

#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 1039900000   |
| Part designation | WTR 2.5/ZZ   |
| Version          | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190912468  |

#### Product notes

|                     |  |
|---------------------|--|
| Note, ordering data | 2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)          |
| Product description | Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out. |

#### 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                        |
| No. of identical terminals                       | 1                         |
| No. of levels                                    | 1                         |
| No. of terminal strips per level                 | 4                         |
| 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  | Test-disconnect terminals |

#### 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)

|  |                     |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 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                                       | screwed              |
| Connection direction   | on side              |
| No. of connections   | 4                    |
| Stripping length   | 7 mm                 |
| Clamping screw   | M 3                  |
| Blade size   | 0.6 x 3.5 mm         |
| Tightening torque range                                      | 0.5...0.6 Nm         |
| Torque level with DMS electric screwdriver                   | 2                    |
| 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>    |
| 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.                                     | 4 mm <sup>2</sup>    |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 5.1 mm  |
| Height of lowest version | 49 mm   |
| Length                   | 60 mm   |
| Weight                   | 45.13 g |
| TS 35 offset             | 32 mm   |

#### Disconnect terminals

|  |         |
|--|---------|
| Cross-disconnect                           | without |
| Integral test socket                       | Yes     |
| Slitting                                   | without |
| Torque level with DMS electric screwdriver | 2       |

#### Rating data

|                       |                     |
|-----------------------|---------------------|
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated voltage         | 400 V               |
| Rated impulse voltage | 6 kV                |

#### Rating data

|                             |               |
|-----------------------------|---------------|
| Rated current               | 14 A          |
| Standards                   | IEC 60947-7-1 |
| Current with max. conductor | 14 A          |
| Pollution severity          | 3             |

#### UL rating data

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 10 A   |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 12 |

#### Approvals

Approvals institutes



#### Classifications

|            |             |
|------------|-------------|
| eClass 4.1 | 27-14-11-17 |
| eClass 5.0 | 27-14-11-26 |
| eClass 5.1 | 27-14-11-26 |

#### Similar products

| Order No.  | Part designation        | Version   |
|------------|-------------------------|---|
| 1011100000 | WTR 2.5                 | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1855610000 | WTR 2.5                 | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, beige, TS 35           |
| 8731640000 | WTR 2.5 BL              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue/light blue, TS 35 |
| 1961750000 | WTR 2.5 D+ 2STB 6.9/2.3 |   |
| 1964810000 | WTR 2.5 D- 2STB 6.9/2.3 |   |
| 1011120000 | WTR 2.5 GE              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, yellow, TS 35          |
| 1011130000 | WTR 2.5 GN              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35           |
| 1011150000 | WTR 2.5 GR              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, grey, TS 35            |
| 1011160000 | WTR 2.5 OR              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, Orange, TS 35      |
| 1878530000 | WTR 2.5 OR              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, Orange, TS 35          |
| 1011140000 | WTR 2.5 RT              | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, red, TS 35         |
| 1950680000 | WTR 2.5 RT              |   |
| 1013000000 | WTR 2.5 STB2.0          | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |

|            |                       |   |
|------------|-----------------------|---|
| 1011200000 | WTR 2.5 STB2.3        | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1855620000 | WTR 2.5 STB2.3        | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1011210000 | WTR 2.5 STB2.3 SW     | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, black, TS 35       |
| 1011190000 | WTR 2.5 WS            | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, white, TS 35           |
| 1013300000 | WTR 2.5/D- STB2.3     | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1013700000 | WTR 2.5/D/DRBR        | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1012900000 | WTR 2.5/D/O.TNHE      | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 8731700000 | WTR 2.5/O.TNHE        | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, beige, TS 35           |
| 8731670000 | WTR 2.5/O.TNHE STB2.3 | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1012800000 | TR 2.5/O.TNHE STB2.3  | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35      |
| 1039980000 | WTR 2.5/ZZ BL         | Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue/light blue, TS 35 |