

#### General ordering data

|                  |                                                                                 |
|------------------|---------------------------------------------------------------------------------|
| Order No.        | 1037800000                                                                      |
| Part designation | WDU 4 GR                                                                        |
| Version          | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, grey, TS 35 |
| EAN              | 4008190455293                                                                   |
| Qty.             | 100 pc(s).                                                                      |

#### Product notes

|                      |                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Note, ordering data  | Rated voltage 400V when using cross-connection ZQVSee section "W-series accessories" for colours available.                       |
| Note, technical data | Note max. current of terminal (41 A) when using WQV!                                                                              |
| Product description  | Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular. |
| Function             |                                                                                                                                   |
| Note, accessories    | Socket and test plug, see section "W Series accessories". Shielding rail LS 2.8 1056400000.                                       |

#### PT OKIECEEx/ATEX rating data

|                                      |                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------|
| EU-type examination certificate      | KEMA98ATEX1683U                                                                                   |
| Download, German                     | KEMA98ATEX1683U_d.pdf                                                                             |
| Download English                     | KEMA98ATEX1683U_e.pdf                                                                             |
| IECEEx Certificate of Conformity     | IECEXULD05.0008U                                                                                  |
| Download                             | IECEXULD05.0008U_e.pdf                                                                            |
| ATEX voltage                         | 690 V                                                                                             |
| ATEX current                         | 28 A                                                                                              |
| ATEX conductor cross-section         | 4 mm <sup>2</sup>                                                                                 |
| IECEEx voltage                       | 690 V                                                                                             |
| IECEEx current                       | 28 A                                                                                              |
| IECEEx conductor cross-section       | 4 mm <sup>2</sup>                                                                                 |
| Voltage when using cross-connections | CrossConnectionGuide.pdf                                                                          |
| Operating temperature range          | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
| Marking EN 60079-7                   | Ex e II                                                                                           |
| Marking ATEX Directive 94/9/EC       | Ex II 2 G D                                                                                       |

#### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

|                                              |                     |
|----------------------------------------------|---------------------|
| Solid, min.                                  | 0.5 mm <sup>2</sup> |
| Solid, max.                                  | 2.5 mm <sup>2</sup> |
| Flexible, min.                               | 0.5 mm <sup>2</sup> |
| Flexible, max.                               | 1.5 mm <sup>2</sup> |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 1.5 mm <sup>2</sup> |

#### Additional technical data

|                               |         |
|-------------------------------|---------|
| Colour of insulating material | grey    |
| Connection direction          | on side |
| End plate required            | Yes     |

#### Additional technical data

|                                                  |                       |
|--------------------------------------------------|-----------------------|
| Explosion-tested version "Ex e"                  | Yes                   |
| Installation advice                              | TS 35                 |
| Insulating material                              | Wemid                 |
| Levels cross-connected internally                | No                    |
| No. of identical terminals                       | 1                     |
| No. of levels                                    | 1                     |
| No. of terminal strips per level                 | 2                     |
| Open sides                                       | right                 |
| Operating temperature range                      | - 50 °C, + 130 °C     |
| Product family                                   | W-Series              |
| Type of connection                               | Screwed               |
| Type of mounting                                 | Snap-on               |
| UL 94 flammability rating of insulation material | V-0                   |
| Version                                          | Feed-through terminal |

#### CSA rating data

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 600 V  |
| CSA current              | 35 A   |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 10 |

#### Conductors for clamping (rated connection)

|                                                              |                      |
|--------------------------------------------------------------|----------------------|
| Clamping range, min.                                         | 0.13 mm <sup>2</sup> |
| Clamping range, max.                                         | 6 mm <sup>2</sup>    |
| Type of connection                                           | Screw connection     |
| 2nd type of connection                                       | screwed              |
| Connection direction                                         | on side              |
| No. of connections                                           | 2                    |
| Stripping length                                             | 10 mm                |
| Clamping screw                                               | M 3                  |
| Blade size                                                   | 0.6 x 3.5 mm         |
| Tightening torque range                                      | 0.5...1.0 Nm         |
| Torque level with DMS electric screwdriver                   | 2                    |
| Gauge to IEC 60947-1                                         | A4                   |
| Solid, min.                                                  | 0.5 mm <sup>2</sup>  |
| Solid, max.                                                  | 6 mm <sup>2</sup>    |
| Stranded, min.                                               | 1.5 mm <sup>2</sup>  |
| Stranded, max.                                               | 6 mm <sup>2</sup>    |
| Flexible, min.                                               | 0.5 mm <sup>2</sup>  |
| Flexible, max.                                               | 6 mm <sup>2</sup>    |
| Flexible with ferrule, min. (DIN 46228/1)                    | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1)                    | 4 mm <sup>2</sup>    |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm <sup>2</sup>  |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 4 mm <sup>2</sup>    |
| Twin wire-end ferrule, min.                                  | 0.5 mm <sup>2</sup>  |
| Twin wire end ferrule, max.                                  | 2.5 mm <sup>2</sup>  |
| AWG conductor size, min.                                     | AWG 26               |
| AWG conductor size, max.                                     | AWG 10               |
| AWG conductor size, min.                                     | 0.13 mm <sup>2</sup> |

#### Conductors for clamping (rated connection)

AWG conductor size, max. 5.26 mm<sup>2</sup>

#### Dimensions

Width 6.1 mm  
 Height of lowest version 47 mm  
 Length 60 mm  
 Weight 10.4 g  
 TS 35 offset 32 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver 2

#### Rating data

Rated cross-section 4 mm<sup>2</sup>  
 Rated voltage 800 V  
 Rated impulse voltage 8 kV  
 Rated current 32 A  
 Standards IEC 60947-7-1  
 Current with max. conductor 41 A  
 Pollution severity 3

#### UL rating data

Voltage (UL) 600 V  
 Current (UL) 35 A  
 Min. cross-section (UL) AWG 22  
 Max. cross-section (UL) AWG 10

#### Approvals

Approvals institutes



#### Classifications

eClass 4.1 27-14-11-20  
 eClass 5.0 27-14-11-20  
 eClass 5.1 27-14-11-20

#### Similar products

| Order No.  | Part designation | Version                                                                               |
|------------|------------------|---------------------------------------------------------------------------------------|
| 1020100000 | WDU 4            | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1020180000 | WDU 4 BL         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35       |
| 1037810000 | WDU 4 BR         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, brown, TS 35      |
| 1020120000 | WDU 4 GE         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, yellow, TS 35     |
| 1020160000 | WDU 4 GN         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35      |
| 1036760000 | WDU 4 OR         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Polyamide, Orange, TS 35 |
| 1020140000 | WDU 4 RT         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, red, TS 35        |
| 1020110000 | WDU 4 SW         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35      |
| 1036700000 | WDU 4 WS         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, white, TS 35      |
| 1021000000 | WDU 4/10         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1020900000 | WDU 4/10/BEZ     | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1905140000 | WDU 4/ZR         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1905060000 | WDU 4/ZZ         | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |