


**General ordering data**

|                  |   |
|------------------|---|
| Order No.        | 1577260000  |
| Part designation | WDU 1.5/BLA   |
| Version          | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190080013   |
| Qty.             | 100 pc(s).  |

**Product notes**

|                      |   |
|----------------------|---|
| Note, ordering data  | Conductor 2.5 mm <sup>2</sup> with wire end ferrule (WEF) only with diameter optimised WEF (Order No. 1333100000, Qty. 500) |
| Note, technical data | Size with the BLA socket block: length 57.5mm / Height 55.5 mm. Max. current only up to 20°C ambient temperature            |
| Note, accessories    | Für Direktmontage sind beidseitig die WBB mit Zapfen Best. Nr. 1068260000 verwendbar.                                       |

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

|  |                     |
|--|---------------------|
| Solid, min.                                  | 0.5 mm <sup>2</sup> |
| Solid, max.                                  | 1.5 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     | dark beige |
| Connection direction              | on side    |
| End plate required                | Yes        |
| Explosion-tested version "Ex e"   | No         |
| Installation advice               | TS 35      |
| Insulating material               | Wemid      |
| Levels cross-connected internally | No         |

**Additional technical data**

|  |                       |
|--|-----------------------|
| No. of identical terminals                       | 1                     |
| No. of levels                                    | 1                     |
| No. of terminal strips per level                 | 3                     |
| Open sides                                       | right                 |
| Operating temperature range                      | - 50 °C, + 120 °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)            | 300 V  |
| CSA current              | 10 A   |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 12 |

**Conductors for clamping (additional connection)**

|  |                     |
|--|---------------------|
| Stripping length (B1)                        | 7 mm                |
| Clamping screw                               | M 2.5               |
| Blade size                                   | 0.6 x 3.5 mm        |
| Tightening torque range                      | 0.4...0.6 Nm        |
| Solid, min.                                  | 0.5 mm <sup>2</sup> |
| Solid, max.                                  | 2.5 mm <sup>2</sup> |
| Stranded, min.                               | 1.5 mm <sup>2</sup> |
| Stranded, max.                               | 1.5 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> |

**Conductors for clamping (rated connection)**

|  |                      |
|--|----------------------|
| Clamping range, min.                       | 0.13 mm <sup>2</sup> |
| Clamping range, max.                       | 4 mm <sup>2</sup>    |
| Type of connection                         | Screw connection     |
| 2nd type of connection                     | plugged              |
| Connection direction                       | on side              |
| No. of connections                         | 1                    |
| Stripping length                           | 10 mm                |
| Clamping screw                             | M 2.5                |
| Blade size                                 | 0.6 x 3.5 mm         |
| Tightening torque range                    | 0.4...0.6 Nm         |
| Torque level with DMS electric screwdriver | 1                    |
| Gauge to IEC 60947-1                       | A3                   |
| Solid, min.                                | 0.5 mm <sup>2</sup>  |
| Solid, max.                                | 4 mm <sup>2</sup>    |
| Stranded, min.                             | 1.5 mm <sup>2</sup>  |
| Stranded, max.                             | 4 mm <sup>2</sup>    |
| Flexible, min.                             | 0.5 mm <sup>2</sup>  |
| Flexible, max.                             | 4 mm <sup>2</sup>    |

**Conductors for clamping (rated connection)**

|  |                      |
|--|----------------------|
| Flexible with ferrule, min. (DIN 46228/1)                    | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1)                    | 2.5 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) | 2.5 mm <sup>2</sup>  |
| AWG conductor size, min.                                     | AWG 26               |
| AWG conductor size, max.                                     | AWG 12               |
| AWG conductor size, min.                                     | 0.13 mm <sup>2</sup> |
| AWG conductor size, max.                                     | 3.31 mm <sup>2</sup> |

**Dimensions**

|                          |         |
|--------------------------|---------|
| Width                    | 5.08 mm |
| Height of lowest version | 37.5 mm |
| Length                   | 49 mm   |
| Weight                   | 5.6 g   |
| TS 35 offset             | 24.5 mm |

**Disconnect terminals**

|  |   |
|--|---|
| Torque level with DMS electric screwdriver | 1 |
|--|---|

**Rating data**

|                             |                           |
|-----------------------------|---------------------------|
| Rated cross-section         | 1.5 mm <sup>2</sup>       |
| Rated voltage               | 250 V                     |
| Rated impulse voltage       | 4 kV                      |
| Rated current               | 16 A                      |
| Standards                   | IEC 60947-7-1 / IEC 61984 |
| Current with max. conductor | 16 A                      |
| Pollution severity          | 3                         |

**UL rating data**

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 20 A   |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 16 |

**Approvals**

Approvals institutes

**Classifications**

|            |             |
|------------|-------------|
| ETIM 2.0   | EC000897    |
| ETIM 3.0   | EC000897    |
| 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   |
|------------|-------------------------|---|
| 1038100000 | WDK 2.5 BLA/5.08/ZA     | Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1034400000 | WDK 2.5/BLZ/5.08/ZA     | Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1038500000 | WDK 2.5 BLZ/7.62/ZA     | Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1577340000 | WDU 1.5/BLZ 5.08        | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1577350000 | WDU 1.5/BLZ/LD 5.08 12V | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1577370000 | WDU 1.5/BLZ/LD 5.08 48V | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1577390000 | WDU 1.5/BLZ/R 5.08      | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35       |
| 1784460000 | WDU 1.5/ZQV/BLZ 5.08    | Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1038900000 | WDU 2.5/BLZ/7.62        | Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, beige, TS 35      |
| 1021100000 | WDU 4 SA                | Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35   |