810000 | C.99 |
| ZP 2.5/2AN/QV BL | 1007820000 | C.99 |
| ZP 2.5/2AN/QV GN | 1007830000 | C.99 |
| ZP 2.5/2AN/QV ZA | 1007840000 | C.99 |
| ZP 2.5/2AN/QV ZA BL | 1007850000 | C.99 |
| ZP 2.5/2AN/QV ZA GN | 1007860000 | C.99 |
| ZP 2.5/2AN/QV ZA O.RA | 1007870000 | C.99 |
| ZP 2.5/2AN/QV ZAO.RA BL | 1007880000 | C.99 |
| ZP 2.5/2AN/QV ZAO.RA GN | 1007890000 | C.99 |
| ZP 2.5/2AN/QV/1 | 1815730000 | C.97 |
| ZP 2.5/2AN/QV/1 GN | 1820590000 | C.97 |
| ZP 2.5/2AN/QV/10 | 1815820000 | C.97 |
| ZP 2.5/2AN/QV/11 | 1815830000 | C.97 |
| ZP 2.5/2AN/QV/12 | 1815840000 | C.97 |
| ZP 2.5/2AN/QV/13 | 1815850000 | C.97 |
| ZP 2.5/2AN/QV/14 | 1815860000 | C.97 |
| ZP 2.5/2AN/QV/15 | 1815870000 | C.97 |
| ZP 2.5/2AN/QV/16 | 1815880000 | C.97 |
| ZP 2.5/2AN/QV/2 | 1815740000 | C.97 |
| ZP 2.5/2AN/QV/3 | 1815750000 | C.97 |
| ZP 2.5/2AN/QV/4 | 1815760000 | C.97 |
| ZP 2.5/2AN/QV/5 | 1815770000 | C.97 |
| ZP 2.5/2AN/QV/6 | 1815780000 | C.97 |
| ZP 2.5/2AN/QV/7 | 1815790000 | C.97 |
| ZP 2.5/2AN/QV/8 | 1815800000 | C.97 |
| ZP 2.5/2AN/QV/9 | 1815810000 | C.97 |
| ZP 4/1AN/1 | 1848340000 | C.85 |
| ZP 4/1AN/1 GN | 1854980000 | C.97 |
| ZP 4/1AN/10 | 1855070000 | C.85 |
| ZP 4/1AN/11 | 1855080000 | C.97 |
| ZP 4/1AN/12 | 1855090000 | C.97 |
| ZP 4/1AN/13 | 1855100000 | C.97 |
| ZP 4/1AN/14 | 1855110000 | C.97 |
| ZP 4/1AN/15 | 1855120000 | C.97 |
| ZP 4/1AN/16 | 1855130000 | C.97 |
| ZP 4/1AN/2 | 1854990000 | C.85 |
| ZP 4/1AN/3 | 1855000000 | C.85 |
| ZP 4/1AN/4 | 1855010000 | C.85 |
| ZP 4/1AN/5 | 1855020000 | C.85 |
| ZP 4/1AN/6 | 1855030000 | C.85 |
| ZP 4/1AN/7 | 1855040000 | C.85 |
| ZP 4/1AN/8 | 1855050000 | C.85 |
| ZP 4/1AN/9 | 1855060000 | C.85 |
| ZPE 1.5 | 1775510000 | C.36 |
| ZPE 1.5/3AN | 1775560000 | C.36 |
| ZPE 1.5/4AN | 1775620000 | C.37 |
| ZPE 10 | 1746770000 | C.41 |
| ZPE 10/3AN | 1767670000 | C.41 |
| ZPE 10S | 1739570000 | C.78 |
| ZPE 16 | 1745250000 | C.42 |
| ZPE 16-2/1AN | 1772960000 | C.47 |
| ZPE 16/3AN | 1768310000 | C.42 |
| ZPE 16S | 1739610000 | C.79 |
| ZPE 2.5 | 1608640000 | C.37 |
| ZPE 2.5 S | 1808330000 | C.77 |
| ZPE 2.5-2 | 1772090000 | C.44 |
| ZPE 2.5-2/3AN | 1706090000 | C.44 |
| ZPE 2.5-2/4AN | 1706100000 | C.45 |
| ZPE 2.5/3AN | 1608650000 | C.37 |
| ZPE 2.5/4AN | 1608660000 | C.38 |
| ZPE 2.5N | 1933760000 | C.48 |
| ZPE 2.5N/3AN | 1933770000 | C.48 |
| ZPE 2.5N/4AN | 1933780000 | C.49 |
| ZPE 35 | 1739650000 | C.43 |
| ZPE 4 | 1632080000 | C.38 |
| ZPE 4 S | 1808340000 | C.77 |
| ZPE 4-2/2AN | 1770380000 | C.45 |
| ZPE 4-2/3AN | 1770390000 | C.45 |
| ZPE 4-2/4AN | 1807090000 | C.46 |
| ZPE 4/3AN | 7904170000 | C.39 |
| ZPE 4/4AN | 7904280000 | C.39 |
| ZPE 6 | 1608670000 | C.40 |
| ZPE 6 S | 1808350000 | C.78 |
| ZPE 6-2/2AN | 1771370000 | C.46 |
| ZPE 6-2/3AN | 1771360000 | C.47 |
| ZPE 6/3AN | 7907400000 | C.40 |
| ZPEA 2.5-2 | 1720950000 | C.117 |
| ZPEA 2.5-2N | 1808210000 | C.118 |
| ZPEB 2.5-2 | 1712810000 | C.117 |
| ZPS 2.5/1AN/QV/1 | 1861040000 | C.99 |
| ZPS 2.5/1AN/QV/1 GN | 1861050000 | C.99 |
| ZPS 2.5/1AN/QV/6 | 1865940000 | C.103 |
| ZPV 1.5 | 1676630000 | C.110 |
| ZQB 2.5-2 | 1677120000 | C.140 |
| ZQS 2.5/2 | 1633200000 | C.141 |
| ZQS 2.5/3 | 1633210000 | C.141 |
| ZQS 2.5/4 | 1633220000 | C.141 |
| ZQS 2.5/5 | 1633230000 | C.141 |
| ZQV 1.5/10 | 1776200000 | C.140 |
| ZQV 1.5/2 | 1776120000 | C.140 |
| ZQV 1.5/3 | 1776130000 | C.140 |
| ZQV 1.5/4 | 1776140000 | C.140 |
| ZQV 1.5/5 | 1776150000 | C.140 |
| ZQV 1.5N/R3.5/10 GE | 1754290000 | D.132 |
| ZQV 1.5N/R3.5/2 GE | 1754210000 | D.132 |
| ZQV 1.5N/R3.5/3 GE | 1754220000 | D.132 |
| ZQV 1.5N/R3.5/4 GE | 1754230000 | D.132 |
| ZQV 10/2 | 1739680000 | C.141 |
| ZQV 16/2 | 1739690000 | C.141 |
| ZQV 2.5/10 | 1608940000 | C.140 |
| ZQV 2.5/2 | 1608860000 | C.140 |
| ZQV 2.5/20 | 1908960000 | C.140 |
| ZQV 2.5/3 | 1608870000 | C.140 |
| ZQV 2.5/4 | 1608880000 | C.140 |
| ZQV 2.5/5 | 1608890000 | B.49 |
| ZQV 2.5/50 | 1697540000 | C.110 |
| ZQV 2.5/6 | 1608900000 | B.49 |
| ZQV 2.5/7 | 1608910000 | B.49 |
| ZQV 2.5/8 | 1608920000 | B.49 |
| ZQV 2.5/9 | 1608930000 | B.49 |
| ZQV 2.5N/10 BL | 1718070000 | D.165 |
| ZQV 2.5N/10 GE | 1693880000 | D.165 |
| ZQV 2.5N/10 RT | 1717980000 | D.165 |
| ZQV 2.5N/10 SW | 1718160000 | D.165 |
| ZQV 2.5N/2 BL | 1717990000 | D.165 |
| ZQV 2.5N/2 GE | 1693800000 | D.165 |
| ZQV 2.5N/2 RT | 1717900000 | D.165 |
| ZQV 2.5N/2 SW | 1718080000 | D.165 |
| ZQV 2.5N/20 BL | 1909140000 | D.165 |
| ZQV 2.5N/20 GE | 1909000000 | D.165 |
| ZQV 2.5N/20 RT | 1909110000 | D.165 |
| ZQV 2.5N/20 SW | 1909130000 | D.165 |
| ZQV 2.5N/3 BL | 1718000000 | D.165 |
| ZQV 2.5N/3 GE | 1693810000 | D.165 |
| ZQV 2.5N/3 RT | 1717910000 | D.165 |
| ZQV 2.5N/3 SW | 1718090000 | D.165 |
| ZQV 2.5N/4 BL | 1718010000 | D.165 |
| ZQV 2.5N/4 GE | 1693820000 | D.165 |
| ZQV 2.5N/4 RT | 1717920000 | D.165 |
| ZQV 2.5N/4 SW | 1718100000 | D.165 |
| ZQV 2.5N/5 BL | 1718020000 | D.165 |
| ZQV 2.5N/5 GE | 1693830000 | C.140 |
| ZQV 2.5N/5 RT | 1717930000 | D.165 |
| ZQV 2.5N/5 SW | 1718110000 | D.165 |
| ZQV 2.5N/50 GE | 1693890000 | C.117 |
| ZQV 2.5N/6 BL | 1718030000 | D.165 |
| ZQV 2.5N/6 GE | 1693840000 | C.140 |
| ZQV 2.5N/6 RT | 1717940000 | D.165 |
| ZQV 2.5N/6 SW | 1718120000 | D.165 |
| ZQV 2.5N/7 BL | 1718040000 | D.165 |
| ZQV 2.5N/7 GE | 1693850000 | C.140 |
| ZQV 2.5N/7 RT | 1717950000 | D.165 |
| ZQV 2.5N/7 SW | 1718130000 | D.165 |
| ZQV 2.5N/8 BL | 1718050000 | D.165 |
| ZQV 2.5N/8 GE | 1693860000 | C.140 |
| ZQV 2.5N/8 RT | 1717960000 | D.165 |
| ZQV 2.5N/8 SW | 1718140000 | D.165 |
| ZQV 2.5N/9 BL | 1718060000 | D.165 |
| ZQV 2.5N/9 GE | 1693870000 | C.140 |
| ZQV 2.5N/9 RT | 1717970000 | D.165 |
| ZQV 2.5N/9 SW | 1718150000 | D.165 |
| ZQV 35-10 | 7920100000 | C.140 |
| ZQV 35/2 | 1739700000 | C.12 |
| ZQV 4/10 GE | 1609030000 | C.140 |
| ZQV 4/2 GE | 1608950000 | C.140 |
| ZQV 4/20 GE | 1909010000 | C.140 |
| ZQV 4/3 GE | 1608960000 | C.140 |
| ZQV 4/4 GE | 1608970000 | C.140 |
| ZQV 4/5 GE | 1608980000 | C.140 |
| ZQV 4/6 GE | 1608990000 | C.140 |
| ZQV 4/7 GE | 1609000000 | C.140 |
| ZQV 4/8 GE | 1609010000 | C.140 |
| ZQV 4/9 GE | 1609020000 | C.140 |
| ZQV 4N/10 BL | 1794050000 | D.165 |
| ZQV 4N/10 GE | 1758260000 | D.165 |
| ZQV 4N/10 RT | 1794040000 | D.165 |
| ZQV 4N/10 SW | 1794060000 | D.165 |
| ZQV 4N/2 BL | 1793960000 | D.165 |
| ZQV 4N/2 GE | 1758250000 | D.165 |
| ZQV 4N/2 RT | 1793950000 | D.165 |
| ZQV 4N/2 SW | 1793970000 | D.165 |
| ZQV 4N/20 BL | 1909100000 | D.165 |
| ZQV 4N/20 GE | 1909020000 | D.165 |
| ZQV 4N/20 RT | 1909150000 | D.165 |
| ZQV 4N/20 SW | 1909120000 | D.165 |
| ZQV 4N/3 BL | 1793990000 | D.165 |
| ZQV 4N/3 GE | 1762630000 | D.165 |
| ZQV 4N/3 RT | 1793980000 | D.165 |
| ZQV 4N/3 SW | 1794000000 | D.165 |
| ZQV 4N/4 BL | 1794020000 | D.165 |
| ZQV 4N/4 GE | 1762620000 | D.165 |
| ZQV 4N/4 RT | 1794010000 | D.165 |
| ZQV 4N/4 SW | 1794030000 | D.165 |
| ZQV 6/2 GE | 1627850000 | C.141 |
| ZQV 6/24 GE | 1908990000 | C.141 |
| ZQV 6/3 GE | 1627860000 | C.141 |
| ZQV 6/4 GE | 1627870000 | C.141 |
| ZQV 6N/2 | 1906210000 | B.5 |
| ZQV 6N/20 | 1906240000 | B.5 |
| ZQV 6N/3 | 1906220000 | B.5 |
| ZQV 6N/4 | 1906230000 | B.5 |
| ZR WPO4 DB | 1071100000 | D.115 |
| ZRH 1.5H/1 | 1678810000 | C.148 |
| ZRH 1.5H/2 | 1678800000 | C.148 |
| ZRH 1.5N/1 | 1632140000 | C.148 |
| ZRH 1.5N/2 | 1632130000 | C.148 |
| ZRH 1.5S/1 | 1781950000 | C.148 |
| ZRH 1.5S/2 | 1781960000 | C.148 |
| ZRH 2.5/1 WS | 1614300000 | C.148 |
| ZRH 2.5/2 GR/V0 | 1614290000 | C.148 |
| ZRH 2.5/3 | 1614280000 | C.148 |
| ZRH 4/1 WS | 1636640000 | C.148 |
| ZRH 4/2 | 1636650000 | C.148 |
| ZRV 1.5 | 1698160000 | C.94 |
| ZRV 1.5/PE | 1698170000 | C.94 |
| ZRV 2.5/1 | 1906960000 | C.95 |
| ZRV 2.5/2 | 1906970000 | C.95 |
| ZS 10/5 MC BEDRUCKT | 1610010000 | F.29 |
| ZS 10/5 MC NEUTRAL | 1610000000 | F.29 |
| ZS 12/6 BEDRUCKT | 1610030000 | F.29 |
| ZS 12/6 MC NEUTRAL | 1610020000 | F.29 |
| ZS 15/5 MC BEDRUCKT | 1646640000 | F.29 |
| ZS 15/5 MC NEUTRAL | 1646630000 | F.29 |
| ZSI 2.5 | 1616400000 | C.54 |
| ZSI 2.5-2/2X2AN/G20 | 1826050000 | C.58 |
| ZSI 2.5-2/2X2AN/G20/GL | 1826030000 | C.58 |
| ZSI 2.5-2/2X2AN/G20/LD1 | 1867440000 | C.59 |
| ZSI 2.5-2/2X2AN/G20/LD3 | 1867420000 | C.59 |
| ZSI 2.5-2/2X2AN/G20/LD4 | 1879730000 | C.59 |
| ZSI 2.5-2/2X2AN/G25 | 1826200000 | C.58 |
| ZSI 2.5-2/2X2AN/G25/GL | 1826090000 | C.58 |
| ZSI 2.5/2 500AC | 1616460000 | C.56 |
| ZSI 2.5/2/LD 120AC | 1616490000 | C.57 |
| ZSI 2.5/2/LD 250AC | 1616500000 | C.57 |
| ZSI 2.5/2/LD 28AC | 1616470000 | C.57 |
| ZSI 2.5/2/LD 60AC | 1616480000 | C.57 |
| ZSI 2.5/5X25 | 1730900000 | C.55 |
| ZSI 2.5/LD 120AC | 1616420000 | C.55 |
| ZSI 2.5/LD 250AC | 1616410000 | C.55 |
| ZSI 2.5/LD 28AC | 1616440000 | C.55 |
| ZSI 2.5/LD 60AC | 1616430000 | C.55 |
| ZSI 2X6/4X2.5 | 1265990000 | C.64 |
| ZSI 2X6/4X2.5 FC | 1058520000 | C.63 |
| ZSI 6-2 2X2.5/G20 | 1820930000 | C.60 |
| ZSI 6-2 2X2.5/G20/GL | 1820860000 | C.60 |
| ZSI 6-2 2X2.5/G20/LD1 | 1867500000 | C.61 |
| ZSI 6-2 2X2.5/G20/LD4 | 1879750000 | C.61 |
| ZSI 6-2 2X2.5/G25 | 1820950000 | C.60 |
| ZSI 6-2 2X2.5/G25/GL | 1820940000 | C.60 |
| ZSI 6-2/FC | 1814690000 | C.62 |
| ZSI 6-2/FC LD | 1814700000 | C.62 |
| ZST | 1678680000 | C.151 |
| ZST 1 | 1269070000 | D.178 |

| Type | Order No. | Page |
|---|---|---|
| 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 |

| Order No. | Type | Page |
|---|---|---|
| **0100000000** | | |
| 0101700000 | TST 2/M6 | F.13 |
| 0103300000 | BFSC M4X9T | F.4 |
| **0110000000** | | |
| 0117500000 | TS 15X5/LL 2M/ST/ZN | F.9 |
| 0117510000 | TS 15X5/LL 1M/ST/ZN | F.9 |
| **0120000000** | | |
| 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 |
| **0130000000** | | |
| 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 O.D2 | D.136 |
| 0134500000 | D2 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 O.D4 | D.136 |
| 0140500000 | D4 KS4 TP | D.136 |
| 0140620000 | KS 6 O.D6 | D.136 |
| 0140800000 | D6 KS6 TP | D.136 |
| 0141620000 | KS 10 O.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 |

| Order No. | Type | Page |
|---|---|---|
| **0150000000** | | |
| 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 |
| **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 |
| **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/LL 2M/ST/ZN | F.10 |
| 0236510000 | TS 35X15/LL 1M/ST/ZN | F.10 |
| **0240000000** | | |
| 0241260000 | MK 2/12 | D.134 |
| 0243520000 | MK 3/12 | D.134 |
| 0243820000 | MK 5/2 O.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 |

| Order No. | Type | Page |
|---|---|---|
| 0259800000 | SSCH 10X3X1000 MS/BK | F.3 |
| **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 O 1-12 | D.134 |
| **0280000000** | | |
| 0280100000 | DKSUE NSCH/ESCH | F.3 |
| 0280200000 | NSCH 1M | 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 |
| 0284110000 | 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** | | |
| 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 OR | 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 |

| Order No. | Type | Page |
|---|---|---|
| 0329300000 | QVS 3 SAKT1+2 | D.70 |
| **0330000000** | | |
| 0330800000 | TS 35X7.5 2M/AL/BK | F.10 |
| 0334700000 | BS 25 O.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** | | |
| 0340460000 | AKZ 1.5 | D.130 |
| 0340480000 | AKZ 1.5 BL | D.130 |
| 0340560000 | AP AKZ1.5 | D.130 |
| 0340580000 | AP AKZ1.5 BL | D.130 |
| 0341000000 | STB 30.5 IH/SW | D.70 |
| 0341100000 | STB 30.5 IH/GR | D.70 |
| 0341200000 | STB 30.5 IH/BL | D.70 |
| 0341300000 | STB 30.5 IH/RT | D.70 |
| 0341400000 | STB 30.5 IH/GN | D.70 |
| 0341500000 | STB 30.5 IH/GE | D.70 |
| 0341600000 | STB 30.5 IH/VI | D.70 |
| 0343400000 | STB 25 IH/BL | D.65 |
| 0347960000 | TSK 31.5 GR | F.15 |
| 0348260000 | TW AKZ4 | D.131 |
| 0348900000 | SSCH 10X3X1000 CU/SN | F.3 |
| **0350000000** | | |
| 0353500000 | FKSC M6X12 D9/SW3 | F.13 |
| 0353660000 | TSCH 2 | D.65 |
| 0354361187 | DEK 5 FWZ L1-PE | F.21 |
| 0354361203 | DEK 5 FWZ L1-EIK | F.21 |
| 0357400000 | SSCH 15X6X1000 CU/SN | F.3 |
| 0358460000 | QVS 2/S SAKT1+2 | D.70 |
| 0359310000 | SK E18 SAKS5 | D.49 |
| 0359560000 | AKZ 4/10 | D.182 |
| 0359660000 | AKZ 4/10/BEZ | D.182 |
| **0360000000** | | |
| 0361300000 | E 18/20A BL | D.49 |
| 0361400000 | E 18/25A GE | D.49 |
| 0361500000 | E 18/35A SW | D.49 |
| 0361600000 | E 18/50A WS | D.52 |
| 0361700000 | E 18/63A KU | D.52 |
| 0361800000 | P 18/20 D02 BL SAKS5 | D.49 |
| 0361900000 | P 18/25 D02 GE SAKS5 | D.49 |
| 0362000000 | P 18/35 D02 SW SAKS5 | D.49 |
| 0362100000 | P 18/50 D02 WS SAKS5 | D.49 |
| 0364200000 | AK 95 | F.5 |
| 0368200000 | Q 2 AKZ1.5 | D.130 |
| 0368300000 | Q 3 AKZ1.5 | D.130 |
| 0368400000 | Q 4 AKZ1.5 | D.130 |
| 0368500000 | Q 10 AKZ1.5 | D.130 |
| 0368600000 | Q 10 AKZ4 | D.131 |
| 0368900000 | H35,0/18 | F.77 |
| 0369000000 | Q 2 AKZ4SS | D.17 |
| 0369300000 | Q 10 AKZ4SS | D.17 |
| **0370000000** | | |
| 0372600000 | H1,0/6 | F.77 |
| 0372700000 | H1,5/7 | F.77 |
| 0373000000 | H2,5/7 | F.77 |
| 0373100000 | H4,0/9 | F.77 |
| 0375200000 | H16,0/18 | F.77 |
| 0375300000 | H25,0/18 | F.77 |
| 0379300000 | H10,0/18 | F.77 |
| **0380000000** | | |
| 0380260000 | AKE 4 | D.131 |
| 0382860000 | EW 15 | F.12 |
| 0383400000 | TS 35X7.5 2M/ST/ZN | F.10 |
| 0383410000 | TS 35X7.5 1M/ST/ZN | F.10 |
| 0383530000 | EW 35 GR 7032 | F.12 |
| 0383560000 | EW 35 | F.12 |
| 0388500000 | STB 35 IH/SW | D.70 |
| 0388600000 | STB 35 IH/GR | D.70 |
| 0388700000 | STB 35 IH/BL | D.70 |
| 0388800000 | STB 35 IH/RT | D.70 |
| 0388900000 | STB 35 IH/GN | D.65 |
| 0389000000 | STB 35 IH/GE | D.65 |
| 0389100000 | STB 35 IH/VI | D.65 |

| Order No. | Type | Page |
|---|---|---|

## 0400000000

| | | |
|---|---|---|
| 0401460000 | SO 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

| | | |
|---|---|---|
| 0444200000 | H50/36 OLIV | F.66 |
| 0445600000 | MEW 1/32 | F.12 |

## 0450000000

| | | |
|---|---|---|
| 0459500000 | ZBE 6 | F.6 |

## 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 |
| 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

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

| | | |
|---|---|---|
| 0485100000 | IS 4 DIN 6911 | F.63 |
| 0485200000 | ADP 1/HP1 1M | F.15 |
| 0485300000 | ADP 2/HP2 1M | F.15 |
| 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

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

## 0500000000

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

| | | |
|---|---|---|
| 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/LL 2M/ST/ZN | F.9 |
| 0514500000 | TS 35X7.5/LL 2M/ST/ZN | F.10 |
| 0514510000 | TS 35X7.5/LL 1M/ST/ZN | F.10 |
| 0514570000 | TS 35X7.5/LL/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

| | | |
|---|---|---|
| 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 |
| 0522660023 | DEK 5 GW 23 | F.21 |
| 0522660024 | DEK 5 GW 24 | F.21 |
| 0522660025 | DEK 5 GW 25 | F.21 |
| 0522660026 | DEK 5 GW 26 | F.21 |
| 0522660027 | DEK 5 GW 27 | F.21 |
| 0522660028 | DEK 5 GW 28 | F.21 |
| 0522660029 | DEK 5 GW 29 | F.21 |
| 0522660030 | DEK 5 GW 30 | F.21 |
| 0522660031 | DEK 5 GW 31 | F.21 |
| 0522660032 | DEK 5 GW 32 | F.21 |
| 0522660033 | DEK 5 GW 33 | F.21 |
| 0522660034 | DEK 5 GW 34 | F.21 |
| 0522660035 | DEK 5 GW 35 | F.21 |
| 0522660036 | DEK 5 GW 36 | F.21 |
| 0522660037 | DEK 5 GW 37 | F.21 |
| 0522660038 | DEK 5 GW 38 | F.21 |
| 0522660039 | DEK 5 GW 39 | F.21 |
| 0522660040 | DEK 5 GW 40 | F.21 |
| 0522660041 | DEK 5 GW 41 | F.21 |
| 0522660042 | DEK 5 GW 42 | F.21 |
| 0522660043 | DEK 5 GW 43 | F.21 |
| 0522660044 | DEK 5 GW 44 | F.21 |
| 0522660045 | DEK 5 GW 45 | F.21 |
| 0522660046 | DEK 5 GW 46 | F.21 |
| 0522660047 | DEK 5 GW 47 | F.21 |
| 0522660048 | DEK 5 GW 48 | F.21 |
| 0522660049 | DEK 5 GW 49 | F.21 |
| 0522660050 | DEK 5 GW 50 | F.21 |
| 0522660051 | DEK 5 GW 51 | F.21 |
| 0522660052 | DEK 5 GW 52 | F.21 |
| 0522660053 | DEK 5 GW 53 | F.21 |
| 0522660054 | DEK 5 GW 54 | F.21 |
| 0522660055 | DEK 5 GW 55 | F.21 |
| 0522660056 | DEK 5 GW 56 | F.21 |
| 0522660057 | DEK 5 GW 57 | F.21 |
| 0522660058 | DEK 5 GW 58 | F.21 |
| 0522660059 | DEK 5 GW 59 | F.21 |
| 0522660060 | DEK 5 GW 60 | F.21 |
| 0522660061 | DEK 5 GW 61 | F.21 |
| 0522660062 | DEK 5 GW 62 | F.21 |
| 0522660063 | DEK 5 GW 63 | F.21 |
| 0522660064 | DEK 5 GW 64 | F.21 |
| 0522660065 | DEK 5 GW 65 | F.21 |
| 0522660066 | DEK 5 GW 66 | F.21 |
| 0522660067 | DEK 5 GW 67 | F.21 |
| 0522660068 | DEK 5 GW 68 | F.21 |
| 0522660069 | DEK 5 GW 69 | F.21 |
| 0522660070 | DEK 5 GW 70 | F.21 |
| 0522660071 | DEK 5 GW 71 | F.21 |
| 0522660072 | DEK 5 GW 72 | F.21 |
| 0522660073 | DEK 5 GW 73 | F.21 |
| 0522660074 | DEK 5 GW 74 | F.21 |
| 0522660075 | DEK 5 GW 75 | F.21 |
| 0522660076 | DEK 5 GW 76 | F.21 |
| 0522660077 | DEK 5 GW 77 | F.21 |
| 0522660078 | DEK 5 GW 78 | F.21 |
| 0522660079 | DEK 5 GW 79 | F.21 |
| 0522660080 | DEK 5 GW 80 | F.21 |
| 0522660081 | DEK 5 GW 81 | F.21 |
| 0522660082 | DEK 5 GW 82 | F.21 |
| 0522660083 | DEK 5 GW 83 | F.21 |
| 0522660084 | DEK 5 GW 84 | F.21 |
| 0522660085 | DEK 5 GW 85 | F.21 |
| 0522660086 | DEK 5 GW 86 | F.21 |
| 0522660087 | DEK 5 GW 87 | F.21 |
| 0522660088 | DEK 5 GW 88 | F.21 |
| 0522660089 | DEK 5 GW 89 | F.21 |
| 0522660090 | DEK 5 GW 90 | F.21 |
| 0522660091 | DEK 5 GW 91 | F.21 |
| 0522660092 | DEK 5 GW 92 | F.21 |
| 0522660093 | DEK 5 GW 93 | F.21 |
| 0522660094 | DEK 5 GW 94 | F.21 |
| 0522660095 | DEK 5 GW 95 | F.21 |
| 0522660096 | DEK 5 GW 96 | F.21 |
| 0522660097 | DEK 5 GW 97 | F.21 |
| 0522660098 | DEK 5 GW 98 | F.21 |
| 0522660099 | DEK 5 GW 99 | F.21 |
| 0522660100 | DEK 5 GW 100 | F.21 |
| 0522660101 | DEK 5 GW 101 | F.21 |
| 0522660102 | DEK 5 GW 102 | F.21 |
| 0522660103 | DEK 5 GW 103 | F.21 |
| 0522660104 | DEK 5 GW 104 | F.21 |
| 0522660105 | DEK 5 GW 105 | F.21 |
| 0522660106 | DEK 5 GW 106 | F.21 |
| 0522660107 | DEK 5 GW 107 | F.21 |
| 0522660108 | DEK 5 GW 108 | F.21 |
| 0522660109 | DEK 5 GW 109 | F.21 |
| 0522660110 | DEK 5 GW 110 | F.21 |
| 0522660111 | DEK 5 GW 111 | F.21 |
| 0522660112 | DEK 5 GW 112 | F.21 |
| 0522660113 | DEK 5 GW 113 | F.21 |
| 0522660114 | DEK 5 GW 114 | F.21 |
| 0522660115 | DEK 5 GW 115 | F.21 |
| 0522660116 | DEK 5 GW 116 | F.21 |
| 0522660117 | DEK 5 GW 117 | F.21 |
| 0522660118 | DEK 5 GW 118 | F.21 |
| 0522660119 | DEK 5 GW 119 | F.21 |
| 0522660120 | DEK 5 GW 120 | F.21 |
| 0522660121 | DEK 5 GW 121 | F.21 |
| 0522660122 | DEK 5 GW 122 | F.21 |

| Order No. | Type | Page |
|---|---|---|
| 0522660123 | DEK 5 GW 123 | F.21 |
| 0522660124 | DEK 5 GW 124 | F.21 |
| 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 |
| 0522660162 | DEK 5 GW 162 | F.22 |
| 0522660163 | DEK 5 GW 163 | F.22 |
| 0522660164 | DEK 5 GW 164 | F.22 |
| 0522660165 | DEK 5 GW 165 | F.22 |
| 0522660166 | DEK 5 GW 166 | F.22 |
| 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 |
| 0522660171 | DEK 5 GW 171 | F.22 |
| 0522660172 | DEK 5 GW 172 | F.22 |
| 0522660173 | DEK 5 GW 173 | F.22 |
| 0522660174 | DEK 5 GW 174 | F.22 |
| 0522660175 | DEK 5 GW 175 | F.22 |
| 0522660176 | DEK 5 GW 176 | F.22 |
| 0522660177 | DEK 5 GW 177 | F.22 |
| 0522660178 | DEK 5 GW 178 | F.22 |
| 0522660179 | DEK 5 GW 179 | F.22 |
| 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 |
| 0522660184 | DEK 5 GW 184 | F.22 |
| 0522660185 | DEK 5 GW 185 | F.22 |
| 0522660186 | DEK 5 GW 186 | F.22 |
| 0522660187 | DEK 5 GW 187 | F.22 |
| 0522660188 | DEK 5 GW 188 | F.22 |
| 0522660189 | DEK 5 GW 189 | F.22 |
| 0522660190 | DEK 5 GW 190 | F.22 |
| 0522660191 | DEK 5 GW 191 | F.22 |
| 0522660192 | DEK 5 GW 192 | F.22 |
| 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 |
| 0522761032 | DEK 5 GW L | F.22 |
| 0522761033 | DEK 5 GW M | F.22 |
| 0522761034 | DEK 5 GW N | F.22 |
| 0522761035 | DEK 5 GW O | F.22 |
| 0522761036 | DEK 5 GW P | F.22 |
| 0522761037 | DEK 5 GW Q | F.22 |
| 0522761038 | DEK 5 GW R | F.22 |
| 0522761039 | DEK 5 GW S | F.22 |
| 0522761040 | DEK 5 GW T | F.22 |
| 0522761041 | DEK 5 GW U | F.22 |

| Order No. | Type | Page |
|---|---|---|
| 0522761042 | DEK 5 GW V | F.22 |
| 0522761043 | DEK 5 GW W | F.22 |
| 0522761044 | DEK 5 GW X | F.22 |
| 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 |
| 0526960007 | DEK 6 GW 7 | F.22 |
| 0526960008 | DEK 6 GW 8 | F.22 |
| 0526960009 | DEK 6 GW 9 | F.22 |
| 0526960010 | DEK 6 GW 10 | F.22 |
| 0526960011 | DEK 6 GW 11 | F.22 |
| 0526960012 | DEK 6 GW 12 | F.22 |
| 0526960013 | DEK 6 GW 13 | F.22 |
| 0526960014 | DEK 6 GW 14 | F.22 |
| 0526960015 | DEK 6 GW 15 | F.22 |
| 0526960016 | DEK 6 GW 16 | F.22 |
| 0526960017 | DEK 6 GW 17 | F.22 |
| 0526960018 | DEK 6 GW 18 | F.22 |
| 0526960019 | DEK 6 GW 19 | F.22 |
| 0526960020 | DEK 6 GW 20 | F.22 |
| 0526960021 | DEK 6 GW 21 | F.22 |
| 0526960022 | DEK 6 GW 22 | F.22 |
| 0526960023 | DEK 6 GW 23 | F.22 |
| 0526960024 | DEK 6 GW 24 | F.22 |
| 0526960025 | DEK 6 GW 25 | F.22 |
| 0526960026 | DEK 6 GW 26 | F.22 |
| 0526960027 | DEK 6 GW 27 | F.22 |
| 0526960028 | DEK 6 GW 28 | F.22 |
| 0526960029 | DEK 6 GW 29 | F.22 |
| 0526960030 | DEK 6 GW 30 | F.22 |
| 0526960031 | DEK 6 GW 31 | F.22 |
| 0526960032 | DEK 6 GW 32 | F.22 |
| 0526960033 | DEK 6 GW 33 | F.22 |
| 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 |
| 0526960038 | DEK 6 GW 38 | F.22 |
| 0526960039 | DEK 6 GW 39 | F.22 |
| 0526960040 | DEK 6 GW 40 | F.22 |
| 0526960041 | DEK 6 GW 41 | F.22 |
| 0526960042 | DEK 6 GW 42 | F.22 |
| 0526960043 | DEK 6 GW 43 | F.22 |
| 0526960044 | DEK 6 GW 44 | F.22 |
| 0526960045 | DEK 6 GW 45 | F.22 |
| 0526960046 | DEK 6 GW 46 | F.22 |
| 0526960047 | DEK 6 GW 47 | F.22 |
| 0526960048 | DEK 6 GW 48 | F.22 |
| 0526960049 | DEK 6 GW 49 | F.22 |
| 0526960050 | DEK 6 GW 50 | F.22 |
| 0526960051 | DEK 6 GW 51 | F.22 |
| 0526960052 | DEK 6 GW 52 | F.22 |
| 0526960053 | DEK 6 GW 53 | F.22 |
| 0526960054 | DEK 6 GW 54 | F.22 |
| 0526960055 | DEK 6 GW 55 | F.22 |
| 0526960056 | DEK 6 GW 56 | F.22 |
| 0526960057 | DEK 6 GW 57 | F.22 |
| 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 |
| 0526960068 | DEK 6 GW 68 | F.22 |
| 0526960069 | DEK 6 GW 69 | F.22 |
| 0526960070 | DEK 6 GW 70 | F.22 |
| 0526960071 | DEK 6 GW 71 | F.22 |
| 0526960072 | DEK 6 GW 72 | F.22 |
| 0526960073 | DEK 6 GW 73 | F.22 |
| 0526960074 | DEK 6 GW 74 | F.22 |
| 0526960075 | DEK 6 GW 75 | F.22 |
| 0526960076 | DEK 6 GW 76 | F.22 |
| 0526960077 | DEK 6 GW 77 | F.22 |
| 0526960078 | DEK 6 GW 78 | F.22 |
| 0526960079 | DEK 6 GW 79 | F.22 |

| Order No. | Type | Page |
|---|---|---|
| 0526960080 | DEK 6 GW 80 | F.22 |
| 0526960081 | DEK 6 GW 81 | F.22 |
| 0526960082 | DEK 6 GW 82 | F.22 |
| 0526960083 | DEK 6 GW 83 | F.22 |
| 0526960084 | DEK 6 GW 84 | F.22 |
| 0526960085 | DEK 6 GW 85 | F.22 |
| 0526960086 | DEK 6 GW 86 | F.22 |
| 0526960087 | DEK 6 GW 87 | F.22 |
| 0526960088 | DEK 6 GW 88 | F.22 |
| 0526960089 | DEK 6 GW 89 | F.22 |
| 0526960090 | DEK 6 GW 90 | F.22 |
| 0526960091 | DEK 6 GW 91 | F.22 |
| 0526960092 | DEK 6 GW 92 | F.22 |
| 0526960093 | DEK 6 GW 93 | F.22 |
| 0526960094 | DEK 6 GW 94 | F.22 |
| 0526960095 | DEK 6 GW 95 | F.23 |
| 0526960096 | DEK 6 GW 96 | F.23 |
| 0526960097 | DEK 6 GW 97 | F.23 |
| 0526960098 | DEK 6 GW 98 | F.23 |
| 0526960099 | DEK 6 GW 99 | F.23 |
| 0526960100 | DEK 6 GW 100 | F.23 |
| 0526961000 | DEK 6 GW 0 | F.22 |

## 0530000000

| | | |
|---|---|---|
| 0531760000 | SSP 3 SAKT1 | D.70 |
| 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

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

| | | |
|---|---|---|
| 0553400000 | MB M5/M3 SW | F.14 |
| 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

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

| | | |
|---|---|---|
| 0571300000 | SSCH 6X6X1000 CU/SN | F.3 |
| 0576260000 | DEK 5 GW | F.21 |
| 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.KR. | 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

| | | |
|---|---|---|
| 0620120000 | MK 6/6 | D.135 |
| 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

| | | |
|---|---|---|
| 0631860000 | DEK 6 FWZ R,S,T,N,ERDE | F.22 |
| 0631961187 | DEK 6 FWZ L1-PE | F.22 |
| 0631961203 | DEK 6 FWZ L1-ERDE I.KRE | 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.KR | F.23 |
| 0632560000 | DEK 6 FW L,N,PE | F.22 |
| 0635100000 | H1,5/16 R | F.66 |
| 0635960000 | KLBUE SH1 | F.4 |
| 0636800000 | FM 5/TS35 | F.14 |
| 0636900000 | FM 6/TS35 | F.14 |

| Order No. | Type | Page |
|---|---|---|

## 0640000000

| | | |
|---|---|---|
| 0641720000 | SH 2 S | F.4 |
| 0642600000 | FKSC M6X8 D9/SW3 | F.13 |
| 0646210000 | MOFU 35/LO/1 SW | F.14 |
| 0646260000 | MOFU 35/LO/1 | F.14 |
| 0646400000 | G 25/0.80A/M GR | C.65 |

## 0680000000

| | | |
|---|---|---|
| 0687900000 | FM 4/TS35 | F.14 |
| 0688660000 | DEK 6 FW 1-5 (10X) | F.22 |

## 0690000000

| | | |
|---|---|---|
| 0690700000 | H0,5/14 OR | F.66 |
| 0697160000 | AKZ 2.5 | D.130 |
| 0697180000 | AKZ 2.5 BL | D.130 |
| 0697360000 | AP AKZ2.5 | D.130 |
| 0697380000 | AP AKZ2.5 BL | D.130 |

## 1000000000

| | | |
|---|---|---|
| 1001180001 | PRINTJET PRO 230V | F.36 |
| 1005710000 | PLOTTER PEN 0.50 P-INK | F.39 |
| 1007810000 | ZP 2.5/2AN/QV | C.99 |
| 1007820000 | ZP 2.5/2AN/QV BL | C.99 |
| 1007830000 | ZP 2.5/2AN/QV GN | C.99 |
| 1007840000 | ZP 2.5/2AN/QV ZA | C.99 |
| 1007850000 | ZP 2.5/2AN/QV ZA BL | C.99 |
| 1007860000 | ZP 2.5/2AN/QV ZA GN | C.99 |
| 1007870000 | ZP 2.5/2AN/QV ZA O.RA | C.99 |
| 1007880000 | ZP 2.5/2AN/QV ZAO.RA BL | C.99 |
| 1007890000 | ZP 2.5/2AN/QV ZAO.RA GN | C.99 |
| 1007900000 | ZP 2.5/1AN/QV | C.98 |
| 1007910000 | ZP 2.5/1AN/QV BL | C.98 |
| 1007920000 | ZP 2.5/1AN/QV GN | C.98 |
| 1007930000 | ZP 2.5/1AN/QV ZA | C.98 |
| 1007940000 | ZP 2.5/1AN/QV ZA BL | C.98 |
| 1007950000 | ZP 2.5/1AN/QV ZA GN | C.98 |
| 1007960000 | ZP 2.5/1AN/QV ZA O.RA | C.98 |
| 1007970000 | ZP 2.5/1AN/QV ZAO.RA BL | C.98 |
| 1007980000 | ZP 2.5/1AN/QV ZAO.RA GN | C.98 |
| 1009070000 | ZP 2.5/1AN ZA BL | C.98 |

## 1010000000

| | | |
|---|---|---|
| 1010000000 | WPE 2.5 | D.23 |
| 1010100000 | WPE 4 | D.24 |
| 1010200000 | WPE 6 | D.27 |
| 1010300000 | WPE 10 | D.27 |
| 1010400000 | WPE 16 | D.28 |
| 1010500000 | WPE 35 | D.29 |
| 1010600000 | WNT 2.5 10X3 BE | D.82 |
| 1010680000 | WNT 2.5 10X3 | D.82 |
| 1010780000 | WNT 4 10X3 | D.82 |
| 1010880000 | WNT 6 10X3 | D.83 |
| 1010900000 | WNT 10 10X3 BE | D.83 |
| 1010980000 | WNT 10 10X3 | D.83 |
| 1011000000 | WSI 6 | D.35 |
| 1011010000 | WSI 6 SW | D.181 |
| 1011060000 | WSI 6 OR | D.181 |
| 1011080000 | WSI 6 BL | D.181 |
| 1011300000 | WSI 6/LD 10-36V DC/AC | D.36 |
| 1011320000 | DEK 5/6 PLUS MC NE WS | F.25 |
| 1011440000 | PLOTTERPEN 0,7 | F.39 |
| 1011450000 | PLOTTER PEN 0.70 P-INK | F.39 |
| 1012200000 | WSI 6/LD 30-70V DC/AC | D.36 |
| 1012300000 | WSI 6/LD 60-150V DC/AC | D.36 |
| 1012400000 | WSI 6/LD 250AC | D.36 |
| 1014000000 | WSI 6/2 GZ/DEF63 | D.37 |
| 1014100000 | WSI 6/2/LD 10-36V DC/AC | D.38 |
| 1014200000 | WSI 6/2/LD 30-70V DC/AC | D.38 |
| 1014300000 | WSI 6/2/LD 60-150VDC/AC | D.38 |
| 1014400000 | WSI 6/2/LD 250AC | D.38 |
| 1015800000 | WDT 1.5/1 DB/GE | D.58 |
| 1015900000 | WDT 1.5/2 DB/GE | D.58 |
| 1016000000 | WDT 1.5/3 DB/GE | D.59 |
| 1016160000 | WDT 1.5/3 BL/HB | D.59 |
| 1016200000 | WPE 2.5N | D.23 |
| 1016400000 | WPE 2.5/1.5/ZR | D.22 |
| 1016500000 | WPE 1.5/ZZ | D.22 |
| 1016700000 | WTL 6/1 | D.65 |
| 1017100000 | WTD 6/1 | D.65 |
| 1017700000 | WTL 6/2 | D.75 |
| 1018600000 | WTL 6/3/STB | D.75 |
| 1018640000 | WTL 6/3 BR | D.181 |
| 1018800000 | WTL 6/3 | D.67 |
| 1018900000 | WTL 6/3/32 | D.67 |
| 1019000000 | WNT 16N 10X3 | D.83 |
| 1019100000 | WPE 16N | D.29 |
| 1019700000 | WPE 120/150 | D.31 |

## 1020000000

| | | |
|---|---|---|
| 1020000000 | WDU 2.5 | D.5 |
| 1020010000 | WDU 2.5 SW | D.181 |
| 1020020000 | WDU 2.5 GE | D.181 |
| 1020040000 | WDU 2.5 RT | D.181 |

| Order No. | Type | Page |
|---|---|---|
| 1020060000 | WDU 2.5 OR | D.181 |
| 1020080000 | WDU 2.5 BL | D.5 |
| 1020090000 | WDU 2.5 GN | D.181 |
| 1020100000 | WDU 4 | D.6 |
| 1020110000 | WDU 4 SW | D.181 |
| 1020120000 | WDU 4 GE | D.181 |
| 1020140000 | WDU 4 RT | D.181 |
| 1020160000 | WDU 4 GN | D.181 |
| 1020180000 | WDU 4 BL | D.6 |
| 1020190000 | WDU 4 GE/SW | D.181 |
| 1020200000 | WDU 6 | D.8 |
| 1020210000 | WDU 6 SW | D.181 |
| 1020240000 | WDU 6 RT | D.181 |
| 1020260000 | WDU 6 OR | D.181 |
| 1020280000 | WDU 6 BL | D.8 |
| 1020290000 | WDU 6 GN | D.181 |
| 1020300000 | WDU 10 | D.8 |
| 1020310000 | WDU 10 SW | D.181 |
| 1020340000 | WDU 10 RT | D.181 |
| 1020360000 | WDU 10 OR | D.181 |
| 1020380000 | WDU 10 BL | D.8 |
| 1020480000 | WDU 16 BL | D.181 |
| 1020580000 | WDU 35 BL | D.181 |
| 1020680000 | WDU 35/IK BL | D.181 |
| 1020700000 | WDU 2.5/10 BEZ | D.182 |
| 1020800000 | WDU 2.5/10 BEZ/NE | D.182 |
| 1020900000 | WDU 4/10/BEZ | D.182 |
| 1021000000 | WDU 4/10 | D.182 |
| 1021500000 | WDK 2.5 | D.16 |
| 1021560000 | WDK 2.5 OR | D.181 |
| 1021580000 | WDK 2.5 BL | D.16 |
| 1021600000 | WDK 2.5 F | D.99 |
| 1021680000 | WDK 2.5 F BL | D.99 |
| 1021700000 | WDK 2.5 FF | D.99 |
| 1021800000 | WDU 2.5 F 2X2.8 | D.98 |
| 1021900000 | WDU 2.5 FF 2X2.8 | D.98 |
| 1022220000 | PDU 2.5/4/2X2AN | B.5 |
| 1022300000 | WDK 2.5V | D.17 |
| 1022350000 | WDK 2.5V GE | D.181 |
| 1022360000 | WDK 2.5V OR | D.181 |
| 1022380000 | WDK 2.5V BL | D.17 |
| 1022400000 | WDK 2.5 FV | D.99 |
| 1022600000 | WDK 2.5 2D 2.A | D.119 |
| 1023200000 | WDK 2.5/D | D.119 |
| 1023300000 | WDK 2.5 1D A.2 | D.118 |
| 1023400000 | WDK 2.5 1D A.1 | D.117 |
| 1023500000 | WDK 2.5 2D | D.119 |
| 1023600000 | WDK 2.5 LD RT 24VDC +- | D.120 |
| 1023700000 | WDU 2.5N | D.5 |
| 1023760000 | WDU 2.5N OR | D.181 |
| 1023780000 | WDU 2.5N BL | D.5 |
| 1023830000 | ZTR 6-2 | C.70 |
| 1024050000 | PRINTJET PRO 115V | F.36 |
| 1024100000 | WDU 2.5/TC TYP K | D.114 |
| 1024140000 | PJ PRO TNAW | F.36 |
| 1024200000 | WDU 2.5/TC TYP T | D.114 |
| 1024300000 | WDU 2.5/TC TYP J | D.114 |
| 1024400000 | WDU 2.5/TC TYP SR | D.114 |
| 1024500000 | WDU 120/150 | D.14 |
| 1024580000 | WDU 120/150 BL | D.14 |
| 1024600000 | WDU 70/95 | D.14 |
| 1024680000 | WDU 70/95 BL | D.14 |
| 1024700000 | WDU 2.5/1.5/ZR | D.4 |
| 1024780000 | WDU 2.5/1.5/ZR BL | D.4 |
| 1025680000 | DEK 5/30 MC SDR | F.33 |
| 1025700000 | WDK 2.5/10 | D.182 |
| 1026600000 | WDU 120/150/5 | D.182 |
| 1026700000 | WDU 70/95/3 | D.182 |
| 1027000000 | WDUL 4/10 | D.116 |
| 1027040000 | PJ PRO TNTK INK K | F.36 |
| 1027050000 | PJ PRO TNTK INK C | F.36 |
| 1027060000 | PJ PRO TNTK INK M | F.36 |
| 1027070000 | PJ PRO TNTK INK Y | F.36 |
| 1027110000 | PJ PRO TINTENSET FARBE | F.36 |
| 1027300000 | WDUL 4/100 | D.116 |
| 1027400000 | WDUL 4/500 | D.116 |
| 1027410000 | WDK 2.5/BLZ/5.08/ZA V | D.101 |
| 1027500000 | WDUL 4/1K | D.116 |
| 1027550000 | ZMAK 2.5 690V | C.34 |
| 1027600000 | WDUL 4/5K | D.116 |
| 1027700000 | WDUL 4/10K | D.116 |
| 1027800000 | WDUL 4/50K | D.116 |
| 1027840000 | WQL 4 WF10 | D.145 |
| 1028000000 | WDUL 4/500K | D.116 |
| 1028300000 | WFF 35 | D.148 |
| 1028380000 | WFF 35 BL | D.148 |
| 1028400000 | WFF 70 | D.148 |
| 1028480000 | WFF 70 BL | D.148 |
| 1028500000 | WFF 120 | D.149 |
| 1028580000 | WFF 120 BL | D.149 |
| 1028600000 | WFF 185 | D.149 |
| 1028680000 | WFF 185 BL | D.149 |
| 1028700000 | WFF 300 | D.149 |
| 1028800000 | WDU 35/ZA | D.10 |
| 1028880000 | WDU 35/ZA BL | D.10 |
| 1028900000 | WDU 16/ZA | D.9 |
| 1028980000 | WDU 16/ZA BL | D.9 |
| 1029000000 | WDU 35/IK/ZA | D.10 |
| 1029100000 | WDK 2.5/EX | D.17 |

| Order No. | Type | Page |
|---|---|---|
| 1029300000 | WFF 35/AH | D.148 |
| 1029400000 | WFF 70/AH | D.148 |
| 1029500000 | WFF 120/AH | D.149 |
| 1029600000 | WFF 185/AH | D.149 |
| 1029700000 | WFF 300/AH | D.149 |
| 1029800000 | WDL 2.5/NT/L/PE | D.78 |
| 1029900000 | WDL 2.5/N/L/PE | D.79 |

## 1030000000

| | | |
|---|---|---|
| 1030200000 | WDL 2.5/L/L/PE | D.79 |
| 1030300000 | WDL 2.5/L/L | D.78 |
| 1030400000 | WDL 2.5/L | D.79 |
| 1030600000 | WDL 2.5/S/NT/L/PE | D.80 |
| 1030700000 | WDL 2.5/S/N/L/PE | D.81 |
| 1031100000 | WDL 2.5/S/L/L/PE | D.81 |
| 1031200000 | WDL 2.5/S/L/L | D.80 |
| 1031300000 | WDL 2.5/S/L | D.81 |
| 1031400000 | WDU 1.5/ZZ | D.4 |
| 1031480000 | WDU 1.5/ZZ BL | D.4 |
| 1032300000 | WDU 70/95/5/N | D.182 |
| 1032400000 | WDU 120/150/5 N | D.182 |
| 1033300000 | WDU 2.5/TC TYP E | D.114 |
| 1033700000 | WDU 2.5/TC TYP B | D.114 |
| 1033800000 | WMA 4/5 | D.182 |
| 1034000000 | WMA 4/4 | D.182 |
| 1034100000 | WDL 2.5/2/S/NT/L/PE-L/L | D.182 |
| 1034200000 | WDL 2.5/3/S/NT/L/PE | D.182 |
| 1034400000 | WDK 2.5/BLZ/5.08/ZA | D.101 |
| 1036000000 | WPO 4 | D.115 |
| 1036100000 | WDU 16N | D.9 |
| 1036180000 | WDU 16N BL | D.9 |
| 1036300000 | WDK 2.5PE | D.23 |
| 1036400000 | WDK 2.5DU-PE | D.17 |
| 1036700000 | WDU 4 WS | D.181 |
| 1036760000 | WDU 4 OR | D.181 |
| 1036800000 | WDU 2.5 WS | D.181 |
| 1037300000 | WPE 70/95 | D.31 |
| 1037700000 | WDU 2.5 PA/VI | D.181 |
| 1037710000 | WDU 2.5 BR | D.181 |
| 1037720000 | WDU 2.5 GR | D.181 |
| 1037800000 | WDU 4 GR | D.181 |
| 1037810000 | WDU 4 BR | D.181 |
| 1037820000 | WDU 4 PA/VI | D.181 |
| 1038650000 | DEK 5/6 PLUS MC SDR | F.25 |
| 1038790000 | WS 8/5 PLUS MC SDR | F.28 |
| 1038820000 | WS 8/6 PLUS MC SDR | F.29 |
| 1039600000 | WDU 6 GR | D.181 |
| 1039700000 | WDU 6 WS | D.181 |
| 1039900000 | WTR 2.5/ZZ | D.55 |
| 1039980000 | WTR 2.5/ZZ BL | D.55 |

## 1040000000

| | | |
|---|---|---|
| 1040220000 | WDU 6 GE | D.181 |
| 1040400000 | WDU 35N | D.11 |
| 1040480000 | WDU 35N BL | D.11 |
| 1040800000 | WDU 2.5N ZQV | D.5 |
| 1040880000 | WDU 2.5N ZQV BL | D.5 |
| 1041100000 | WDK 2.5 ZQV | D.16 |
| 1041180000 | WDK 2.5 ZQV BL | D.16 |
| 1041500000 | WDU 2.5/TC TYP N | D.114 |
| 1041600000 | WDK 2.5N | D.18 |
| 1041610000 | WDK 2.5N V | D.18 |
| 1041620000 | WDK 2.5N PE | D.24 |
| 1041650000 | WDK 2.5N DU-PE | D.19 |
| 1041680000 | WDK 2.5N BL | D.18 |
| 1041900000 | WDK 4N | D.19 |
| 1041910000 | WDK 4N V | D.19 |
| 1041920000 | WDK 4N PE | D.26 |
| 1041950000 | WDK 4N DU-PE | D.20 |
| 1041960000 | WDK 4N OR | D.181 |
| 1041980000 | WDK 4N BL | D.19 |
| 1042400000 | WDU 10/ZR | D.9 |
| 1042480000 | WDU 10/ZR BL | D.9 |
| 1042500000 | WPE 10/ZR | D.28 |
| 1042600000 | WDU 4N | D.7 |
| 1042680000 | WDU 4N BL | D.7 |
| 1042700000 | WPE 4N | D.25 |
| 1045570000 | ELS 6/30 MC WS | F.32 |
| 1045580000 | ELS 6/30 MC GE | F.32 |
| 1045620000 | ELS 16/40 MC WS | F.31 |
| 1045630000 | ELS 16/40 MC GE | F.31 |
| 1045640000 | ELS 7/40 MC WS | F.31 |
| 1045650000 | ELS 7/40 MC GE | F.31 |
| 1045660000 | ELS 6/30 MC SDR | F.32 |
| 1045690000 | ELS 16/40 MC SDR | F.32 |
| 1045700000 | ELS 7/40 MC SDR | F.32 |
| 1045970000 | WTR 35 E | D.77 |
| 1046320000 | WS 10/5 PLUS MC SDR | F.28 |
| 1046330000 | WS 10/6 PLUS MC SDR | F.29 |
| 1046340000 | DEK 5/6.5 PLUS MC NE WS | F.25 |
| 1046350000 | DEK 5/8 PLUS MC NE WS | F.25 |
| 1046360000 | DEK 5/6.5 PLUS MC SDR | F.25 |
| 1046370000 | DEK 5/8 PLUS MC SDR | F.25 |
| 1046380000 | WS 10/5 PLUS MC NE WS | F.28 |
| 1046390000 | WS 10/6 PLUS MC NE WS | F.28 |
| 1049200000 | PAP PDU6/10 BL | B.46 |
| 1049210000 | PAP 2.5/4 BL | B.46 |

## 1050000000

| | | |
|---|---|---|
| 1050000000 | WAP 2.5-10 | D.156 |
| 1050010000 | WAP 2.5-10 SW | D.156 |
| 1050020000 | WAP 2.5-10 GE | D.156 |
| 1050040000 | WAP 2.5-10 RT | D.156 |
| 1050050000 | WAP 2.5-10 GR | D.156 |
| 1050060000 | WAP 2.5-10 OR | D.156 |
| 1050070000 | WAP 2.5-10 BR | D.156 |
| 1050080000 | WAP 2.5-10 BL | D.156 |
| 1050090000 | WAP 2.5-10 WS | D.156 |
| 1050100000 | WAP 16+35 WTW 2.5-10 | D.157 |
| 1050160000 | WAP 16+35 WTW 2.5-10 OR | D.157 |
| 1050180000 | WAP 16+35 WTW 2.5-10 BL | D.157 |
| 1050280000 | WHP 2.5-35N/10x3 BL | D.82 |
| 1050760000 | WGB 5 ABDG.M.GRUPPENBEZ | F.33 |
| 1050960000 | WGB 8 ABDG.M.GRUPPENBEZ | F.33 |
| 1051260000 | WTA 5/1 | D.175 |
| 1051960000 | WQV 4/2 | D.168 |
| 1052060000 | WQV 4/10 | D.168 |
| 1052100000 | KISC M3X5 | D.172 |
| 1052260000 | WQV 6/10 | D.168 |
| 1052290000 | PAP 2.5/4/4AN BL | B.46 |
| 1052300000 | PAP 2.5/4/3AN BL | B.46 |
| 1052360000 | WQV 6/2 | D.168 |
| 1052460000 | WQV 10/10 | D.169 |
| 1052560000 | WQV 10/2 | D.169 |
| 1053060000 | WQV 35/2 | D.10 |
| 1053160000 | WQV 35/10 | D.10 |
| 1053260000 | WQV 16/2 | D.9 |
| 1053360000 | WQV 16/10 | D.9 |
| 1053660000 | WQV 2.5/2 | D.168 |
| 1053760000 | WQV 2.5/3 | D.168 |
| 1053860000 | WQV 2.5/4 | D.168 |
| 1053960000 | WQV 2.5/5 | D.168 |
| 1054060000 | WQV 2.5/6 | D.168 |
| 1054160000 | WQV 2.5/7 | D.168 |
| 1054260000 | WQV 2.5/8 | D.168 |
| 1054360000 | WQV 2.5/9 | D.168 |
| 1054460000 | WQV 2.5/10 | D.168 |
| 1054560000 | WQV 4/3 | D.168 |
| 1054660000 | WQV 4/4 | D.168 |
| 1054760000 | WQV 6/3 | D.168 |
| 1054860000 | WQV 6/4 | D.168 |
| 1054960000 | WQV 10/3 | D.169 |
| 1055060000 | WQV 10/4 | D.169 |
| 1055160000 | WQV 16/3 | D.9 |
| 1055260000 | WQV 16/4 | D.9 |
| 1055360000 | WQV 35/3 | D.10 |
| 1055460000 | WQV 35/4 | D.10 |
| 1055960000 | WAD 12 M. BL. | F.33 |
| 1056260000 | WAD 12 NEUTRAL | F.33 |
| 1056400000 | LS 2.8 WDU2.5-10 | D.116 |
| 1057160000 | WQV 4/6 | D.168 |
| 1057260000 | WQV 4/7 | D.168 |
| 1057860000 | WQV 4/5 | D.168 |
| 1058090000 | MCP EP SFC 3 | F.39 |
| 1058520000 | ZSI 2X6/4X2.5 FC | C.63 |
| 1058800000 | WTW EN | D.159 |
| 1059000000 | WEW 35/1 | F.12 |
| 1059100000 | WAP WDK2.5 | D.157 |
| 1059140000 | WAP WDK2.5 GN | D.157 |
| 1059180000 | WAP WDK2.5 BL | D.157 |
| 1059310000 | ZAP ZSI2X6/4X2.5 | C.63 |
| 1059660000 | WQV 2.5/15 | D.168 |

## 1060000000

| | | |
|---|---|---|
| 1060000000 | WAP WDU2.5N/4N | D.158 |
| 1060060000 | WAP WDU2.5N/4N OR | D.158 |
| 1060080000 | WAP WDU2.5N/4N BL | D.158 |
| 1060090000 | WAP WDU2.5N/4N GE | D.158 |
| 1060100000 | WQB-PEN 35 | D.29 |
| 1060200000 | WQB-PEN 16 | D.28 |
| 1060220000 | WDU 35/ZA OR | D.181 |
| 1060300000 | WQB-PEN 10 | D.180 |
| 1061200000 | WEW 35/2 | F.5 |
| 1061210000 | WEW 35/2 SW | F.5 |
| 1062660000 | WQV 6/5 | D.168 |
| 1062670000 | WQV 6/6 | D.168 |
| 1062680000 | WQV 6/7 | D.71 |
| 1062860000 | WAD 27 M. BL. | F.33 |
| 1062960000 | WAD 27 NEUTRAL | F.33 |
| 1063300000 | WQV 120/2 | D.14 |
| 1063400000 | WQV 120/3 | D.14 |
| 1063500000 | WQV 70/95/2 | D.14 |
| 1063600000 | WQV 70/95/3 | D.14 |
| 1063900000 | WQV 16-2.5 | D.161 |
| 1064100000 | WQV 35-2.5 | D.161 |
| 1064460000 | WAH 35 | D.148 |
| 1064560000 | WAH 70 BE | D.148 |
| 1064660000 | WAH 120 | D.149 |
| 1064760000 | WAH 185/300 BE | D.149 |
| 1064900000 | WQL 2 WFF35 | D.148 |
| 1065000000 | WQL 2 WFF70 | D.148 |
| 1065100000 | WQL 2 WFF120 | D.149 |
| 1065200000 | WQL 2 WFF185 | D.149 |
| 1065300000 | WQL 2 WFF300 | D.149 |
| 1065400000 | WQL 3 WFF35 | D.148 |

| Order No. | Type | Page |
|---|---|---|
| 1065500000 | WQL 3 WFF70 | D.148 |
| 1065600000 | WQL 3 WFF120 | D.149 |
| 1065700000 | WQL 3 WFF185 | D.149 |
| 1065800000 | WQL 3 WFF300 | D.149 |
| 1066000000 | WZAD 70/95 | D.14 |
| 1066100000 | WZA D120 | D.14 |
| 1066200000 | WZAF 70 | D.179 |
| 1066300000 | WZAF 120 | D.179 |
| 1066400000 | WZAF 185 | D.179 |
| 1066500000 | WZAF 300 | D.179 |
| 1067100000 | WTW WFF35 | D.148 |
| 1067200000 | WTW WFF70 | D.148 |
| 1067300000 | WTW WFF120 | D.149 |
| 1067400000 | WTW WFF185/300 | D.149 |
| 1067470000 | EMC-SET | E.14 |
| 1067490000 | EMC-TIE | E.14 |
| 1067520000 | EMC-CONTACT | E.14 |
| 1067600000 | WEW 32/1 | F.12 |
| 1067700000 | WAP WDL2.5/S | D.157 |
| 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.65 |
| 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 WPO4 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 |

| Order No. | Type | Page |
|---|---|---|

## 1110000000

| | | |
|---|---|---|
| 1112130000 | WAP WDK2.5/BLZ/0.ZA LG | D.157 |
| 1112910000 | WAD 5 MC NE WS | F.33 |
| 1112920000 | WAD 5 MC NE GE | F.33 |
| 1112930000 | WAD 5 MC SDR | F.33 |
| 1112940000 | WAD 8 MC NE WS | F.33 |
| 1112950000 | WAD 8 MC NE GE | F.33 |
| 1112970000 | WAD 8 MC SDR | F.33 |
| 1116710000 | PS_ZQV_SET | C.144 |
| 1119030000 | ERME 10² SPX 4 | F.48 |
| 1119040000 | ERME 16² SPX 4 | F.48 |
| 1119700000 | ZDK 4-2/2AN | C.31 |
| 1119790000 | WSI 6/2/LD 250AC LLC | D.43 |
| 1119800000 | WSI 6/2/LD 10-36V LLC | D.43 |
| 1119810000 | WSI 6/2/LD 30-70V LLC | D.43 |
| 1119820000 | WSI 6/2/LD 60-150V LLC | D.43 |
| 1119830000 | WSI 6/LD 30-70V LLC | D.42 |
| 1119840000 | WSI 6/LD 10-36V LLC | D.42 |
| 1119850000 | WSI 6/LD 60-150V LLC | D.42 |
| 1119870000 | WSI 6/LD 250AC LLC | D.42 |

## 1120000000

| | | |
|---|---|---|
| 1120450000 | WAD 5 MC B GE/SW | F.33 |
| 1120470000 | WAD 8 MC B GE/SW | F.33 |
| 1121740000 | PS_ZQV | C.144 |
| 1128540000 | SDIS 2.5-5.5/PZ/1/2 | F.55 |

## 1130000000

| | | |
|---|---|---|
| 1131740000 | ZDLD 2.5-2N PE | C.25 |
| 1131750000 | ZDLD 2.5-2N/PE/L/L | C.25 |
| 1131760000 | ZDLD 2.5-2N/PE/L/N | C.25 |
| 1137530000 | VKSW | F.45 |
| 1137780000 | WSI 25/1 10X38/LED 1KV | D.47 |
| 1137790000 | WSI 25/1 10x38 1KV | D.47 |
| 1139400000 | MCP BASIC | F.38 |
| 1139570000 | PPE 16S | B.27 |
| 1139580000 | PDU 16S | B.26 |
| 1139880000 | MCP AP BASIC | F.39 |
| 1139890000 | MCP TP-KOF BASIC | F.39 |
| 1139910000 | PAP PDU16S | B.26 |

## 1140000000

| | | |
|---|---|---|
| 1142970000 | WAD WMF2.5 | D.112 |
| 1142980000 | WBB WMF2.5 BLZ | D.112 |
| 1142990000 | AP WMF2.5 | D.112 |
| 1143000000 | WMF 2.5 DI BLZ | D.109 |
| 1143010000 | WMF 2.5 DI BLZ PE | D.110 |
| 1143020000 | WMF 2.5 DI | D.106 |
| 1143030000 | WMF 2.5 DI PE | D.107 |
| 1143050000 | WMF 2.5 BLZ | D.109 |
| 1143070000 | WMF 2.5 | D.106 |

## 1150000000

| | | |
|---|---|---|
| 1157830000 | KT 22 | F.42 |

## 1160000000

| | | |
|---|---|---|
| 1161690000 | WTL 6 SL | D.90 |
| 1162600000 | WEW 35/1 SW | F.5 |
| 1162610000 | ZEW 35/2 SW | F.12 |
| 1162820000 | WMF 2.5 FU BLZ PE SW | D.111 |
| 1162830000 | WMF 2.5 FU BLZ PE 10-36V SW | D.111 |
| 1162840000 | WMF 2.5 FU BLZ PE 30-70V SW | D.111 |
| 1162850000 | WMF 2.5 FU BLZ PE 60-150V SW | D.111 |
| 1162860000 | WMF 2.5 FU BLZ PE 100-250V SW | D.111 |
| 1162920000 | WMF 2.5 FU SW | D.108 |
| 1162930000 | WMF 2.5 FU 10-36V SW | D.108 |
| 1162940000 | WMF 2.5 FU 30-70V SW | D.108 |
| 1162950000 | WMF 2.5 FU 60-150V SW | D.108 |
| 1162960000 | WMF 2.5 FU 100-250V SW | D.108 |
| 1162980000 | WMF 2.5 FU BLZ SW | D.111 |
| 1162990000 | WMF 2.5 FU BLZ 10-36V SW | D.111 |
| 1163000000 | WMF 2.5 FU BLZ 30-70V SW | D.111 |
| 1163010000 | WMF 2.5 FU BLZ 60-150V SW | D.111 |
| 1163020000 | WMF 2.5 FU BLZ 100-250V SW | D.111 |
| 1163040000 | WMF 2.5 FU PE SW | D.108 |
| 1163050000 | WMF 2.5 FU PE 10-36V SW | D.108 |
| 1163060000 | WMF 2.5 FU PE 30-70V SW | D.108 |
| 1163070000 | WMF 2.5 FU PE 60-150V SW | D.108 |
| 1163080000 | WMF 2.5 FU PE 100-250V SW | D.108 |
| 1165130000 | PDU 6/10 4AN BL | B.6 |
| 1165140000 | PSI 6/10 SW | B.16 |
| 1165320000 | PAP PTL/PSI 6/10 | B.46 |
| 1165330000 | PAP PTL/PSI 6/10 SW | B.46 |
| 1167440000 | IL WMF2.5 BLZ OR | D.112 |
| 1167630000 | FUCR SW | D.112 |
| 1167640000 | FUCR 10-36V SW | D.112 |
| 1167650000 | FUCR 30-70V SW | D.112 |
| 1167670000 | FUCR 60-150V SW | D.112 |
| 1167680000 | FUCR 100-250V SW | D.112 |
| 1167850000 | KLBUE 4-13.5 CPF16 | E.13 |

| Order No. | Type | Page |
|---|---|---|

## 1170000000

| | | |
|---|---|---|
| 1173540000 | BZT PRV16 SW 35X15 | B.40 |
| 1173550000 | BZT PRV16 SW 35X7.5 | B.40 |
| 1173570000 | BZT PRV8 SW 35X15 | B.39 |
| 1173580000 | BZT PRV8 SW 35X7.5 | B.39 |
| 1173590000 | BZT PRV4 SW 35X15 | B.38 |
| 1173600000 | BZT PRV4 SW 35X7.5 | B.38 |
| 1173620000 | PRV 16 SW 35X15 RT/WS | B.40 |
| 1173630000 | TW PRV16 | B.40 |
| 1173650000 | PRV 16 SW 35X15 WS/RT | B.40 |
| 1173670000 | TW PRV8 | B.39 |
| 1173680000 | PRV 16 SW 35X7.5 RT/WS | B.40 |
| 1173700000 | TW PRV4 | B.38 |
| 1173710000 | PRV 16 SW 35X7.5 WS/RT | B.40 |
| 1173720000 | PAP PRV/PPV8 SW | B.39 |
| 1173740000 | PRV 8 SW 35X15 RT/WS | B.39 |
| 1173750000 | PAP PRV/PPV4 SW | B.38 |
| 1173780000 | PRV 8 SW 35X15 WS/RT | B.39 |
| 1173790000 | PRV 8 SW 35X7.5 RT/WS | B.39 |
| 1173800000 | PRV 8 SW 35X7.5 WS/RT | B.39 |
| 1173810000 | PRV 4 SW 35X15 RT | B.38 |
| 1173820000 | PRV 4 SW 35X15 WS | B.38 |
| 1173830000 | PRV 4 SW 35X7.5 RT | B.38 |
| 1173840000 | PRV 4 SW 35X7.5 WS | B.38 |
| 1173850000 | PPV 8 GR 35X15 DGR | B.41 |
| 1173870000 | PPV 8 GR 35X7.5 DGR | B.41 |
| 1173880000 | PPV 4 GR 35X15 DGR | B.41 |
| 1173890000 | PPV 4 GR 35X7.5 DGR | B.41 |
| 1173900000 | PRV 8 BL 35X15 WS/RT | B.39 |
| 1173910000 | PRV 8 BL 35X7.5 WS/RT | B.39 |
| 1173920000 | PRV 4 BL 35X15 WS | B.38 |
| 1173930000 | PRV 4 BL 35X7.5 WS | B.38 |

## 1180000000

| | | |
|---|---|---|
| 1186630000 | WDU 50N IR | D.12 |
| 1186720000 | WAP WDK10 | D.21 |
| 1186730000 | WAP WDK10 BL | D.21 |
| 1186740000 | WDK 10 | D.21 |
| 1186750000 | WDK 10 BL | D.21 |
| 1186770000 | WDK 10 V | D.21 |
| 1186780000 | WDK 10 V BL | D.21 |

## 1200000000

| | | |
|---|---|---|
| 1208920000 | ZVLD 2.5 | C.26 |

## 1210000000

| | | |
|---|---|---|
| 1210390000 | ZTA ZVLD | C.26 |
| 1210410000 | ZAP ZVLD 2.5 | C.26 |
| 1211450000 | PAP PRV/PPV4 GR | B.38 |
| 1211460000 | PAP PRV/PPV8 GR | B.39 |
| 1216230000 | HBT 6,0 - 4,6 GE | D.86 |

## 1220000000

| | | |
|---|---|---|
| 1221340000 | PMAK 4 | B.10 |
| 1221350000 | PMAK 4 800V | B.10 |
| 1221360000 | PAP PMAK 4 | B.10 |
| 1224870000 | FUSE 1KV DC 2A 10/38 | D.47 |
| 1224880000 | FUSE 1KV DC 4A 10/38 | D.47 |
| 1224890000 | FUSE 1KV DC 6A 10/38 | D.47 |
| 1224900000 | FUSE 1KV DC 8A 10/38 | D.47 |
| 1224910000 | FUSE 1KV DC 10A 10/38 | D.47 |
| 1224920000 | FUSE 1KV DC 12A 10/38 | D.47 |
| 1224930000 | FUSE 1KV DC 16A 10/38 | D.47 |
| 1224950000 | FUSE 1KV DC 20A 10/38 | D.47 |
| 1227850000 | ZEW 35/2 GR | F.12 |
| 1227890000 | WEW 35/1 GR | F.5 |

## 1230000000

| | | |
|---|---|---|
| 1230050000 | TW PRV4 1-4 | B.38 |
| 1230060000 | TW PRV4 0-3 | B.38 |
| 1230070000 | TW PRV4 A-D | B.38 |
| 1230080000 | TW PRV8 1-8 | B.39 |
| 1230090000 | TW PRV8 0-7 | B.39 |
| 1230110000 | TW PRV8 A-H | B.39 |
| 1230120000 | TW PRV16 1-16 | B.40 |
| 1230130000 | TW PRV16 0-15 | B.40 |
| 1230140000 | TW PRV16 A-P | B.40 |
| 1233330000 | HBT 2,5 - 4,6 BL | D.86 |
| 1233340000 | HBT 1,5 - 4,6 RT | D.86 |
| 1238040000 | ZEW 35 GR | F.12 |
| 1238880000 | WAP WTL6 SL 4-6 | D.90 |
| 1238920000 | WTD 6 SL 0.STB | D.68 |
| 1238930000 | WTL 6 SL 0.STB | D.68 |

## 1240000000

| | | |
|---|---|---|
| 1246990000 | SMSE WSH 135/60 MT | E.9 |
| 1247290000 | WDK 2.5/TR-DU | D.60 |
| 1247310000 | WDK 2.5/TR-DU STB | D.60 |
| 1247420000 | WDK 2.5/TR-DU-PE | D.61 |
| 1247430000 | WDK 2.5/TR-DU-PE STB | D.61 |

| Order No. | Type | Page |
|---|---|---|

## 1250000000

| | | |
|---|---|---|
| 1252490000 | KLBUE 15-32 FM4 | E.12 |
| 1252510000 | KLBUE 10-20 FM4 | E.12 |
| 1252520000 | KLBUE 4-13.5 FM4 | E.12 |
| 1252530000 | KLBUE 3-8 FM4 | E.12 |
| 1252540000 | KLBUE 15-32 CPF16 | E.13 |
| 1252550000 | KLBUE 10-20 CPF16 | E.13 |
| 1255010000 | GWHUE M3 WTL6 | D.69 |
| 1259120000 | ZDT 2.5/8AN/4 | C.90 |

## 1260000000

| | | |
|---|---|---|
| 1261300000 | ZB 10 F.10X3/10X5/10X10 | F.6 |
| 1265990000 | ZSI 2X6/4X2.5 | C.64 |
| 1267790000 | PRV 16 BL 35X15 RT/WS | B.40 |
| 1267800000 | PRV 16 BL 35X15 WS/RT | B.40 |
| 1267810000 | PRV 16 BL 35X7.5 RT/WS | B.40 |
| 1267820000 | PRV 16 BL 35X7.5 WS/RT | B.40 |
| 1267830000 | PRV 8 BL 35X15 RT/WS | B.39 |
| 1267840000 | PRV 8 BL 35X7.5 RT/WS | B.39 |
| 1267870000 | PPV 8 BL 35X15 DGR | B.41 |
| 1267880000 | PPV 8 BL 35X7.5 DGR | B.41 |
| 1267890000 | PRV 4 BL 35X15 RT | B.38 |
| 1267900000 | PRV 4 BL 35X7.5 RT | B.38 |
| 1267910000 | PPV 4 BL 35X15 DGR | B.41 |
| 1267920000 | PPV 4 BL 35X7.5 DGR | B.41 |
| 1267930000 | BZT PRV16 BL 35X15 | B.40 |
| 1267940000 | BZT PRV16 BL 35X7.5 | B.40 |
| 1267950000 | BZT PRV8 BL 35X15 | B.39 |
| 1267970000 | BZT PRV8 BL 35X7.5 | B.39 |
| 1267980000 | BZT PRV4 BL 35X15 | B.38 |
| 1267990000 | BZT PRV4 BL 35X7.5 | B.38 |
| 1268000000 | PAP PRV/PPV8 BL | B.39 |
| 1268010000 | PAP PRV/PPV4 BL | B.38 |
| 1269050000 | EW 35 DB | F.12 |
| 1269060000 | SCHT 14/6 | F.32 |
| 1269070000 | ZST 1 | D.178 |

## 1270000000

| | | |
|---|---|---|
| 1270040000 | WMF 2.5 BL | D.106 |
| 1270070000 | WMF 2.5 DI BL | D.106 |
| 1270080000 | WMF 2.5 DI PE BL | D.107 |
| 1270310000 | TSLD C | F.45 |
| 1271870000 | ZTA ZVLD/ZA | C.26 |
| 1274660000 | SDI SL 0,6X3,5X100 | F.56 |
| 1274670000 | SDI SL 0,8X4,0X100 | F.56 |
| 1274680000 | SDI SL 1,0X5,5X125 | F.56 |
| 1274690000 | SDI SL 1,2X6,5X150 | F.56 |
| 1274710000 | SDIK SL PH1 | F.56 |
| 1274720000 | SDIK SL PH2 | F.56 |
| 1274730000 | SDIK SL PZ1 | F.56 |
| 1274740000 | SDIK SL PZ2 | F.56 |
| 1274750000 | SDIS SL 3,5-6,5/PH/1/2 | F.56 |
| 1276960001 | DEK 8 FWZ 1-10 | F.23 |
| 1276960011 | DEK 8 FWZ 11-20 | F.23 |
| 1276960021 | DEK 8 FWZ 21-30 | F.23 |
| 1276960031 | DEK 8 FWZ 31-40 | F.23 |
| 1276960041 | DEK 8 FWZ 41-50 | F.23 |
| 1276960051 | DEK 8 FWZ 51-60 | F.23 |
| 1276960061 | DEK 8 FWZ 61-70 | F.23 |
| 1276960071 | DEK 8 FWZ 71-80 | F.23 |
| 1276960081 | DEK 8 FWZ 81-90 | F.23 |
| 1276960091 | DEK 8 FWZ 91-100 | F.23 |
| 1276960101 | DEK 8 FWZ 101-110 | F.23 |
| 1276960111 | DEK 8 FWZ 111-120 | F.23 |
| 1276960121 | DEK 8 FWZ 121-130 | F.23 |
| 1276960131 | DEK 8 FWZ 131-140 | F.23 |
| 1276960141 | DEK 8 FWZ 141-150 | F.23 |
| 1277060000 | DEK 8 NEUTRAL | F.23 |
| 1277091686 | DEK 8 RT NEUTRAL | F.23 |
| 1277091687 | DEK 8 GE NEUTRAL | F.23 |
| 1277091688 | DEK 8 GN NEUTRAL | F.23 |
| 1277091689 | DEK 8 VI NEUTRAL | F.23 |
| 1277091690 | DEK 8 OR NEUTRAL | F.23 |
| 1278460000 | SCHT 9/4 | F.32 |
| 1278730000 | ETA 1170 21 3A | C.63 |
| 1278740000 | ETA 1170 21 4A | C.63 |
| 1278750000 | ETA 1170 21 5A | C.63 |
| 1278760000 | ETA 1170 21 6A | C.63 |
| 1278770000 | ETA 1170 21 7.5A | C.63 |
| 1278780000 | ETA 1170 21 8A | C.63 |
| 1278790000 | ETA 1170 21 10A | C.63 |
| 1278810000 | ETA 1170 21 15A | C.63 |
| 1278820000 | ETA 1170 21 20A | C.63 |
| 1278830000 | ETA 1170 21 25A | C.63 |
| 1278840000 | ETA 1180 01 0.1A | C.64 |
| 1278850000 | ETA 1180 01 0.2A | C.64 |
| 1278860000 | ETA 1180 01 0.25A | C.64 |
| 1278870000 | ETA 1180 01 0.3A | C.64 |
| 1278880000 | ETA 1180 01 0.4A | C.64 |
| 1278910000 | ETA 1180 01 0.5A | C.64 |
| 1278920000 | ETA 1180 01 0.6A | C.64 |
| 1278930000 | ETA 1180 01 0.7A | C.64 |
| 1278940000 | ETA 1180 01 0.8A | C.64 |
| 1278950000 | ETA 1180 01 1A | C.64 |
| 1278960000 | ETA 1180 01 1.5A | C.64 |
| 1278970000 | ETA 1180 01 2A | C.64 |

| Order No. | Type | Page |
|---|---|---|

| | | |
|---|---|---|
| 1278980000 | ETA 1180 01 2.5A | C.64 |
| 1278990000 | ETA 1180 01 3A | C.64 |
| 1279010000 | ETA 1180 01 3.5A | C.64 |
| 1279020000 | ETA 1180 01 4A | C.64 |
| 1279030000 | ETA 1180 01 5A | C.64 |
| 1279040000 | ETA 1180 01 6A | C.64 |
| 1279050000 | ETA 1180 01 7A | C.64 |
| 1279060000 | ETA 1180 01 8A | C.64 |
| 1279070000 | ETA 1180 01 10A | C.64 |

## 1280000000

| | | |
|---|---|---|
| 1283470000 | TS END CAP 35X7.5 | F.11 |
| 1283480000 | TS END CAP 35X15 | F.11 |
| 1286600000 | TST 2/M5 | F.13 |
| 1289660001 | DEK 8 FSZ 1-10 | F.23 |
| 1289660011 | DEK 8 FSZ 11-20 | F.23 |
| 1289660021 | DEK 8 FSZ 21-30 | F.23 |
| 1289660031 | DEK 8 FSZ 31-40 | F.23 |
| 1289660041 | DEK 8 FSZ 41-50 | F.23 |
| 1289660051 | DEK 8 FSZ 51-60 | F.23 |
| 1289660061 | DEK 8 FSZ 61-70 | F.23 |
| 1289660071 | DEK 8 FSZ 71-80 | F.23 |
| 1289660081 | DEK 8 FSZ 81-90 | F.23 |
| 1289660091 | DEK 8 FSZ 91-100 | F.23 |
| 1289690000 | DEK 8 BEDR./FARBIG | F.23 |

## 1290000000

| | | |
|---|---|---|
| 1297850000 | WDTR 2.5/WE 0.STB | D.59 |
| 1298020000 | WDTR 2.5 0.STB | D.59 |

## 1300000000

| | | |
|---|---|---|
| 1303360000 | AKE 2.5 | D.131 |

## 1310000000

| | | |
|---|---|---|
| 1312440000 | HBT 1,5 - 3,0 RT | D.86 |
| 1312450000 | HBT 2,5 - 3,0 BL | D.86 |
| 1312500000 | Q 2 DLI | D.170 |
| 1312600000 | Q 3 DLI | D.170 |
| 1312700000 | Q 4 DLI | D.170 |
| 1313100000 | Q 10 DLI | D.170 |
| 1313600000 | NSCH 2M | F.3 |
| 1318061187 | DEK 6 GW PE | F.23 |
| 1318061198 | DEK 6 GW + | F.23 |
| 1318061199 | DEK 6 GW - | F.23 |
| 1318061202 | DEK 6 GW ERDE | F.23 |
| 1318061203 | DEK 6 GW ERDE I.KR. | F.23 |
| 1318091737 | DEK 6 GW RT/SW + | F.23 |
| 1318091741 | DEK 6 GW BL/SW - | F.23 |
| 1319260000 | QVS 2/4 SAKT4 | D.72 |
| 1319900000 | BFSC M3X22 SAKT4 | D.72 |

## 1320000000

| | | |
|---|---|---|
| 1326660000 | DEK 8 SONDERDR.WEISS | F.23 |

## 1330000000

| | | |
|---|---|---|
| 1333100000 | H2,5/14S BL | F.76 |

## 1340000000

| | | |
|---|---|---|
| 1345280000 | WTL 6/1/TNSC/EN | D.74 |

## 1350000000

| | | |
|---|---|---|
| 1358460000 | DEK 5 FW 1,3,5,...99 | F.21 |
| 1358560000 | DEK 5 FW 2,4,...100 | F.21 |
| 1358660000 | DEK 6 FW 1,3,5...99 | F.22 |
| 1358760000 | DEK 6 FW 2,4,...100 | F.22 |

## 1360000000

| | | |
|---|---|---|
| 1368700000 | SAKS 2/35 DB | D.48 |

## 1370000000

| | | |
|---|---|---|
| 1378160000 | ADP 4/300 | F.15 |

## 1390000000

| | | |
|---|---|---|
| 1399800000 | Q 20 DLI | D.170 |

## 1430000000

| | | |
|---|---|---|
| 1430760000 | ADP 4/1000 | F.15 |

## 1520000000

| | | |
|---|---|---|
| 1526660000 | BLZ 5.08/04/180 SN OR BX | D.100 |
| 1526860000 | BLZ 5.08/06/180 SN OR BX | D.100 |
| 1527060000 | BLZ 5.08/08/180 SN OR BX | D.100 |
| 1528960000 | BLZ 5.08/04/180B SN OR BX | D.100 |
| 1529160000 | BLZ 5.08/06/180B SN OR BX | D.100 |
| 1529360000 | BLZ 5.08/08/180B SN OR BX | D.100 |

| Order No. | Type | Page |
|---|---|---|

## 1540000000

| | | |
|---|---|---|
| 1545710000 | BLZ/SL K0 SW | D.100 |

## 1560000000

| | | |
|---|---|---|
| 1563900000 | WD 1 25 K KARTE A 6 ST | D.151 |

## 1570000000

| | | |
|---|---|---|
| 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 |
| 1577570000 | WQV 2.5/20 | D.168 |
| 1577600000 | WQV 2.5/32 | D.168 |
| 1578950000 | WQB A/2 | D.172 |
| 1578960000 | WQB A/3 | D.172 |
| 1578970000 | WQB A/4 | D.172 |
| 1578990000 | WQB A/10 | D.172 |
| 1579000000 | WQB A/24 | D.172 |
| 1579010000 | WQB B/2 | D.172 |
| 1579020000 | WQB B/3 | D.172 |
| 1579030000 | WQB B/4 | D.172 |
| 1579050000 | WQB B/10 | D.172 |
| 1579060000 | WQB B/24 | D.172 |

## 1590000000

| | | |
|---|---|---|
| 1592810000 | KLBUE 4-13.5 | E.6 |

## 1600000000

| | | |
|---|---|---|
| 1600480000 | KLBUE 3-8 | E.6 |
| 1600490000 | KLBUE 10-20 | E.6 |
| 1604200000 | SSP WTL6/2 | D.67 |
| 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 |
| 1608510000 | ZDU 2.5 | C.6 |
| 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 |
| 1608770000 | ZAP/TW 2 DB | C.130 |
| 1608780000 | ZAP/TW 2 BL | C.6 |
| 1608790000 | ZAP/TW 2 OR | C.130 |
| 1608800000 | ZAP/TW 3 | C.130 |
| 1608810000 | ZAP/TW 3 BL | C.7 |
| 1608820000 | ZAP/TW 3 OR | C.130 |
| 1608830000 | ZAP/TW 5 | C.131 |
| 1608840000 | ZAP/TW 5 BL | C.9 |
| 1608850000 | ZAP/TW 5 OR | C.131 |
| 1608860000 | ZQV 2.5/2 | C.140 |
| 1608870000 | ZQV 2.5/3 | C.140 |
| 1608880000 | ZQV 2.5/4 | C.140 |
| 1608890000 | ZQV 2.5/5 | B.49 |
| 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 |
| 1608940000 | ZQV 2.5/10 | C.140 |
| 1608950000 | ZQV 4/2 GE | C.140 |
| 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 |
| 1609010000 | ZQV 4/8 GE | C.140 |
| 1609020000 | ZQV 4/9 GE | C.140 |
| 1609030000 | ZQV 4/10 GE | C.140 |
| 1609040000 | ZTA 1 | C.142 |
| 1609050000 | ZTA 1/ZA | C.142 |
| 1609060000 | ZTA 2 ZDU4 | C.142 |
| 1609070000 | ZTA 2/ZA ZDU4 | C.142 |
| 1609080000 | ZAD 2/4 | C.147 |
| 1609110000 | ZAD 1/4 | C.146 |
| 1609120000 | ZAD 3/4 | C.147 |
| 1609801044 | DEK 5/5 MC-10 NEUT. WS | F.25 |
| 1609801686 | DEK 5/5 MC-10 NEUT. RT | F.25 |

| Order No. | Type | Page |
|---|---|---|
| 1609801687 | DEK 5/5 MC-10 NEUT. GE | F.25 |
| 1609801688 | DEK 5/5 MC-10 NEUT. GN | F.25 |
| 1609801691 | DEK 5/5 MC-10 NEUT. GR | F.25 |
| 1609801693 | DEK 5/5 MC-10 NEUT. BL | F.25 |
| 1609810000 | DEK 5/5 MC BEDRUCKT | F.25 |
| 1609820000 | DEK 5/6 MC NEUTRAL | F.25 |
| 1609830000 | DEK 5/6 MC BEDRUCKT | F.25 |
| 1609840000 | DEK 5/6,5 MC NEUTRAL | F.25 |
| 1609850000 | DEK 5/6,5 MC BEDRUCKT | F.25 |
| 1609860000 | WS 12/5 MC NEUTRAL | F.28 |
| 1609870000 | WS 12/5 MC BEDRUCKT | F.28 |
| 1609880000 | WS 15/5 MC NEUTRAL | F.28 |
| 1609890000 | WS 15/5 MC BEDRUCKT | F.28 |
| 1609900000 | WS 12/6 MC NEUTRAL | F.28 |
| 1609910000 | WS 12/6 MC BEDRUCKT | F.29 |
| 1609920000 | WS 12/6,5 MC NEUTRAL | F.29 |
| 1609930000 | WS 12/6,5 MC BEDRUCKT | F.29 |

## 1610000000

| | | |
|---|---|---|
| 1610000000 | ZS 10/5 MC NEUTRAL | F.29 |
| 1610010000 | ZS 10/5 MC BEDRUCKT | F.29 |
| 1610020000 | ZS 12/6 MC NEUTRAL | F.29 |
| 1610030000 | ZS 12/6 BEDRUCKT | F.29 |
| 1610840000 | ZAP TNHE/ZSI2.5 | C.54 |
| 1611930000 | ZGB 30 | F.34 |
| 1614280000 | ZRH 2.5/3 | C.148 |
| 1614290000 | ZRH 2.5/2 GR/V0 | C.148 |
| 1614300000 | ZRH 2.5/1 WS | C.148 |
| 1616400000 | ZSI 2.5 | C.54 |
| 1616410000 | ZSI 2.5/LD 250AC | C.55 |
| 1616420000 | ZSI 2.5/LD 120AC | C.55 |
| 1616430000 | ZSI 2.5/LD 60AC | C.55 |
| 1616440000 | ZSI 2.5/LD 28AC | C.55 |
| 1616460000 | ZSI 2.5/2 500AC | C.56 |
| 1616470000 | ZSI 2.5/2/LD 28AC | C.57 |
| 1616480000 | ZSI 2.5/2/LD 60AC | C.57 |
| 1616490000 | ZSI 2.5/2/LD 120AC | C.57 |
| 1616500000 | ZSI 2.5/2/LD 250AC | C.57 |

## 1620000000

| | | |
|---|---|---|
| 1627850000 | ZQV 6/2 GE | C.141 |
| 1627860000 | ZQV 6/3 GE | C.141 |
| 1627870000 | ZQV 6/4 GE | C.141 |

## 1630000000

| | | |
|---|---|---|
| 1631350000 | ESO 5 DIN A4 GELB BOG. | F.31 |
| 1631750000 | WTD 6/1 RT | D.181 |
| 1631760000 | WTD 6/1 GE | D.181 |
| 1631920000 | ESO 5 S DIN A4-BOGEN | F.31 |
| 1631930000 | SCHT 5 S | F.31 |
| 1631940000 | STR 5 S F.SCHT 5 S | F.31 |
| 1632050000 | ZDU 4 | C.8 |
| 1632060000 | ZDU 4 BL | C.8 |
| 1632080000 | ZPE 4 | C.38 |
| 1632090000 | ZAP/TW 4 | C.131 |
| 1632100000 | ZAP/TW 4 BL | C.8 |
| 1632110000 | ZAP/TW 4 OR | C.131 |
| 1632130000 | ZRH 1.5N/2 | C.148 |
| 1632140000 | ZRH 1.5N/1 | C.148 |
| 1632290000 | WTA 1 WDU1.5 | D.174 |
| 1632300000 | WTA 1/ZA WDU1.5 | D.174 |
| 1632320000 | WTA 2 WDU2.5-10 | D.174 |
| 1632330000 | WTA 2/ZA WDU2.5-10 | D.174 |
| 1632340000 | WTA 2/10 WDU2.5/10 | D.174 |
| 1632350000 | WTA 3 WDU4 | D.174 |
| 1632360000 | WTA 3/ZA WDU4 | D.6 |
| 1632380000 | WTA 6 WTR2.5 | D.174 |
| 1632390000 | WTA 6/ZA WTR2.5 | D.174 |
| 1633200000 | ZQS 2.5/2 | C.141 |
| 1633210000 | ZQS 2.5/3 | C.141 |
| 1633220000 | ZQS 2.5/4 | C.141 |
| 1633230000 | ZQS 2.5/5 | C.141 |
| 1633280000 | VQB 1.5/50 BL | D.96 |
| 1633290000 | VQB 1.5/50 RT | D.96 |
| 1634780000 | ESO 7 A4-BOGEN GELB | F.31 |
| 1635000000 | WS 10/5 MC NEUTRAL | F.28 |
| 1635010000 | WS 10/5 MC BEDRUCKT | F.28 |
| 1635120000 | VQB 1.5/50 SW | D.96 |
| 1636510000 | ESO 15 BOGEN DIN A4 | F.34 |
| 1636520000 | STR 15 F. ZGB 15 | F.34 |
| 1636530000 | ZGB 15 | F.34 |
| 1636560000 | WQV 16N/2 | D.9 |
| 1636570000 | WQV 16N/3 | D.9 |
| 1636580000 | WQV 16N/4 | D.9 |
| 1636640000 | ZRH 4/1 WS | C.148 |
| 1636650000 | ZRH 4/2 | C.148 |
| 1636780000 | ZDU 2.5 OR | C.152 |
| 1636790000 | ZDU 2.5/3AN OR | C.152 |
| 1636800000 | ZDU 2.5/4AN OR | C.152 |
| 1636810000 | ZDU 2.5/2X2AN OR | C.152 |
| 1636820000 | ZDU 6 OR | C.153 |
| 1636830000 | ZDU 4 OR | C.153 |

## 1640000000

| | | |
|---|---|---|
| 1640740000 | WS 8/5 MC NEUTRAL | F.28 |

| Order No. | Type | Page |
|---|---|---|
| 1640750000 | WS 8/5 MC BEDRUCKT | F.28 |
| 1646630000 | ZS 15/5 MC NEUTRAL | F.29 |
| 1646640000 | ZS 15/5 MC BEDRUCKT | F.29 |
| 1646690000 | ZZA 2.5 | C.149 |
| 1649300000 | ZVL 1.5 | C.111 |
| 1649350000 | ZZA 2.5/ZA | C.149 |
| 1649540000 | ZAP/TW ZIA1.5/3L | C.110 |
| 1649550000 | ZAP/TW ZIA1.5/4L | C.111 |

## 1650000000

| | | |
|---|---|---|
| 1650210000 | WTA 7 WSI6 | D.174 |
| 1650340000 | ZDU 2.5/2X2AN/D+ | C.121 |
| 1650350000 | ZDU 2.5/2X2AN/D- | C.121 |
| 1650360000 | ZVL 1.5 BL | C.111 |
| 1650370000 | ZVL 1.5 BR | C.111 |
| 1650670000 | ZBW 2 | C.147 |
| 1650680000 | ZBW 3 | C.147 |
| 1650690000 | ZBW 4 | C.147 |
| 1650700000 | ZBW-6 | C.147 |
| 1651970000 | ZVL 1.5/PE GN/GE BED | C.111 |
| 1651980000 | ZIA 1.5/3L-1S | C.110 |
| 1651990000 | ZIA 1.5/3L-1S/LD-RT | C.110 |
| 1652000000 | ZIA 1.5/3L-PE | C.110 |
| 1652010000 | ZIA 1.5/4L-1S | C.111 |
| 1652020000 | ZIA 1.5/4L-1S/LD | C.111 |
| 1652030000 | ZIA 1.5/4L-PE | C.111 |
| 1653340001 | DEK 8 FW 1-50 TAMPOPR. | F.23 |
| 1653340051 | DEK 8 FW 51-100 TAMPOP. | F.23 |
| 1653350001 | DEK 8 FS 1-50 TAMPOPR. | F.23 |
| 1653350051 | DEK 8 FS 51-100 TAMPOP. | F.23 |
| 1654050000 | ZTA 3 ZDU6 | C.142 |

## 1660000000

| | | |
|---|---|---|
| 1669620000 | ZBW 1 | C.147 |
| 1669630000 | ZBWW | C.147 |

## 1670000000

| | | |
|---|---|---|
| 1670360000 | QVSK 2 SAKT1 | D.70 |
| 1670370000 | ESO 5 POLY.WEISS A4-BOG. | F.31 |
| 1670380000 | ESO 5 POLY.GELB A4-BOG. | F.31 |
| 1670390000 | ESO 7 POLY.WEISS A4-BOG. | F.31 |
| 1670400000 | ESO 7 POLY.GELB A4-BOG. | F.31 |
| 1674300000 | ZDK 2.5 | C.22 |
| 1674650000 | ZAP/TW ZPV1.5 | C.110 |
| 1674730000 | ZAP/TW ZDK2.5 | C.130 |
| 1675350000 | KLBUE 2X2-6 | E.6 |
| 1676610000 | BZT ZVL1.5 | C.111 |
| 1676620000 | BZT ZVL1.5/0.ZA | C.111 |
| 1676630000 | ZPV 1.5 | C.110 |
| 1676640000 | ZDUS | C.149 |
| 1677120000 | ZQB 2.5-2 | C.140 |
| 1678630000 | ZDK 2.5 BL | C.22 |
| 1678680000 | ZST | C.151 |
| 1678800000 | ZRH 1.5H/2 | C.148 |
| 1678810000 | ZRH 1.5H/1 | C.148 |

## 1680000000

| | | |
|---|---|---|
| 1683260000 | ZDU 2.5 RT | C.152 |
| 1683270000 | ZDU 2.5 GE | C.152 |
| 1683280000 | ZDU 2.5 GN | C.152 |
| 1683290000 | ZDU 2.5 VI | C.152 |
| 1683300000 | ZDU 2.5 BR | C.152 |
| 1683310000 | ZDU 2.5 GR | C.152 |
| 1683320000 | ZDU 2.5 WS | C.152 |
| 1683330000 | ZDU 2.5 SW | C.152 |
| 1683340000 | ZDU 2.5/3AN RT | C.152 |
| 1683350000 | ZDU 2.5/3AN GE | C.152 |
| 1683360000 | ZDU 2.5/3AN GN | C.152 |
| 1683390000 | ZDU 2.5/3AN GR | C.152 |
| 1683400000 | ZDU 2.5/3AN WS | C.152 |
| 1683410000 | ZDU 2.5/3AN SW | C.152 |
| 1683420000 | ZDU 2.5/4AN RT | C.152 |
| 1683430000 | ZDU 2.5/4AN GE | C.152 |
| 1683440000 | ZDU 2.5/4AN GN | C.152 |
| 1683460000 | ZDU 2.5/4AN BR | C.152 |
| 1683470000 | ZDU 2.5/4AN GR | C.152 |
| 1683480000 | ZDU 2.5/4AN WS | C.152 |
| 1683490000 | ZDU 2.5/4AN SW | C.152 |
| 1683580000 | ZDU 4 RT | C.153 |
| 1683590000 | ZDU 4 GE | C.153 |
| 1683620000 | ZDU 4 BR | C.153 |
| 1683630000 | ZDU 4 GR | C.153 |
| 1683640000 | ZDU 4 WS | C.153 |
| 1683650000 | ZDU 4 SW | C.153 |
| 1683660000 | ZAP/TW 1 RT | C.130 |
| 1683680000 | ZAP/TW 1 GN | C.130 |
| 1683710000 | ZAP/TW 1 GR | C.130 |
| 1683730000 | ZAP/TW 1 SW | C.130 |
| 1683740000 | ZAP/TW 2 RT | C.130 |
| 1683760000 | ZAP/TW 2 GN | C.130 |
| 1683820000 | ZAP/TW 3 RT | C.130 |
| 1683840000 | ZAP/TW 3 GN | C.130 |
| 1683870000 | ZAP/TW 3 GR | C.130 |
| 1683880000 | ZAP/TW 3 WS | C.130 |
| 1683890000 | ZAP/TW 3 SW | C.130 |

| Order No. | Type | Page |
|---|---|---|
| 1683920000 | ZAP/TW 4 GN | C.131 |
| 1686920000 | PRINT KIT | F.40 |
| 1688110000 | ZTA 4 | C.143 |
| 1689960000 | ZDK 2.5N-DU | C.23 |
| 1689970000 | ZDK 2.5DU-PE | C.23 |
| 1689980000 | ZDK 2.5N-PE | C.23 |
| 1689990000 | ZDK 2.5V | C.22 |

## 1690000000

| | | |
|---|---|---|
| 1690000000 | ZDK 2.5PE | C.50 |
| 1690010000 | ZDK 2.5/LD RT/1 | C.123 |
| 1690020000 | ZDK 2.5/D/1 | C.124 |
| 1690030000 | ZDK 2.5/D/2 | C.124 |
| 1690040000 | ZDK 2.5/D/4 | C.125 |
| 1690050000 | ZDK 2.5/D/5 | C.125 |
| 1690060000 | ZDK 2.5/D/6 | C.125 |
| 1690080000 | ZAP/TW ZDK2.5 OR | C.130 |
| 1692240000 | ZDU 2.5/4AN GE/GN | C.152 |
| 1692261001 | KLBUE 3-8 SC | E.11 |
| 1692590000 | ZDU 2.5/2X2AN/LD+ | C.120 |
| 1692600000 | ZDU 2.5/2X2AN/LD- | C.120 |
| 1693800000 | ZQV 2.5N/2 GE | D.165 |
| 1693810000 | ZQV 2.5N/3 GE | D.165 |
| 1693820000 | ZQV 2.5N/4 GE | D.165 |
| 1693830000 | ZQV 2.5N/5 GE | C.140 |
| 1693840000 | ZQV 2.5N/6 GE | C.140 |
| 1693850000 | ZQV 2.5N/7 GE | C.140 |
| 1693860000 | ZQV 2.5N/8 GE | C.140 |
| 1693870000 | ZQV 2.5N/9 GE | C.140 |
| 1693880000 | ZQV 2.5N/10 GE | D.165 |
| 1693890000 | ZQV 2.5N/50 GE | C.117 |
| 1693940000 | ZDK 2.5/LD RT/2 | C.123 |
| 1694140000 | ZDK 2.5 OR | C.123 |
| 1697540000 | ZQV 2.5/50 | C.110 |
| 1698160000 | ZRV 1.5 | C.94 |
| 1698170000 | ZRV 1.5/PE | C.94 |
| 1698180000 | AP ZRV1.5 DB | C.131 |
| 1698190000 | STGH 4 ZRV1.5 | C.94 |
| 1698200000 | STGH 4 ZRV1.5/PE GN | C.94 |
| 1698770000 | ZDU 4 GE/GN | C.153 |
| 1698780000 | ZDU 2.5 GE/GN | C.152 |
| 1698790000 | ZDU 2.5/3AN GE/GN | C.152 |

## 1700000000

| | | |
|---|---|---|
| 1704340000 | ZTW ZDUB | C.132 |
| 1704350000 | ZDUB 2.5-2/2AN/DM | C.115 |
| 1704360000 | ZDUB 2.5-2/2AN/DM BL | C.115 |
| 1704370000 | ZDUB 2.5-2/2AN/DM OR | C.115 |
| 1704380000 | ZDUB 2.5-2/2AN/DM GE | C.115 |
| 1704500000 | ZDUB 2.5-2/2AN/DB | C.115 |
| 1704510000 | ZDUB 2.5-2/2AN/DB BL | C.115 |
| 1704530000 | ZDUB 2.5-2/2AN/DB GE | C.115 |
| 1704540000 | ZDUB 2.5-2/4AN/DM | C.115 |
| 1704550000 | ZDUB 2.5-2/4AN/DM BL | C.115 |
| 1704560000 | ZDUB 2.5-2/4AN/DM OR | C.115 |
| 1704570000 | ZDUB 2.5-2/4AN/DM GE | C.115 |
| 1704690000 | ZDUB 2.5-2/4AN/DB | C.115 |
| 1704700000 | ZDUB 2.5-2/4AN/DB BL | C.115 |
| 1704720000 | ZDUB 2.5-2/4AN/DB GE | C.115 |
| 1704740000 | ZBB ZDUB | C.115 |
| 1704750000 | ZAP ZDUB | C.132 |
| 1704760000 | ZAP ZDUB BL | C.132 |
| 1704770000 | ZAP ZDUB OR | C.132 |
| 1705310000 | DFFC 0.2-0.35 ZRV1.5 | C.94 |
| 1705320000 | DFFC .5-1.0 ZRV1.5 | C.94 |
| 1706010000 | ZDU 2.5-2/3AN | C.14 |
| 1706040000 | ZDU 2.5-2/3AN BL | C.14 |
| 1706050000 | ZDU 2.5-2/3AN OR | C.152 |
| 1706060000 | ZDU 2.5-2/4AN | C.15 |
| 1706070000 | ZDU 2.5-2/4AN BL | C.15 |
| 1706080000 | ZDU 2.5-2/4AN OR | C.152 |
| 1706090000 | ZPE 2.5-2/3AN | C.44 |
| 1706100000 | ZPE 2.5-2/4AN | C.45 |
| 1706110000 | ZAP/TW7 | C.131 |
| 1706120000 | ZAP/TW7 BL | C.131 |
| 1706130000 | ZAP/TW7 OR | C.131 |

## 1710000000

| | | |
|---|---|---|
| 1711930000 | ZVL 1.5 0.QV | C.111 |
| 1712311001 | KLBUE 4-13.5 SC | E.11 |
| 1712321001 | KLBUE 10-20 SC | E.11 |
| 1712750000 | ZDUB 2.5-2/2AN/15 | C.116 |
| 1712760000 | ZDUB 2.5-2/2AN/15 BL | C.116 |
| 1712770000 | ZDUB 2.5-2/2AN/15 OR | C.116 |
| 1712780000 | ZDUB 2.5-2/4AN/15 | C.116 |
| 1712790000 | ZDUB 2.5-2/4AN/15 BL | C.116 |
| 1712800000 | ZDUB 2.5-2/4AN/15 OR | C.116 |
| 1712810000 | ZPEB 2.5-2 | C.117 |
| 1712820000 | ZDUB 2.5-2/2AN/RC | C.114 |
| 1712830000 | ZDUB 2.5-2/2AN/RC BL | C.114 |
| 1712840000 | ZDUB 2.5-2/2AN/RC OR | C.114 |
| 1712850000 | ZDUB 2.5-2/2AN/RC GE | C.114 |
| 1712970000 | ZDUB 2.5-2/4AN/RC | C.114 |
| 1712980000 | ZDUB 2.5-2/4AN/RC BL | C.114 |
| 1713000000 | ZDUB 2.5-2/4AN/RC GE | C.114 |
| 1715970000 | WSH 3/H/N | E.8 |

| Order No. | Type | Page |
|---|---|---|
| 1716300000 | KLBUE 15-32 | E.6 |
| 1717740000 | WPE 35N | D.29 |
| 1717900000 | ZQV 2.5N/2 RT | D.165 |
| 1717910000 | ZQV 2.5N/3 RT | D.165 |
| 1717920000 | ZQV 2.5N/4 RT | D.165 |
| 1717930000 | ZQV 2.5N/5 RT | D.165 |
| 1717940000 | ZQV 2.5N/6 RT | D.165 |
| 1717950000 | ZQV 2.5N/7 RT | D.165 |
| 1717960000 | ZQV 2.5N/8 RT | D.165 |
| 1717970000 | ZQV 2.5N/9 RT | D.165 |
| 1717980000 | ZQV 2.5N/10 RT | D.165 |
| 1717990000 | ZQV 2.5N/2 BL | D.165 |
| 1718000000 | ZQV 2.5N/3 BL | D.165 |
| 1718010000 | ZQV 2.5N/4 BL | D.165 |
| 1718020000 | ZQV 2.5N/5 BL | D.165 |
| 1718030000 | ZQV 2.5N/6 BL | D.165 |
| 1718040000 | ZQV 2.5N/7 BL | D.165 |
| 1718050000 | ZQV 2.5N/8 BL | D.165 |
| 1718060000 | ZQV 2.5N/9 BL | D.165 |
| 1718070000 | ZQV 2.5N/10 BL | D.165 |
| 1718080000 | ZQV 2.5N/2 SW | D.165 |
| 1718090000 | ZQV 2.5N/3 SW | D.165 |
| 1718100000 | ZQV 2.5N/4 SW | D.165 |
| 1718110000 | ZQV 2.5N/5 SW | D.165 |
| 1718120000 | ZQV 2.5N/6 SW | D.165 |
| 1718130000 | ZQV 2.5N/7 SW | D.165 |
| 1718140000 | ZQV 2.5N/8 SW | D.165 |
| 1718150000 | ZQV 2.5N/9 SW | D.165 |
| 1718160000 | ZQV 2.5N/10 SW | D.165 |
| 1718341001 | KLBUE 15-32 SC | E.11 |
| 1718550000 | WNT 35N 10X3 | D.84 |

## 1720000000

| | | |
|---|---|---|
| 1720620000 | DEK 5/7.5 MC NEUTRAL | F.25 |
| 1720700000 | ZVQ 2.5/1.5 | C.141 |
| 1720920000 | ZDUA 2.5-2 | C.117 |
| 1720930000 | ZDUA 2.5-2 BL | C.117 |
| 1720940000 | ZDUA 2.5-2 OR | C.117 |
| 1720950000 | ZPEA 2.5-2 | C.117 |
| 1720960000 | ZAP/TW ZDUA | C.117 |
| 1720970000 | ZAP/TW ZDUA BL | C.117 |
| 1720980000 | ZAP/TW ZDUA OR | C.117 |
| 1723660000 | MOFU 15/35 ZDUB | C.115 |
| 1723800000 | BS 35II KLBUE HOLDER | E.12 |
| 1723810000 | BS 35II KLBUE3-8 | E.12 |
| 1723820000 | BS 35II/KLBUE 4-13.5 | E.12 |
| 1724580000 | FM 4.2/TS35 | F.14 |

## 1730000000

| | | |
|---|---|---|
| 1730900000 | ZSI 2.5/5X25 | C.55 |
| 1730940000 | WDU 2.5N/600UL | D.6 |
| 1739540000 | ZDU 10S | C.73 |
| 1739550000 | ZDU 10S BL | C.73 |
| 1739560000 | ZNT 10S | C.74 |
| 1739570000 | ZPE 10S | C.78 |
| 1739580000 | ZDU 16S | C.73 |
| 1739590000 | ZDU 16S BL | C.73 |
| 1739600000 | ZNT 16S | C.75 |
| 1739610000 | ZPE 16S | C.79 |
| 1739620000 | ZDU 35 | C.12 |
| 1739630000 | ZDU 35 BL | C.12 |
| 1739640000 | ZNT 35 | C.75 |
| 1739650000 | ZPE 35 | C.43 |
| 1739660000 | ZAP ZDU10/16S | C.132 |
| 1739680000 | ZQV 10/2 | C.141 |
| 1739690000 | ZQV 16/2 | C.141 |
| 1739700000 | ZQV 35/2 | C.12 |
| 1739890000 | SCH-1-WB | E.11 |

## 1740000000

| | | |
|---|---|---|
| 1741260001 | MC-Mobilo 110V/220V | F.40 |
| 1742630000 | BTWZ KLBUE | E.11 |
| 1745150000 | ZAP/TW ZDU16 | C.131 |
| 1745210000 | ZAD 5/5 | C.11 |
| 1745230000 | ZDU 16 | C.11 |
| 1745240000 | ZDU 16 BL | C.11 |
| 1745250000 | ZPE 16 | C.42 |
| 1745350000 | ZEI 16 | C.11 |
| 1745400000 | ZDTR 2.5 | C.67 |
| 1745420000 | AP ZDTR2.5 | C.67 |
| 1745880000 | ZDK 2.5V BL | C.22 |
| 1746730000 | ZAD 4/5 | C.10 |
| 1746750000 | ZDU 10 | C.10 |
| 1746760000 | ZDU 10 BL | C.10 |
| 1746770000 | ZPE 10 | C.41 |
| 1747350000 | TS 35X7.5 2M/CRN | F.10 |
| 1748660000 | ZAP/TW ZDU10 | C.131 |
| 1748800000 | ZAP/TW ZDK2.5 BL | C.130 |
| 1749151001 | KLBUE CO 3 | E.7 |
| 1749161001 | KLBUE CO 4 | E.7 |
| 1749430000 | BS 35II KLBUE3-8/2X2-6 | E.12 |
| 1749580000 | ZAP/TW 10/16 | C.131 |

## 1750000000

| | | |
|---|---|---|
| 1752131001 | KLBUE CO 2 | E.7 |
| 1752620000 | ZAD 6/5 | C.12 |
| 1752681001 | KLBUE 3-8 CPF | E.13 |
| 1752691001 | KLBUE 4-13.5 CPF | E.13 |
| 1752701001 | KLBUE 10-20 CPF | E.13 |
| 1752711001 | KLBUE 15-32 CPF | E.13 |
| 1753280000 | WDU 1.5/R3.5 | D.132 |
| 1753290000 | WDK 1.5/R3.5 | D.132 |
| 1753311001 | KLBUE CO 1 | E.7 |
| 1754170000 | WDU 1.5/R3.5 BL | D.132 |
| 1754190000 | WAP WDU1.5/R3.5 | D.133 |
| 1754200000 | WAP WDK1.5/R3.5 | D.132 |
| 1754210000 | ZQV 1.5N/R3.5/2 GE | D.132 |
| 1754220000 | ZQV 1.5N/R3.5/3 GE | D.132 |
| 1754230000 | ZQV 1.5N/R3.5/4 GE | D.132 |
| 1754290000 | ZQV 1.5N/R3.5/10 GE | D.132 |
| 1754960000 | WTL 4 | D.72 |
| 1754970000 | WTL 4/STB | D.72 |
| 1755081001 | KLBUE CO 5 | E.7 |
| 1755270000 | DEK 5/3,5 MC NEUTRAL | F.25 |
| 1755280001 | DEK 5/3,5 MC GW 1 | F.22 |
| 1755280002 | DEK 5/3,5 MC GW 2 | F.22 |
| 1755280003 | DEK 5/3,5 MC GW 3 | F.22 |
| 1755280004 | DEK 5/3,5 MC GW 4 | F.22 |
| 1755280005 | DEK 5/3,5 MC GW 5 | F.22 |
| 1755280006 | DEK 5/3,5 MC GW 6 | F.22 |
| 1755280007 | DEK 5/3,5 MC GW 7 | F.22 |
| 1755280008 | DEK 5/3,5 MC GW 8 | F.22 |
| 1755280009 | DEK 5/3,5 MC GW 9 | F.22 |
| 1755281000 | DEK 5/3,5 MC GW 0 | F.22 |
| 1757970000 | ZAP ZDU4/NT | C.76 |
| 1757980000 | ZDU 4/NT | C.76 |
| 1758250000 | ZQV 4N/2 GE | D.165 |
| 1758260000 | ZQV 4N/10 GE | D.165 |

## 1760000000

| | | |
|---|---|---|
| 1760720000 | BS 35/WSH 2 | E.9 |
| 1762320001 | DEK 5/3,5 MC FSZ 1-10 | F.22 |
| 1762320011 | DEK 5/3,5 MC FSZ 11-20 | F.22 |
| 1762320021 | DEK 5/3,5 MC FSZ 21-30 | F.22 |
| 1762320031 | DEK 5/3,5 MC FSZ 31-40 | F.22 |
| 1762320041 | DEK 5/3,5 MC FSZ 41-50 | F.22 |
| 1762320051 | DEK 5/3,5 MC FSZ 51-60 | F.22 |
| 1762320061 | DEK 5/3,5 MC FSZ 61-70 | F.22 |
| 1762320071 | DEK 5/3,5 MC FSZ 71-80 | F.22 |
| 1762320081 | DEK 5/3,5 MC FSZ 81-90 | F.22 |
| 1762320091 | DEK 5/3,5 MC FSZ 91-100 | F.22 |
| 1762320101 | DEK 5/3,5 MC FSZ 101-110 | F.22 |
| 1762320111 | DEK 5/3,5 MC FSZ 111-120 | F.22 |
| 1762320121 | DEK 5/3,5 MC FSZ 121-130 | F.22 |
| 1762320131 | DEK 5/3,5 MC FSZ 131-140 | F.22 |
| 1762320141 | DEK 5/3,5 MC FSZ 141-150 | F.22 |
| 1762420000 | ZDU 10/NT | C.76 |
| 1762440000 | ADAPTER ALU STI-S | F.39 |
| 1762620000 | ZQV 4N/4 GE | D.165 |
| 1762630000 | ZQV 4N/3 GE | D.165 |
| 1763940000 | WTR 2.5/SI | D.50 |
| 1763950000 | WTR 2.5/SI LD 36V | D.50 |
| 1764100000 | ZAP/TW ZDU16 BL | C.11 |
| 1764110000 | ZAP/TW ZDU10 BL | C.10 |
| 1764550000 | ZBS1 F.D SET | C.149 |
| 1764560000 | ZAD 1/4-2 GE | C.147 |
| 1766240000 | ZEI 16 BL | C.11 |
| 1767670000 | ZPE 10/3AN | C.41 |
| 1767690000 | ZDU 10/3AN | C.10 |
| 1767700000 | ZDU 10/3AN BL | C.10 |
| 1767730000 | DEK 5/3,5 MC bedruckt | F.25 |
| 1768000000 | ZMAK 2.5 | C.34 |
| 1768010000 | ZAP ZMAK2.5 | C.34 |
| 1768020000 | BS 35II KLBUE2X3-8/2X2-6 | E.12 |
| 1768090000 | WS 14/5 MC NEUTRAL | F.28 |
| 1768310000 | ZPE 16/3AN | C.42 |
| 1768320000 | ZDU 16/3AN | C.11 |
| 1768330000 | ZDU 16/3AN BL | C.11 |
| 1768520000 | ZAP/TW 10/16 BL | C.131 |
| 1768540000 | Plotterpen 0,25 | F.39 |
| 1768550000 | Plotterpen 0,35 | F.39 |
| 1768560000 | Plotterpen 0,5 | F.39 |
| 1768570000 | Plotterpen 0,18 | F.39 |
| 1768800000 | ZDK 2.5 EM | C.123 |

## 1770000000

| | | |
|---|---|---|
| 1770360000 | ZDU 4-2/3AN | C.15 |
| 1770370000 | ZDU 4-2/2AN | C.15 |
| 1770380000 | ZPE 4-2/2AN | C.45 |
| 1770390000 | ZPE 4-2/3AN | C.45 |
| 1770400000 | ZAP ZDU4-2 | C.131 |
| 1770490000 | DEK 5/7.5 MC SONDERDR. | F.25 |
| 1770840000 | ZDU 4-2/2AN BL | C.15 |
| 1770860000 | ZDU 4-2/3AN BL | C.15 |
| 1770870000 | ZDU 4-2/3AN OR | C.153 |
| 1770880000 | ZAP ZDU4-2 BL | C.131 |
| 1770890000 | ZAP ZDU4-2 OR | C.131 |
| 1771360000 | ZPE 6-2/3AN | C.47 |
| 1771370000 | ZPE 6-2/2AN | C.46 |
| 1771380000 | ZDU 6-2/2AN | C.17 |
| 1771390000 | ZDU 6-2/2AN BL | C.17 |
| 1771400000 | ZDU 6-2/2AN OR | C.153 |
| 1771410000 | ZDU 6-2/3AN | C.17 |
| 1771420000 | ZDU 6-2/3AN BL | C.17 |
| 1771430000 | ZDU 6-2/3AN OR | C.153 |
| 1771440000 | ZAP ZDU6-2 | C.131 |
| 1771450000 | ZAP ZDU6-2 BL | C.131 |
| 1771460000 | ZAP ZDU6-2 OR | C.131 |
| 1771800000 | ZTL 6 | C.68 |
| 1771810000 | ZTD 6 | C.68 |
| 1771820000 | KSBR/2 ZTL6 | C.68 |
| 1771830000 | KSBR/3 ZTL6 | C.69 |
| 1771840000 | KSBR/4 ZTL6 | C.69 |
| 1771860000 | SSP ZTL6 | C.68 |
| 1771870000 | ZTW ZTL6 | C.133 |
| 1771880000 | ZTW ZTL6 OR | C.133 |
| 1771950000 | ZTL 6/STB | C.69 |
| 1771960000 | ZTD 6/STB | C.69 |
| 1772060000 | ZDU 2.5-2 | C.14 |
| 1772070000 | ZDU 2.5-2 BL | C.14 |
| 1772080000 | ZDU 2.5-2 OR | C.152 |
| 1772090000 | ZPE 2.5-2 | C.44 |
| 1772120000 | Tinte 2000 25ml | F.39 |
| 1772130000 | Reiniger 2000 25ml | F.39 |
| 1772940000 | ZEI 16-2/1AN | C.17 |
| 1772950000 | ZEI 16-2/1AN BL | C.17 |
| 1772960000 | ZPE 16-2/1AN | C.47 |
| 1772970000 | ZAP/Z...16-2/1AN | C.131 |
| 1773410000 | AP 100 GR | D.158 |
| 1773521686 | WS 8/5 MC NEUTRAL RT | F.28 |
| 1773521687 | WS 8/5 MC NEUTRAL GE | F.28 |
| 1773521690 | WS 8/5 MC NEUTRAL OR | F.28 |
| 1773521693 | WS 8/5 MC NEUTRAL BL | F.28 |
| 1773531686 | WS 10/5 MC NEUTRAL RT | F.28 |
| 1773531687 | WS 10/5 MC NEUTRAL GE | F.28 |
| 1773531693 | WS 10/5 MC NEUTRAL BL | F.28 |
| 1773541686 | WS 12/5 MC NEUTRAL RT | F.28 |
| 1773541687 | WS 12/5 MC NEUTRAL GE | F.28 |
| 1773541690 | WS 12/5 MC NEUTRAL OR | F.28 |
| 1773541693 | WS 12/5 MC NEUTRAL BL | F.28 |
| 1773551686 | WS 12/6 MC NEUTRAL RT | F.28 |
| 1773551687 | WS 12/6 MC NEUTRAL GE | F.28 |
| 1773551689 | WS 12/6 MC NEUTRAL VI | F.28 |
| 1773551690 | WS 12/6 MC NEUTRAL OR | F.28 |
| 1773551692 | WS 12/6 MC NEUTRAL BR | F.28 |
| 1773551693 | WS 12/6 MC NEUTRAL BL | F.28 |
| 1773561686 | WS 12/6,5 MC neutral RT | F.29 |
| 1773561687 | WS 12/6,5 MC neutral GE | F.29 |
| 1773561688 | WS 12/6,5 MC neutral GN | F.29 |
| 1773561693 | WS 12/6,5 MC neutral BL | F.29 |
| 1773571687 | WS 15/5 MC neutral GE | F.28 |
| 1775480000 | ZDU 1.5 | C.4 |
| 1775490000 | ZDU 1.5 BL | C.4 |
| 1775500000 | ZDU 1.5 OR | C.152 |
| 1775510000 | ZPE 1.5 | C.36 |
| 1775530000 | ZDU 1.5/3AN | C.4 |
| 1775540000 | ZDU 1.5/3AN BL | C.4 |
| 1775550000 | ZDU 1.5/3AN OR | C.152 |
| 1775560000 | ZPE 1.5/3AN | C.36 |
| 1775580000 | ZDU 1.5/4AN | C.5 |
| 1775600000 | ZDU 1.5/4AN BL | C.5 |
| 1775610000 | ZDU 1.5/4AN OR | C.152 |
| 1775620000 | ZPE 1.5/4AN | C.37 |
| 1776030000 | ZAP/TW ZDU1.5/2AN | C.130 |
| 1776040000 | ZAP/TW ZDU1.5/2AN BL | C.4 |
| 1776050000 | ZAP/TW ZDU1.5/2AN OR | C.130 |
| 1776060000 | ZAP/TW ZDU1.5/3AN | C.130 |
| 1776070000 | ZAP/TW ZDU1.5/3AN BL | C.4 |
| 1776080000 | ZAP/TW ZDU1.5/3AN OR | C.130 |
| 1776090000 | ZAP/TW ZDU1.5/4AN | C.130 |
| 1776100000 | ZAP/TW ZDU1.5/4AN BL | C.5 |
| 1776110000 | ZAP/TW ZDU1.5/4AN OR | C.130 |
| 1776120000 | ZQV 1.5/2 | C.140 |
| 1776130000 | ZQV 1.5/3 | C.140 |
| 1776140000 | ZQV 1.5/4 | C.140 |
| 1776150000 | ZQV 1.5/5 | C.140 |
| 1776200000 | ZQV 1.5/10 | C.140 |
| 1776210000 | ZTA 5 | C.143 |
| 1776220000 | ZTA 5/ZA | C.143 |
| 1778080000 | ZDU 4/NT DB | C.76 |
| 1778270000 | WS 12/3,5 MC neutral | F.28 |
| 1778280000 | WS 12/3,5 MC Sonderdr. | F.28 |
| 1779000000 | ZDU 2.5-2/D- | C.122 |
| 1779010000 | ZTR 2.5-2 | C.70 |
| 1779020000 | ZTR 2.5-2/O.TNHE | C.70 |
| 1779100000 | TSTW 5/M5 ZN | F.13 |
| 1779110000 | ZDU 2.5-2/D+ | C.122 |
| 1779120000 | ZTR 2.5-2 BL | C.70 |
| 1779130000 | ZTR 2.5-2 OR | C.70 |

## 1780000000

| | | |
|---|---|---|
| 1780660000 | ZTA 6/ZA | C.142 |
| 1780670000 | ZTA 7/ZA | C.142 |
| 1780850000 | WF 6 | D.144 |
| 1780860000 | WF 8 | D.145 |
| 1780870000 | WF 10 | D.145 |
| 1780880000 | WF 12 | D.145 |
| 1780890000 | WTW WF10/WF12 | D.151 |
| 1780900000 | WTW WF8 | D.145 |
| 1780910000 | WTW WF8 2300 | D.151 |
| 1780920000 | WTW WF10/WF12 2300 | D.151 |
| 1780930000 | ADP WF6/WF8 | D.144 |
| 1780940000 | ADP WF10/WF12 | D.147 |
| 1780970000 | WQL 2 WF6 | D.150 |
| 1780980000 | WQL 3 WF6 | D.150 |
| 1780990000 | WQL 2 WF8 | D.150 |
| 1781000000 | WQL 3 WF8 | D.150 |
| 1781010000 | WQL 2 WF10 | D.150 |
| 1781020000 | WQL 3 WF10 | D.150 |
| 1781030000 | WQL 2 WF12 | D.145 |
| 1781040000 | WQL 3 WF12 | D.145 |
| 1781050000 | HA ADP WF6/WF10 | D.147 |
| 1781140000 | BZT ZTL6 | C.68 |
| 1781220000 | WTW WF6 | D.144 |
| 1781230000 | WTW WF6 2300 | D.151 |
| 1781240000 | WTW WF6-WF12 | D.144 |
| 1781930000 | ZBW 1/3.5 | C.147 |
| 1781940000 | ZAD 7/4 | C.146 |
| 1781950000 | ZRH 1.5S/1 | C.148 |
| 1781960000 | ZRH 1.5S/2 | C.148 |
| 1782300000 | ZDLD 2.5-2N | C.24 |
| 1782310000 | ZDLD 2.5-2N BL | C.24 |
| 1782320000 | ZDLD 2.5-2VN | C.24 |
| 1782330000 | ZDLD 2.5-2VN BL | C.24 |
| 1782340000 | ZAP/TW ZDLD2.5-2N | C.131 |
| 1782350000 | ZAP/TW ZDLD2.5-2N BL | C.131 |
| 1782360000 | ZAP/TW ZDLD2.5-2N OR | C.131 |
| 1783550000 | AP DLI2.5 DB | D.157 |
| 1783560000 | DLA 2.5 DB | D.94 |
| 1783590000 | DLA 2.5/D DB | D.94 |
| 1783600000 | DLA 2.5/LD-RT DB | D.95 |
| 1783630000 | DLA 2.5/LD-GN/D DB | D.95 |
| 1783790000 | DLD 2.5/PE DB | D.92 |
| 1783800000 | AP DLD2.5/PE DB | D.157 |
| 1783820000 | DLI 2.5 DB | D.93 |
| 1783940000 | DLI 2.5/LD-GN/NPN -+ DB | D.93 |
| 1783950000 | DLI 2.5/LD-RT/NPN -+ DB | D.93 |
| 1783970000 | DLI 2.5/LD-GN/PNP +- DB | D.93 |
| 1783980000 | DLI 2.5/LD-RT/PNP +- DB | D.93 |
| 1784120000 | VLI 1.5 DB | D.96 |
| 1784130000 | VLI 1.5/PE DB | D.96 |
| 1784150000 | AP VLI1.5 DB | D.96 |
| 1784160000 | AP VLI1.5/PE DB | D.158 |
| 1784180000 | DLD 2.5 DB | D.92 |
| 1784210000 | AP DLD2.5 DB | D.157 |
| 1784460000 | WDU 1.5/ZQV/BLZ 5.08 | D.100 |
| 1789770000 | WF 6/2BZ | D.146 |
| 1789780000 | WF 8/2BZ | D.146 |
| 1789790000 | WF 10/2BZ | D.147 |

## 1790000000

| | | |
|---|---|---|
| 1790130000 | WF 5 | D.144 |
| 1790520000 | ZDU 4-2/3AN LSC | C.16 |
| 1790990000 | ZDK 2.5-2 | C.28 |
| 1791000000 | ZDK 2.5-2 BL | C.28 |
| 1791010000 | ZDK 2.5-2PE | C.51 |
| 1791030000 | ZDK 2.5-2V | C.28 |
| 1791040000 | ZDK 2.5-2V BL | C.28 |
| 1791050000 | ZAP/TW ZDK2.5-2 | C.131 |
| 1791060000 | ZAP/TW ZDK2.5-2 BL | C.28 |
| 1791070000 | ZAP/TW ZDK2.5-2 OR | C.131 |
| 1791100000 | ZDK 1.5 | C.20 |
| 1791110000 | ZDK 1.5 BL | C.20 |
| 1791120000 | ZDK 1.5DU-PE | C.21 |
| 1791130000 | ZDK 1.5V | C.20 |
| 1791140000 | ZDK 1.5V BL | C.20 |
| 1791150000 | ZDK 1.5PE | C.50 |
| 1791160000 | ZAP/TW ZDK1.5 | C.130 |
| 1791170000 | ZAP/TW ZDK1.5 BL | C.130 |
| 1791190000 | ZEI 6 | C.5 |
| 1792000000 | WS 10/5 MC MIDD. NEUTR. | F.28 |
| 1792010000 | WS 10/5 MC MIDD. SONDER | F.28 |
| 1793950000 | ZQV 4N/2 RT | D.165 |
| 1793960000 | ZQV 4N/2 BL | D.165 |
| 1793970000 | ZQV 4N/2 SW | D.165 |
| 1793980000 | ZQV 4N/3 RT | D.165 |
| 1793990000 | ZQV 4N/3 BL | D.165 |
| 1794000000 | ZQV 4N/3 SW | D.165 |
| 1794010000 | ZQV 4N/4 RT | D.165 |
| 1794020000 | ZQV 4N/4 BL | D.165 |
| 1794030000 | ZQV 4N/4 SW | D.165 |
| 1794040000 | ZQV 4N/10 RT | D.165 |
| 1794050000 | ZQV 4N/10 BL | D.165 |
| 1794060000 | ZQV 4N/10 SW | D.165 |
| 1797460000 | Tintenpatrone PrintJet | F.36 |
| 1798330000 | ZDTR 2.5 BL | C.67 |
| 1798340000 | AP ZDTR2.5 BL | C.131 |
| 1798460000 | WPE 1.5/R3.5 | D.133 |

## 1800000000

| | | |
|---|---|---|
| 1802180000 | MC-MOBILO AUFN. SF 4-6 | F.40 |
| 1802690000 | TS 27X12.5M/ST/F.ZN | E.13 |
| 1802780000 | WDU 240 | D.13 |
| 1802790000 | WQB 240/2 | D.13 |

| Order No. | Type | Page |
|---|---|---|
| 1802800000 | WQB 240/3 | D.13 |
| 1802810000 | WZAD 240 | D.13 |
| 1803890000 | ZHP ZDU4/NT SO | C.76 |
| 1805480000 | BZT 2 WS 10/5 | F.30 |
| 1805490000 | BZT 1 WS 10/5 | F.30 |
| 1805520000 | BZT 1 ZA WS 10/5 | F.30 |
| 1805530000 | BZT 2 ZA WS 10/5 | F.30 |
| 1805610000 | MEW 35/1 | F.12 |
| 1805880000 | SNAPMARK I | F.30 |
| 1805940000 | ZDKPE 2.5-2 | C.29 |
| 1805960000 | ZAP/TW ZDKPE2.5-2 | C.29 |
| 1805980000 | TS 35X15/6X18 2M/ST/ZN | F.10 |
| 1806120000 | EM 8/30 | F.33 |
| 1806620000 | WQL 2 WF6-10 | D.150 |
| 1806630000 | IS 2 KG | F.63 |
| 1806640000 | WQL 3 WF6-10/2 | D.150 |
| 1806650000 | IS 3 KG | F.63 |
| 1806660000 | IS 4 KG | F.63 |
| 1806980000 | ZDU 4-2/4AN | C.16 |
| 1806990000 | ZDU 4-2/4AN BL | C.16 |
| 1807010000 | ZAP ZDU4-2/4AN | C.131 |
| 1807020000 | ZAP ZDU4-2/4AN BL | C.16 |
| 1807030000 | ZAP ZDU4-2/4AN OR | C.131 |
| 1807090000 | ZPE 4-2/4AN | C.46 |
| 1808010000 | ZDU 2.5 S | C.72 |
| 1808020000 | ZDU 2.5 S BL | C.72 |
| 1808030000 | ZAP ZDU 2.5 S | C.132 |
| 1808040000 | ZAP ZDU 2.5 S BL | C.72 |
| 1808050000 | ZAP ZDU 2.5 S OR | C.132 |
| 1808170000 | ZAP/TW ZDUA2.5-2N | C.118 |
| 1808180000 | ZDUA 2.5-2N BL | C.118 |
| 1808200000 | ZDUA 2.5-2N | C.118 |
| 1808210000 | ZPEA 2.5-2N | C.118 |
| 1808230000 | ZDU 6 S | C.73 |
| 1808240000 | ZDU 6 S BL | C.73 |
| 1808250000 | ZAP ZDU 6 S | C.132 |
| 1808260000 | ZAP ZDU 6 S BL | C.132 |
| 1808280000 | ZHP S SO | C.132 |
| 1808290000 | ZHP S | C.132 |
| 1808320000 | ZNT 6 S | C.74 |
| 1808330000 | ZPE 2.5 S | C.77 |
| 1808340000 | ZPE 4 S | C.77 |
| 1808350000 | ZPE 6 S | C.78 |
| 1808360000 | ZDU 4 S | C.72 |
| 1808370000 | ZDU 4 S BL | C.72 |
| 1808380000 | ZAP ZDU 4 S | C.132 |
| 1808390000 | ZAP ZDU 4 S BL | C.72 |
| 1808980000 | WQL 2 WF6-8 | D.150 |
| 1809110000 | ST 4000/S M8 | D.152 |
| 1809120000 | ST 4000/S M8 F | D.152 |
| 1809130000 | ST 4000/S M10 | D.152 |
| 1809140000 | ST 4000/S M10 F | D.152 |
| 1809150000 | ST 4000/L M10 | D.153 |
| 1809160000 | ST 4000/L M10 F | D.153 |
| 1809170000 | ST 4000/L M12 | D.153 |
| 1809180000 | ST 4000/L M12 F | D.153 |
| 1809190000 | ST 4000/S P150 | D.152 |
| 1809200000 | ST 4000/L P180 | D.153 |
| 1809210000 | ST 4000/S E150 | D.152 |
| 1809220000 | ST 4000/L E180 | D.153 |
| 1809230000 | ST 4000/S C130 | D.152 |
| 1809240000 | ST 4000/L C160 | D.153 |
| 1809250000 | ST 4000/S CB M8/4 | D.152 |
| 1809260000 | ST 4000/S CB M10/4 | D.152 |
| 1809270000 | ST 4000/S CB M10/6 | D.152 |
| 1809280000 | ST 4000/L CB M10/4 | D.153 |
| 1809290000 | ST 4000/L CB M12/4 | D.153 |
| 1809300000 | ST 4000/L CB M12/6 | D.153 |
| 1809310000 | ST 4000/S J2 M8 | D.152 |
| 1809320000 | ST 4000/S J3 M8 | D.152 |
| 1809340000 | ST 4000/S J2 M10 | D.152 |
| 1809350000 | ST 4000/S J3 M10 | D.152 |
| 1809360000 | ST 4000/S J4 M10 | D.152 |
| 1809370000 | ST 4000/L J2 M10 | D.153 |
| 1809390000 | ST 4000/L J4 M10 | D.153 |
| 1809400000 | ST 4000/L J2 M12 | D.153 |
| 1809410000 | ST 4000/L J3 M12 | D.153 |
| 1809420000 | ST 4000/L J4 M12 | D.153 |
| 1809470000 | ST 4000/S S150 | D.152 |
| 1809480000 | ST 4000/L S180 | D.153 |

## 1810000000

| Order No. | Type | Page |
|---|---|---|
| 1812710000 | WQL 2 WF5 | D.144 |
| 1812740000 | WQL 3 WF5 | D.144 |
| 1814660000 | ZF 4 S BL | F.7 |
| 1814670000 | ZF 4 S GN | F.7 |
| 1814680000 | ZF 4 S | F.7 |
| 1814690000 | ZSI 6-2/FC | C.62 |
| 1814700000 | ZSI 6-2/FC LD | C.62 |
| 1814710000 | ZAP ZDU6-2 SW | C.131 |
| 1815070000 | ZT 2.5/2AN/1 | C.82 |
| 1815080000 | ZTPE 2.5/2AN/1 | C.86 |
| 1815090000 | ZT 2.5/3AN/1 | C.82 |
| 1815100000 | ZTPE 2.5/3AN/1 | C.86 |
| 1815110000 | ZT 2.5/4AN/2 | C.83 |
| 1815120000 | ZTPE 2.5/4AN/2 | C.87 |
| 1815130000 | ZT 2.5/4AN/4 | C.83 |
| 1815140000 | ZTPE 2.5/4AN/4 | C.87 |
| 1815150000 | ZDT 2.5/2 | C.90 |
| 1815160000 | ZDT 2.5/2 DU-PE | C.91 |
| 1815170000 | ZDT 2.5/2 PE | C.92 |
| 1815180000 | ZP 2.5/1AN/17 | C.96 |
| 1815190000 | ZP 2.5/1AN/QV/1 | C.97 |
| 1815200000 | ZP 2.5/1AN/QV/2 | C.97 |
| 1815210000 | ZP 2.5/1AN/QV/3 | C.97 |
| 1815220000 | ZP 2.5/1AN/QV/4 | C.97 |
| 1815230000 | ZP 2.5/1AN/QV/5 | C.97 |
| 1815240000 | ZP 2.5/1AN/QV/6 | C.97 |
| 1815250000 | ZP 2.5/1AN/QV/7 | C.97 |
| 1815260000 | ZP 2.5/1AN/QV/8 | C.97 |
| 1815270000 | ZP 2.5/1AN/QV/9 | C.97 |
| 1815280000 | ZP 2.5/1AN/QV/10 | C.97 |
| 1815290000 | ZP 2.5/1AN/QV/11 | C.97 |
| 1815300000 | ZP 2.5/1AN/QV/12 | C.97 |
| 1815310000 | ZP 2.5/1AN/QV/13 | C.97 |
| 1815320000 | ZP 2.5/1AN/QV/14 | C.97 |
| 1815330000 | ZP 2.5/1AN/QV/15 | C.97 |
| 1815340000 | ZP 2.5/1AN/QV/16 | C.97 |
| 1815350000 | ZP 2.5/1AN/QV/17 | C.97 |
| 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 | KOSF ZT2.5 | C.100 |
| 1818400000 | WS 10/6 MC Midd. Neutr. | F.28 |
| 1818410000 | WS 10/6 MC Midd. Sonder | F.29 |

## 1820000000

| Order No. | Type | Page |
|---|---|---|
| 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 |

## 1830000000

| Order No. | Type | Page |
|---|---|---|
| 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 | KLBUE 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 |

## 1840000000

| Order No. | Type | Page |
|---|---|---|
| 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/IH/DB WTL6/1 | B.23 |
| 1847760000 | STB 36.8/IH/GE WTL6/1 | D.73 |
| 1847770000 | STB 36.8/IH/GN WTL6/1 | D.73 |
| 1847780000 | STB 36.8/IH/VI WTL6/1 | D.71 |
| 1847790000 | STB 36.8/IH/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 |

## 1850000000

| Order No. | Type | Page |
|---|---|---|
| 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 ZP4 | 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 | KOSF ZT4 | D.102 |
| 1858920000 | Tintentank 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 |

## 1860000000

| Order No. | Type | Page |
|---|---|---|
| 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 | ZTTR 2.5 | C.93 |
| 1865520000 | ZAP/TW ZTTR2.5 | 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 2.5-2/2X2AN/G20/LD3 | C.59 |
| 1867440000 | ZSI 2.5-2/2X2AN/G20/LD1 | C.59 |
| 1867500000 | ZSI 6-2 2X2.5/G20/LD1 | C.61 |
| 1868880000 | SMSE WF10/2xM6 | D.150 |

## 1870000000

| Order No. | Type | Page |
|---|---|---|
| 1872720000 | WZAD 50N | D.12 |
| 1875150000 | ZP 2.5/1AN | C.98 |
| 1875180000 | ZP 2.5/1AN GN | C.98 |
| 1875190000 | ZP 2.5/1AN ZA | C.98 |
| 1875200000 | ZP 2.5/1AN ZA GN | C.98 |
| 1875210000 | ZP 2.5/1AN ZA O.RA | C.98 |
| 1875220000 | ZP 2.5/1AN ZA O.RA GN | C.98 |
| 1878560000 | BEST/D | D.178 |
| 1878570000 | BEST/DRBR | D.178 |
| 1878600000 | ZVLA DF ZPS2.5 | C.104 |
| 1878620000 | ZVR ZPS2.5 | C.100 |
| 1878660000 | WTA 4N WDK 2.5 | D.175 |
| 1879350000 | WTA 4N/ZA WDK 2.5 | D.175 |
| 1879730000 | ZSI 2.5-2/2X2AN/G20/LD4 | C.59 |
| 1879750000 | ZSI 6-2 2X2.5/G20/LD4 | C.61 |
| 1879910000 | WAP WTL6/3 | D.158 |

## 1880000000

| Order No. | Type | Page |
|---|---|---|
| 1880390000 | WSI 4/2/LD 140-250V AC/DC | D.32 |
| 1880410000 | WSI 4/2/LD 10-36V AC/DC | D.32 |
| 1880420000 | WSI 4/2/LD 60-150V AC/DC | D.32 |
| 1880430000 | WSI 4/2 | D.32 |
| 1880440000 | WSI 4/2/LD 30-70V AC/DC | D.32 |
| 1880450000 | WAP WSI4/2 | D.32 |
| 1881640000 | WAP WTL4/2 | D.72 |
| 1881650000 | WTL 4/2 STB | D.72 |
| 1882590000 | PDL 4/L/L | B.35 |
| 1882600000 | PDL 4/NT/L | B.33 |
| 1882610000 | PDL 4/L/L/PE | B.34 |
| 1882620000 | PDL 4/NT/L/PE | B.33 |
| 1882890000 | LM MT300 15X9 GE | D.126 |
| 1883210000 | PAP PDL4 | B.21 |
| 1886550000 | WSI 4/LD 140-250V AC/DC | D.33 |
| 1886560000 | WSI 4/LD 30-70V AC/DC | D.33 |
| 1886570000 | WSI 4/LD 60-150V AC/DC | D.33 |
| 1886580000 | WSI 4 | D.33 |
| 1886590000 | WSI 4/LD 10-36V AC/DC | D.33 |
| 1887210000 | WTL 6/4 FF | D.76 |
| 1887220000 | WTD 6/4 FF | D.76 |
| 1887240000 | WAP WTL6/4FF | D.76 |

## 1890000000

| Order No. | Type | Page |
|---|---|---|
| 1893940000 | FEKO ET ZRV2.5 0.2-0.35 | C.95 |
| 1893970000 | FEKO ET ZRV2.5 0.5-1 | C.95 |
| 1893990000 | FEKO ET ZRV2.5 1.5-2.5 | C.95 |
| 1895700000 | ZDKPE 2.5-2/N/L/PE | C.29 |
| 1896100000 | PHP PNT 6/10 | B.28 |
| 1896110000 | PDU 2.5/4 | B.4 |
| 1896120000 | PDU 2.5/4/3AN | B.4 |
| 1896130000 | PDU 2.5/4/4AN | B.5 |
| 1896140000 | PDU 6/10 | B.5 |
| 1896150000 | PDU 6/10/3AN | B.6 |
| 1896160000 | PPE 2.5/4/4AN | B.12 |
| 1896170000 | PPE 2.5/4 | B.11 |
| 1896180000 | PPE 6/10 | B.12 |
| 1896190000 | PPE 6/10/3AN | B.13 |
| 1896200000 | PPE 2.5/4/3AN | B.11 |
| 1896210000 | PPE 16 | B.14 |
| 1896220000 | PDU 16 BL | B.7 |

| Order No. | Type | Page |
|---|---|---|
| 1896230000 | PDU 2.5/4 BL | B.4 |
| 1896240000 | PDU 2.5/4/3AN BL | B.4 |
| 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 |
| 1896370000 | PNT 6/10 | B.28 |
| 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 O.R/SW ZRV2.5 | C.95 |
| 1898430000 | STGH O.ZA/O.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 O TNHE | B.21 |
| 1899220000 | PDL 4/TR/DU/PE O TNHE | B.21 |

## 1900000000

| | | |
|---|---|---|
| 1904960000 | WQL 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 | ZTTR 2.5 O.TNHE | C.93 |
| 1905490000 | M-PRINT PRO | F.41 |
| 1905500000 | M-PRINT PRO ADVANCED | F.41 |
| 1905950000 | WS 10/8 PLUS MC NE WS | F.29 |
| 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 O.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 |

## 1910000000

| | | |
|---|---|---|
| 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 SO | B.28 |
| 1917410000 | WS 10/6 MC MIDDLE OR | F.28 |
| 1917420000 | WS 10/6 MC MIDDLE GN | F.28 |
| 1917430000 | WS 10/6 MC MIDDLE GE | F.28 |
| 1917440000 | WS 10/6 MC MIDDLE RT | F.28 |
| 1918680000 | PDK 2.5/4V BL | B.8 |
| 1918710000 | PDK 2.5/4 PE | B.15 |
| 1918720000 | PDK 2.5/4L-PE | B.9 |
| 1918730000 | PDK 2.5/4V | B.8 |
| 1918740000 | PDK 2.5/4N-L | B.9 |
| 1918760000 | PDK 2.5/4 BL | B.8 |
| 1918770000 | PDK 2.5/4 | B.8 |
| 1918780000 | PEI 16 | B.7 |
| 1918790000 | PEI 16 BL | B.7 |
| 1919690000 | PHP PNT16 SO | B.29 |
| 1919710000 | PHP PNT 6/10 SO | B.28 |
| 1919720000 | PAP PDK 2.5/4 | B.8 |

## 1920000000

| | | |
|---|---|---|
| 1920640000 | PLOTTER PEN 0.25 P-INK | F.39 |
| 1920650000 | PLOTTER PEN 0.35 P-INK | F.39 |
| 1924310000 | MCP AP SF4-6 | F.39 |
| 1924320000 | MCP KLEBESTREIFEN | 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 LABLES | 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 ZDK 2.5/3AN | C.127 |
| 1925000000 | MCP PLUS | F.37 |
| 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 |

## 1930000000

| | | |
|---|---|---|
| 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 O TNHE | B.20 |
| 1933910000 | PTR 2.5/4 O TNHE | B.18 |
| 1933930000 | PTR 2.5/4/3AN BL | B.19 |
| 1933940000 | PTR 2.5/4/4AN | B.19 |
| 1933950000 | PTR 2.5/4 | B.18 |
| 1933970000 | PTR 2.5/4 BL | B.18 |
| 1933980000 | PTR 2.5/4/3AN | B.19 |
| 1933990000 | PTR 2.5/4/3AN O 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 | WTQ 6/1 EN | D.73 |
| 1934800000 | WTQ 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/TNSC/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 |
| 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

| | | |
|---|---|---|
| 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/LED | D.46 |
| 1966070000 | WSI 25/1 CC/LED | 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

| | | |
|---|---|---|
| 1972980000 | ZP 2.5/1AN ZA O.RA BL | C.98 |

## 2010000000

| | | |
|---|---|---|
| 2012420000 | STB 14/D6/4/M3 SAK10 | D.74 |

## 2260000000

| | | |
|---|---|---|
| 2269800000 | KLBUE 4-6 Z/1 | E.14 |

## 2310000000

| | | |
|---|---|---|
| 2318670000 | ZE ZRV2.5 | C.95 |

## 2320000000

| | | |
|---|---|---|
| 2321640000 | STGH ZPC2.5 DB | C.84 |

## 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 |
| 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 |

## 7910000000

| | | |
|---|---|---|
| 7910180000 | WTR 4 | D.55 |
| 7910190000 | WTR 4 BL | D.55 |
| 7910210000 | WTR 4 STB | D.55 |
| 7910220000 | WTR 4 STB BL | D.55 |
| 7910240000 | WTR 4 SI | D.50 |
| 7910270000 | WTR 4 SL | D.87 |
| 7910300000 | WTR 4 STB SL | D.87 |
| 7910330000 | WTR 4 SI SL | D.90 |
| 7910360000 | WTR4 SL/EN | D.89 |
| 7910380000 | WTR4 SL/EN SW | D.89 |
| 7910390000 | WTR4 SL/EN STB | D.89 |
| 7914370000 | WTR 4/SI LD 36V | D.50 |
| 7914380000 | WTR 4/SI LD 70V | D.50 |
| 7914390000 | WTR 4/SI LD 150V | D.50 |
| 7914400000 | WTR 4/SI LD 250V | D.50 |
| 7917000000 | AP MAK2.5 DB | D.96 |
| 7917030000 | MAK 2.5 DB | D.96 |

## 7920000000

| | | |
|---|---|---|
| 7920100000 | ZQV 35-10 | C.140 |
| 7920340000 | ZEW 15 | F.12 |
| 7920900000 | ZTR 2.5/4AN | C.67 |
| 7920930000 | ZTR 2.5/4AN BL | C.67 |
| 7920940000 | ZTR 2.5/4AN OR | C.67 |
| 7920950000 | ZTR 2.5/4AN/O.TNHE | C.67 |
| 7921560000 | SIHA 3/G20 | D.177 |
| 7921570000 | SIHA 3/G20/LD 10-36V | D.177 |
| 7921580000 | SIHA 3/G20/LD 35-70V | D.177 |
| 7921590000 | SIHA 3/G20/LD 60-150V | D.177 |
| 7921600000 | SIHA 3/G20/LD 140-250V | D.177 |

## 8010000000

| | | |
|---|---|---|
| 8010040000 | WDK 2.5 LD GR 1R 24VDC | D.120 |
| 8014670000 | WDK 2.5 2D 1.A | D.118 |

## 8020000000

| | | |
|---|---|---|
| 8023610000 | WDK 2.5 LD/GN 1R 24VDC | D.120 |
| 8023630000 | WDK 2.5 LD RT 24VDC -+ | D.120 |
| 8025610000 | WDK 2.5 1D | D.117 |

## 8160000000

| | | |
|---|---|---|
| 8161820000 | WDUL 4 | D.116 |

## 8630000000

| | | |
|---|---|---|
| 8630740000 | ZEW 35/2 | F.12 |

## 8670000000

| | | |
|---|---|---|
| 8670210000 | ZDU 4/4AN OR | C.153 |
| 8670420000 | ZDU 6/3AN OR | C.153 |
| 8670520000 | ZDK 4-2/D forward | C.126 |
| 8670620000 | ZAP/TW ZDK4-2 BL | C.126 |
| 8670750000 | ZDK 4-2 | C.30 |
| 8670760000 | ZAP/TW ZDK4-2 | C.126 |
| 8670850000 | ZDK 4-2 BL | C.30 |
| 8671050000 | ZDK 4-2 PE | C.51 |
| 8671080000 | ZDK 4-2 V | C.30 |
| 8671120000 | ZDK 4-2/DU-PE | C.31 |

## 8700000000

| | | |
|---|---|---|
| 8709760000 | ZDK 4-2 EL | C.126 |

## 8720000000

| | | |
|---|---|---|
| 8728450000 | ZTR 2.5/3AN/O.TNHE | C.66 |

## 8730000000

| | | |
|---|---|---|
| 8731640000 | WTR 2.5 BL | D.54 |
| 8731660000 | WTR 2.5 STB2.3 BL | D.54 |
| 8731670000 | WTR 2.5/O.TNHE STB2.3 | D.54 |
| 8731680000 | ZTR 2.5 OR | C.66 |
| 8731690000 | ZTR 2.5/3AN OR | C.66 |
| 8731700000 | WTR 2.5/O.TNHE | D.54 |
| 8731710000 | ZTR 2.5 BL | C.66 |
| 8731720000 | ZTR 2.5/3AN | C.66 |
| 8731730000 | ZTR 2.5/3AN BL | C.66 |

| Order No. | Type | Page |
|---|---|---|

## 8810000000

| | | |
|---|---|---|
| 8817920000 | ZTR 6-2 E / 24V DC | C.71 |
| 8817930000 | ZTR 6-2 E / 230V UC | C.71 |

## 8870000000

| | | |
|---|---|---|
| 8870840000 | SRC-I QV P | B.38 |

## 9000000000

| | | |
|---|---|---|
| 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.73 |
| 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 |
| 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 0,6x3,5x100 | 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 |

## 9010000000

| | | |
|---|---|---|
| 9010110000 | SD 0,6x3,5x200 | F.57 |
| 9011460000 | 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 |

## 9020000000

| | | |
|---|---|---|
| 9020000000 | STRIPAX PLUS 2.5 | F.49 |
| 9021010000 | H0,25/10T GE | F.70 |
| 9021020000 | H0,25/12T GE | F.70 |
| 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 | H2,5/15T 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 | H0,5/16 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 |
| 9028340000 | 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 |
| 9037370000 | H16,0/38 ZH GN | F.72 |
| 9037380000 | H0,5/14D ZH W | F.73 |
| 9037390000 | H0,5/16D ZH W | F.73 |
| 9037400000 | H0,5/18D ZH W | F.73 |
| 9037410000 | H0,75/14D ZH GR | F.73 |
| 9037420000 | H0,75/16D ZH GR | F.73 |
| 9037430000 | H0,75/24D ZH GR | F.73 |
| 9037440000 | H1,0/15D ZH R | F.73 |
| 9037450000 | H1,0/19D ZH R | F.73 |
| 9037460000 | H1,0/25D ZH R | F.73 |
| 9037470000 | H1,5/16D ZH SW | F.73 |
| 9037480000 | H1,5/20D ZH SW | F.73 |
| 9037490000 | H1,5/26D ZH SW | F.73 |
| 9037500000 | H2,5/19D ZH BL | F.72 |
| 9037510000 | H2,5/21D ZH BL | F.72 |
| 9037520000 | H2,5/27D ZH BL | F.72 |
| 9037530000 | H4,0/22D ZH GR | F.72 |
| 9037540000 | H4,0/28D ZH GR | F.72 |
| 9037550000 | H6,0/23D ZH GE | F.73 |
| 9037560000 | H6,0/29D ZH GE | F.73 |
| 9037570000 | H10,0/24D ZH R | F.73 |
| 9037580000 | H10,0/30D ZH R | F.73 |
| 9037590000 | H16,0/29D ZH BL | F.73 |
| 9037600000 | H16,0/38D ZH BL | F.73 |
| 9037610000 | H0,75/14T ZH HBL | F.74 |
| 9037620000 | H0,75/16T ZH HBL | F.74 |
| 9037630000 | H0,75/24T ZH HBL | F.74 |
| 9037640000 | H2,5/19T ZH GR | F.74 |
| 9037650000 | H2,5/21T ZH GR | F.74 |
| 9037660000 | H2,5/27T ZH GR | F.74 |
| 9037670000 | H4,0/22T ZH OR | F.74 |
| 9037680000 | H4,0/28T ZH OR | F.74 |
| 9037690000 | H6,0/23T ZH GN | F.74 |
| 9037700000 | H6,0/29T ZH GN | F.74 |
| 9037710000 | H10,0/24T ZH BR | F.74 |
| 9037720000 | H10,0/30T ZH BR | F.74 |
| 9037730000 | H16,0/29T ZH W | F.74 |
| 9037740000 | H16,0/38T ZH W | F.74 |

## 9050000000

| | | |
|---|---|---|
| 9050340000 | ERSATZMESSER STRIPAX PL | F.49 |

## 9200000000

| | | |
|---|---|---|
| 9200070000 | LIR 1,5M3 V | F.78 |
| 9200080000 | LIR 1,5M3,5 V | F.78 |
| 9200090000 | LIR 1,5M4 V | F.78 |
| 9200100000 | LIR 1,5M5 V | F.78 |
| 9200110000 | LIR 1,5M6 V | F.78 |
| 9200120000 | LIR 1,5M8 V | F.78 |
| 9200150000 | LIR 2,5M3 V | F.78 |
| 9200160000 | LIR 2,5M3,5 V | F.78 |
| 9200170000 | LIR 2,5M4 V | F.78 |
| 9200180000 | LIR 2,5M5 V | F.78 |
| 9200190000 | LIR 2,5M6 V | F.78 |
| 9200200000 | LIR 2,5M8 V | F.78 |
| 9200210000 | LIR 2,5M10 V | F.78 |
| 9200230000 | LIR 6M4 V | F.78 |
| 9200240000 | LIR 6M5 V | F.78 |
| 9200250000 | LIR 6M6 V | F.78 |
| 9200260000 | LIR 6M8 V | F.78 |
| 9200270000 | LIR 6M10 V | F.78 |
| 9200290000 | LIS 1,5M3 V | F.78 |
| 9200300000 | LIS 1,5M3,5 V | F.78 |
| 9200310000 | LIS 1,5M4 V | F.78 |
| 9200320000 | LIS 1,5M5 V | F.78 |
| 9200330000 | LIS 1,5M6 V | F.78 |
| 9200350000 | LIS 2,5M3 V | F.78 |
| 9200360000 | LIS 2,5M3,5 V | F.78 |
| 9200370000 | LIS 2,5M4 V | F.78 |
| 9200380000 | LIS 2,5M5 V | F.78 |
| 9200390000 | LIS 2,5M6 V | F.78 |
| 9200410000 | LIS 6M4 V | F.78 |
| 9200420000 | LIS 6M5 V | F.78 |
| 9200430000 | LIS 6M6 V | F.78 |
| 9200440000 | LIS 6M8 V | F.78 |
| 9200450000 | LIS 6M10 V | F.78 |
| 9200460000 | LIP 1,5R12 V | F.78 |
| 9200470000 | LIP 2,5R12 V | F.78 |
| 9200480000 | LIP 6R14 V | F.78 |
| 9200490000 | LIB 1,5B25 VF | F.79 |
| 9200500000 | LIB 2,5B25 VF | F.79 |
| 9200510000 | LIB 6B26 VF | F.79 |
| 9200520000 | LIF 1,5F288 R | F.79 |
| 9200530000 | LIF 1,5F488 R | F.79 |
| 9200540000 | LIF 1,5F638 R | F.79 |
| 9200550000 | LIF 2,5F488 R | F.79 |
| 9200560000 | LIF 2,5F638 R | F.79 |
| 9200570000 | LIF 6F638 R | F.79 |
| 9200580000 | LIF 1,5M638 R | F.79 |
| 9200590000 | LIF 2,5M638 R | F.79 |
| 9200600000 | LIF 6M638 R | F.79 |
| 9200610000 | LIF 1,5T638 R | F.79 |
| 9200620000 | LIF 2,5T638 R | F.79 |
| 9200630000 | LIF 6T638 R | F.79 |
| 9200640000 | LIF 1,5F638 RF | F.79 |
| 9200650000 | LIF 2,5F638 RF | F.79 |
| 9200660000 | LIF 6F638 RF | F.79 |

| Order No. | Type | Page |
|---|---|---|
| 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 |
| 9202060000 | KT 55 | F.46 |
| 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 |
| 9202880000 | H2,5/24 XS BL | F.75 |
| 9202900000 | H 0,5/16 S OR | F.76 |
| 9202910000 | H0,5/16 DS W | F.76 |
| 9203620000 | H 10,0/22 S EB | F.76 |
| 9203630000 | H 4,0/20 DS GR | F.76 |
| 9204090000 | H0,34/11 S TK | F.76 |
| 9204180000 | AMF 6/10 | F.47 |
| 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

| | | |
|---|---|---|
| 9426770000 | H2,5/14TS GR | F.76 |

## 9450000000

| | | |
|---|---|---|
| 9451000000 | H35,0/30S | F.77 |

## 9510000000

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

| | | |
|---|---|---|
| 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 |
| 9537510000 | WDU 4 SL/EN SW | D.88 |
| 9537550000 | SIHA 1/G20 | D.177 |
| 9537560000 | SIHA 1/G20 10-36V | D.177 |
| 9537680000 | SIHA STRAP | D.177 |
| 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

| | | |
|---|---|---|
| 9540000000 | ZEW 35 | F.12 |

## 9910000000

| | | |
|---|---|---|
| 9918130000 | CROSS-KEY UNIVERSAL | F.63 |
| 9918140000 | CROSS-KEY UNIVERSAL S | F.63 |
| 9918150000 | CROSS-KEY MASTER | F.63 |
| 9918370000 | DMS MANUELL 0,5-1,7 | F.61 |
| 9918380000 | DMS MANUELL 2,0-8,0 | F.61 |
| 9918390000 | DMSI MANUELL 0,5-1,7 | F.62 |
| 9918400000 | DMSI MANUELL 2,0-8,0 | F.62 |
| 9918410000 | WK SI 0,4x2,5 | F.62 |
| 9918420000 | WK SI 0,5x3,0 | F.62 |
| 9918430000 | WK SI 0,6x3,5 | F.62 |
| 9918440000 | WK SI 0,8x4,0 | F.62 |
| 9918450000 | WK SI 1,0x5,5 | F.62 |

| Order No. | Type | Page |
|---|---|---|
| 9918460000 | WK IK PH0 | F.62 |
| 9918470000 | WK IK PH1 | F.62 |
| 9918480000 | WK IK PH2 | F.62 |
| 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 |

# Addresses worldwide

**AE** **United Arab Emirates**
Weidmüller Middle East FZE
P.O. Box 8591
SAIF-Zone
Sharjah U. A. E.
Phone +971 6 5572723
Fax +971 6 5572724
wme.info@weidmueller.com

**AR** **Argentina**
CPI SA
Bauness 2660
1431 Buenos Aires
Phone +54 11 45238008
Fax +54 11 45220546
info@cpi.com.ar
www.cpi.com.ar

**AT** **Austria**
Weidmüller GmbH Austria
Straße 2, Industriezentrum Nö
Süd Straße 2b M59
2355 Wiener Neudorf
Phone +43 2236 6708-0
Fax +43 2236 6708-199
office.at@weidmueller.com

**AU** **Australia**
Weidmüller Pty. Ltd.
P.O.Box 6944
Huntingwood Drive 43
Huntingwood,
NSW, 2148
Phone +61 2 9671-9999
Fax +61 2 9671-9911
info@weidmuller.com.au
www.weidmuller.com.au

**AZ** **Azerbaijan**
West Industries Ltd.
Caspian Plaza, 5-th Floor
44 J. Jabbarly Str., Baku
Phone +99412 499 15 15
Fax +99412 499 14 93
sales@west-i.com

**BA** **Bosnia and Herzegovina**
BH ES ELEKTROSISTEM d.o.o.
Bul. Vojvode S.
Stepanovica kod br. 272
78000 BiH - Banja Luka
Phone +387 51 420-340
Fax +387 51 420-341
elsist@inecco.net
www.elektrosistem.ba

**BE** **Belgium**
Weidmüller Benelux B.V.
Mechelsesteenweg 519 bus 6 en 7
1930 Nossegem
Phone +32 2 752 4070
Fax +32 2 751 3606
info@weidmueller.be
www.weidmueller.be

**BG** **Bulgaria**
Weid-Bul EOOD
1756 Sofia
13, bul. „Kliment Ohridski"
Phone +359 2 9632560
Fax +359 2 9631098
sofia@weidbul.com
www.weidbul.com

**BH** **Bahrain**
Khayber Trading Company
P.O. Box 1976 Manama,
Phone +973 720747
Fax +973 720331
khayber@batelco.com.bh

**BR** **Brazil**
Weidmüller Conexel do Brasil
Conexões Elétricas Ltda.
Rua Garcia Lorca, 176
09695-900, Sao Paulo SP
Phone +55 11 43669600
Fax +55 11 43621677
vendas@conexel.com.br
www.conexel.com.br

**BY** **Belarus**
Technikon Ltd.
Nezavisimosti pr.177-9
Minsk 220125
Phone +375 17 3931177
Fax +375 17 3930080
wm@technikon.by

**CA** **Canada**
W Interconnections Canada Ltd.
10 Spy Court, Markham,
Ontario L3 R5 H6
Phone +1 905 475-1507
Fax +1 905 475-2798
info1@weidmuller.ca
www.weidmuller.ca

**CH** **Switzerland**
Weidmüller Schweiz AG
Rundbuckstraße 2
8212 Neuhausen am Rheinfall
Phone +41 52 6740707
Fax +41 52 6740708
info@weidmueller.ch
www.weidmueller.ch

**CL** **Chile**
Felipe Bahamondes S.A./ATS AGRO
Maria Luisa Santander 0475
Casilla 3425
Santiago
Phone +56 2 341-1271
Fax +56 2 341-1275
felipe@atsintech.com

**Chile**
CPI CHILE LTDA
Av. Presidente Frei Montalva 6001-47
Conchali - Region Metropolitana -
Santiago
cpi@cpichile.cl

**CN** **China**
Weidmüller Interface International
Trading (Shanghai) Co., Ltd.
25F, BM Intercontinental Business
Center,
100 Yutong Road,Shanghai 200070
P.R. China
Phone +86 21 22195008
Fax +86 21 22195009
www.cnweidmuller.com

**CO** **Colombia**
Automatización Avanzada S. A.
Carrera 97 No.24c, 23 B4
4 Bogotá D. C.
Phone +57 1 5478510
Fax +57 1 4223044
comercial@
automatizacionavanzada.com
www.automatizacionavanzada.com

**CR** **Costa Rica**
ELVATRON S.A.
la Uruca 400 Norte
Banco Costa Rica
San José Costa Rica
Phone +506 2 961060
Fax +506 5 200609
dirk.haase@elvatron.com
www.elvatron.com

**CZ** **Czech Republic**
Weidmüller s. r. o.
Lomnického 5/1705
14000 Praha 4
Phone +420 2 44001400
Fax +420 2 44001499
office@weidmueller.cz
www.weidmueller.cz

**DE** **Germany**
Weidmüller GmbH & Co. KG
P.O. Box 3054
32720 Detmold
Ohmstraße 9
32758 Detmold
Phone +49 5231 1428-0
Fax +49 5231 1428-116
weidmueller@weidmueller.de
www.weidmueller.de

**DK** **Denmark**
Wexøe A/S
Lejrvej 31
3500 Vaerloese
Phone +45 45465800
Fax +45 45465801
wexoe@wexoe.dk
www.wexoe.dk

**EC** **Ecuador**
Elsystec S. A. Electricidad
Sistemas y Tecnología
Vasco de Contreras N35-25
y Mañosca, Quito
Phone +593 2 2456510
Fax+593 2 2456755
Elsystec@uio.satnet.net

**EE** **Estonia**
Soots Interface OÜ
Pärnu mnt 142
11317 Tallinn
Phone +372 5296177
Fax +372 6096933
info@sootsinterface.ee
www.sootsinterface.ee

**EG** **Egypt**
Standard Electric (OMEGA)
87, Mohamed Farid Street
Heliopolis, Cairo
Phone +20 26422977
Fax +20 26422955
stdelec@rite.com

**ES** **Spain**
Weidmüller S. A.
Narcis Monturiol 11-13
Pol. Ind. Sudoeste
08960 Sant Just Desvern
Barcelona
Phone +34 93 4803386
Fax +34 93 3718055
weidmuller@weidmuller.es
www.weidmuller.es

**FI** **Finland**
JUHA-ELEKTRO OY
P. O. Box 57, 641 Helsinki
Kylvöpolku 6, 680 Helsinki
Phone +358 10 8328 100
Fax +358 10 8328 109
info@juha-elektro.fi
www.juha-elektro.fi

**FR** **France**
Weidmüller E. U. R. L.
12, Chaussée Jules César
B.P. 263 Osny
95523 Cergy Pontoise Cedex
Phone +33 1 34245500
Fax +33 1 34245501
mail@weidmuller.fr

**GB** **Great Britain**
Weidmüller Ltd
Klippon House
Centurion Court Office
Meridian East, Meridian Business Park
Leicester, LE19 1TP
Phone +44 1162 823470
Fax +44 1162 893582
marketing@weidmuller.co.uk
www.weidmuller.co.uk

**GR** **Greece**
Electrorama S.A.
1 An. Martali Str.
41335 Larissa
Phone +30 2410 552533188
Fax +30 2410 283463189
valvizos@electrorama.com.gr

**Greece**
GA Contact Solutions
11, Ippokratous Str.
14452 Metamorfosi Attika
Phone +30 210 2823233
Fax +30 210 2823233
gasaless@gmail.com

**HK** **Hong Kong**
Weidmuller (Hong Kong) Limited
Unit 1617, The Metropolis Tower,
No.10, Metropolis Drive, Hunghom,
Kowloon
Phone +852 31548082
Fax +852 31548099
info-hk@weidmueller.de
Hong Kong

**HR** **Croatia**
Elektro Partner d.o.o.
Slavonska Avenija 24/6
10000 Zagreb
Phone +385 1 6184793
Fax +385 1 6184795
elektropartner@zg.t-com.hr

**HU** **Hungary**
Weidmüller Kft
Gubacsi út 6
1097 Budapest
Phone +36 1 3827700
Fax +36 1 3827701
info@weidmueller.hu

**ID** **Indonesia**
PT. Nego Electrindo
Ruko Mega Grosir Cempaka Mas, Blok
I No 20 – 22
Jl. Let.Jend. Suprato –
Jakarta 10640
Phone +62 21 42882255
Fax +62 21 42882266
sales@negoelectrindo.co.id

**IE** **Ireland**
Please contact Weidmüller Ltd. in
Great Britain

**IL** **Israel**
A.U.Shay Ltd.
P.O. Box 10049
Embar Street 23/25
49222 Petah-Tikva
Phone +972 3 9233601
Fax +972 3 9234601

**Israel**
ATEKA Ltd.
23 Hayetzira
St. Kiryat Aryeh
49130 Petah-Tikva
Phone +972 3 9392344
Fax +972 3 9243273
marketing@ateka.co.il
www.ateka.co.il

**IN** **India**
Weidmuller Electronics India Pvt. Ltd
Plot # 32, 3rd Floor, North Court
Lane North Avenue, Opp Jogger's Park
Kalyani Nagar, Maharastra
411006 Pune
Phone +91 9049800960
Nitish.Rajan@weidmueller.de

**IR** **Iran**
Tamin Ehtiajat Fani Tehran (TAF Co.)
72, Iranshahr Ave.(Unit # 5)
15816 Tehran
Phone +98 21 8831-7851
Fax +98 21 8882-0268
tafco@safineh.net

**IS** **Iceland**
Samey Automation Center
Lyngas 13, 210 Garoabaer,
Phone +354 510 5200
Fax +354 510 5201
samey@samey.is

**IT** **Italy**
Weidmüller S.R.L.
Via Albert Einstein 4
20092 Cinisello Balsamo
Milano
Phone +39 02 660681
Fax +39 02 6124945
weidmuller@weidmuller.it
www.weidmuller.it

**JO** **Jordan**
HORIZONS
P.O.Box: 330607
Amman Jordan 11133
Phone +962 6 4882114
Fax +962 6 4882115
horizons@go.com.jo

**JP** **Japan**
Nihon Weidmüller Co. Ltd.
Sphere Tower Tennoz,
2-2-8 Higashi-Shinagawa,
Shinagawa-Ku, Tokyo 140-0002
Phone +81 3 6711-5300
Fax +81 3 6711-5333
www.weidmuller.co.jp

**KR** **Korea**
Weidmüller Korea Co., Ltd.
6floor, Sukyoung building, 242-54
Nonhyun-dong, Kangnam-Gu
Seoul, Korea
Zip: 135-830
Phone +82 2 5160003
Fax +82 2 5160090
info@weidmuller.co.kr

**KW** **Kuwait**
KANA CONTROLS General
Trading & Cont. CO. W.L.L.
Al Rai Industrial Area,
Plot 28-30, St. 31
P.O.Box: 25593
Safat, 13016
Phone +966-474 1373/4
Fax +966-474 1537
info@kanacontrols.com

Group companies DE
Agency abroad DE
Without own Agency DE

**LB Lebanon**
Progress Engineering & Trading Enterprises
Al Nahr Street
Beirut
Phone +961 1 444664
Fax +961 1 561880
progress@inco.com.lb

**LT Lithuania**
ELEKTROS IRANGA
Tinklu g.29a, 5319 Panevezys
Phone +370 45582828
Fax +370 45582727
info@eliranga.lt

**LU Luxembourg**
Please contact Weidmüller Benelux B.V. in the Netherlands

**LV Latvia**
SIA „ABI4"
Daugavgrivas str. 31b
1007 Riga
Phone +371 67470999
Fax +371 67465637
abi_4@tvnet.lv

**MD Moldova**
BERHORD A&D srl
44, srt. Sarmizegetusa 37/3
Off 414. b-dul Decebal, 3,
Chisinau, MD 2001
Phone +373 22 507137
Fax +373 22 507134
atiuleanu@berhord.com

**ME Montenegro**
Please contact
ES-YU Elektrosistem in Serbia

**MK Macedonia**
ELEKTRO – SMK dooel
UL. III Makedonska brigada b.b.
1000 Skopje
Phone +389 22 460 295
Fax +389 22 460 298
Elektro-smk@telekabel.net.mk

**MT Malta**
E. S. S., Electrical Supplies & Services Ltd
104 J. Sciberras Str.
Hamrun HMR 08
Phone +356 21 255 777
Fax +356 21 255 999
robert@ess.com.mt

**MU Mauritius**
MUBELO Electrical Ltd
Office 26, Gateway building,
St Jean Road, Quatre Bornes
Phone +230 467 0989
Fax +230 465 4051
richard.mubelo@orange.mu

**MX Mexico**
W Interconnections, S.A. DE C.V.
Blvd. Hermanos Serdán No. 698
Col. San Rafael Oriente
Puebla, C.P. 72029
Phone +52 222 22686227
clientes@weidmuller.com.mx

**MY Malaysia**
Connect Plus Technology Sdn Bhd
No. 43, Jalan PJS 11/22,
Bandar Sunway, 46150 Petaling Jaya
Selangor Darul Ehsan
Phone +60 3 5633 7363
Fax +60 3-5633 6562
paul@cptech.com.my
www.cptech.com.my

**NL Netherlands**
Weidmüller Benelux B.V.
Franciscusweg 221
1216 SE Hilversum
Postbus 1505
1200 BM Hilversum
Phone +31 35 6261261
Fax +31 35 6232044
info@weidmuller.nl

**NO Norway**
Siv. Ing. J. F. Knudtzen A/S
Billingstadsletta 97
P.O. Box 160
1378 Nesbru
Phone +47 66 983350
Fax +47 66 980955
firmapost@jfknudtzen.no
www.jfknudtzen.no

**NZ New Zealand**
Cuthbert S. Steward Limited
27 Te Puni Street
POB 38496
Petone, Wellington
Phone +64 4 5686156
Fax +64 4 5686056
info@weidmueller.de

**OM Oman**
DAN INTERNATIONAL LLC.
PO.BOX 2901
111 Seeb
Phone +968 503 677
Fax +968 503 755
yedu@danintl.com

**PE Peru**
IMGEPRO DEL PERU S.A.C.
ca. ortiz de Zevallos 105, esquina con vargas macucha, Miraflores,
Lima, Peru
Phone +511 447 5608
imgepro@gmail.com
www.imgepro.com.pe

**Peru**
J & W CIA. S.A.
Calle 6 Mz. D Lte. 23
Urb. Ind. Grimanesa
Callao 01
Phone +51 1 57 22539
Fax +51 1 57 20152
lespinoza@jwcia.com
www.jwcia.com

**PH Philippines**
Enclosure Systems Specialists Inc
Room 103 Narra Building
2276 Don Chino Roces Avenue
Makati City 1231
Phone +63 2 813 8580
Fax +63 2 813 8596
sales_encsys@pldtdsl.net

**PK Pakistan**
Kana Controls (Pak)
Apartment No. 33 C III
Chenab Block,
Allama Iqbal Town
Lahore, Pakistan
Phone +92 42 5419948
+92 42 7845160
Fax +92 42 5422895
nadeem@kanapak.com
www.kanapak.com

**PL Poland**
Weidmüller Sp. z o.o.
Ul. Goledzinowska 10
03-302 Warszawa
Phone +48 22 5100940
Fax +48 22 5100941
biuro@weidmuller.com.pl
www.weidmuller.pl

**PT Portugal**
Weidmüller Sistemas de Interface S. A.
Estrada Outeiro Polima, R. Augusto Dias da Silva, Lote B, Esct. 2
2785-515 Abóboda -São Domingos de Rana
Phone +351 21 4459191
Fax +351 21 4455871
www.weidmueller.pt

**QA Qatar**
Doha Motors Trading Co.
(Technical Division)
Post Box No. 145
Airport Road
Doha - Qatar
Phone +974 465 1441
Fax +974 465 0925
dmtctech@qatar.net.qa

**RO Romania**
Rominterface Impex SRL
Str. Gh. Dem Teodorescu 30 A
30916 Bucuresti - sector 3
Phone +40 21 3220230
Fax + 40 21 3228857
office@rominterface.ro

**RS Serbia**
ES-YU Elektrosistem
Pariske komune 41
11070 Novi Beograd, Serbia
Phone +381 11 3018660
Fax +381 11 2693608
esyu@eunet.rs
www.elektrosistem.co.rs

**RU Russia**
OOO Weidmüller
Warshavskoye highway, 25A, bld. 6
117105 Moscow
Phone +7 4 95 771-6940
Fax +7 4 95 771-6941
info@weidmueller.ru
www.weidmueller.ru

**SA Saudi Arabia**
Al Abdulkarim Holding Co.
P.O Box. 4
Dammam 31411
Phone +9668337110
Fax +9668338242
salehsk@akh.com.sa
www.akte.com.sa

Saudi Electric Supply Co.
P.O. Box 3298
Al Khobar 31952
Phone +966 3 882 9546227
Fax +966 3 882 9547
Safdar.malik@sesco-ge.com

**SE Sweden**
Weidmüller AB
Axel Daniessons väg 271
P.O. box 31025
200 49 Malmö
Phone +46 (0) 7 71 43 00 44
Fax +46 (0) 40 37 48 60
info@weidmuller.se
www.weidmuller.se

**SG Singapore**
Weidmuller Pte. Ltd.
70 Bendemeer Road
#04-03 Luzerne
Singapore 339940
Phone +65 6841 5311
Fax +65 6841 5377
info@weidmuller.com.sg
www.weidmuller.com.sg

**SI Slovenia**
Elektrospoji d.o.o.
Stegne 25, 1000 Ljubljana
Phone +386 15113810
Fax +386 15111604
info@elektrospoji.si
www.elektrospoji.si

**SK Slovakia**
ELEKTRIS s.r.o.
Elektrárenská 1
83104 Bratislava
Phone +421 2 49200113
Fax +421 2 49200119
bratislava@elektris.sk

**TH Thailand**
Pisanu Engineering Co., Ltd
800/43-45 Soi Trakulsuk
Asoke-dindaeng Road,
Dindaeng, Bangkok 10400
Phone +66 2 245 9113
Fax +66 2 6429220
jayasankar@pisanu.co.th
www.pisanu.co.th

**TN Tunisia**
Please contact
Weidmüller E.U.R.L. in France

**TR Turkey**
Weidmüller Elektronik Ticaret Ltd. Sirketi
Kavacik Mah. Orhan Veli Kanik
Caddesi 9/1
34810 Beykoz – Istanbul
Phone +90 216 5371070 (Pbx)
Fax +90 216 5371077
info@weidmuller.com.tr
www.weidmuller.com.tr

**TW Taiwan**
Fittatek Co., Ltd.
12F No. 185 Fu-Kuo Road,
Tso Ying Dist, Kaohsiung
Phone +886 7 556 0858
Fax +886 7 556 3279
stanley@fittatek.com.tw
www.fittatek.com.tw

**Taiwan**
Eucan Enterprise Ltd.
No. 145 He Ping 2nd Rd
Kaohsiung
Phone +886 7 715 6610
Fax +886 7 715 8748
mark@eucan.com.tw
www.eucan.com.tw

**UA Ukraine**
TEKO INTERFACE
Lomonosova str. 73g
03022 Kiev
Phone +38 044 3740640
Fax +38 044 3740642
weidmueller@tekointerface.com
www.tekointerface.com.ua

**US United States**
W-Interconnections Inc.
821 Southlake Boulevard,
Virginia - Richmond 23236
Phone +1 804 7942877
Fax +1 804 3792593
info@weidmuller.com
www.weidmuller.com

**UY Uruguay**
Rewo Uruguay S.A
Av. Bolivia 2001 Esq Rocafuerte
Carrasco Montevideo 11300
Phone / Fax +598 260 48439
clorda@rewouruguay.com.uy

**UZ Uzbekistan**
OOO "Elektro Potential"
Gani Mavljanova str., 2B
100084 Tashkent
Phone +998 98-3003821
Fax +998 71-1249286
mz1958@yandex.ru

**VE Venezuela**
Somerinca C.A.
Quinta Sagrado Corazon de Jesus - 3ra Transversal - Los Dos Caminos,
Caracas 1070 - A
Phone +58 212 2352748
Fax +58 212 2399341
klocmoeller@cantv.net
www.kmsomerinca.com.ve

**VN Vietnam**
AUMI Co., Ltd
E1, La Thanh Hotel,
218 Doi Can Street,
Lieu Giai Ward, Ba Dinh District,
Hanoi City
Phone +84 4762 8601
Fax +84 4266 1391
aumi@aumi.com.vn

Linh Kim Hai Co,. Ltd
78 Hoa Cuc Street Ward 7,
Phu Bhuan District,
Ho Chi Minh City
Phone +84 8517 1717
Fax +84 8517 1818
lkh@linhkimhai.com.vn

**ZA South Africa**
Phambili Interface (Pty) Ltd
P.O. Box 193, 1609 Johannesburg
5 Bundo Road, Sebenza
1610 Johannesburg, Endenvale
Phone +27 11 452 1930
Fax +27 11 452 6455
sales@weidmuller.co.za
www.radinterface.co.za

**DE Other countries**
Weidmüller Interface GmbH & Co. KG
Postfach 3030
32720 Detmold
Klingenbergstraße 16
32758 Detmold
Phone +49 5231 14-0
Fax +49 5231 14-292083
info@weidmueller.de
www.weidmueller.com

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

**Weidmüller – Partner in Industrial Connectivity.**

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
info@weidmueller.com
www.weidmueller.com

4 050118 072501

Order number: 1282250000/03/2012/SMDM