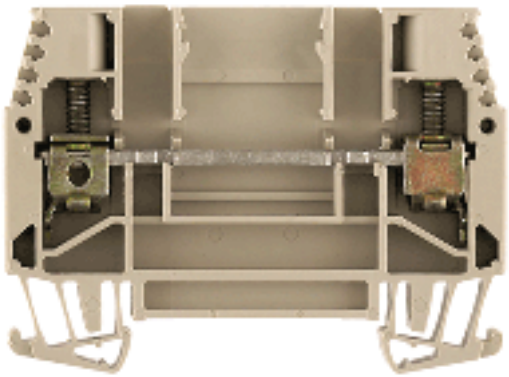




| General ordering data | |
|---|---|
| Order No. | 1017100000 |
| Part designation | WTD 6/1 |
| Version | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 35 |
| EAN | 4008190021948 |
| Qty. | 50 pc(s). |

| Product notes | |
|---|---|
| Note, ordering data | TS32 version on request |
| Note, technical data | Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm. |
| Product description | Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised. |
| Function | without socket |

| 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection) | |
|---|---|
| Solid, min. | 0.5 mm² |
| Solid, max. | 2.5 mm² |
| Flexible, min. | 0.5 mm² |
| Flexible, max. | 2.5 mm² |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm² |

| 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 | 2 |
| 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 | 45 A |
| Min. cross-section (CSA) | AWG 20 |
| Max. cross-section (CSA) | AWG 8 |

| Conductors for clamping (additional connection) | |
|---|---|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 6 mm² |

| Conductors for clamping (rated connection) | |
|---|---|
| Clamping range, min. | 0.5 mm² |
| Clamping range, max. | 10 mm² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 2 |
| Stripping length | 12 mm |
| Clamping screw | M 3.5 |
| Blade size | 4.0 x 0.8 mm |
| Tightening torque range | 0.8...1.6 Nm |
| Torque level with DMS electric screwdriver | 3 |
| Gauge to IEC 60947-1 | A5 |
| Solid, min. | 0.5 mm² |
| Solid, max. | 10 mm² |
| Stranded, min. | 1.5 mm² |
| Stranded, max. | 10 mm² |
| Flexible, min. | 0.5 mm² |
| Flexible, max. | 10 mm² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm² |
| Flexible with ferrule, max. (DIN 46228/1) | 6 mm² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 6 mm² |
| AWG conductor size, min. | AWG 20 |
| AWG conductor size, max. | AWG 8 |
| AWG conductor size, min. | 0.52 mm² |
| AWG conductor size, max. | 8.37 mm² |

## Conductors for clamping (rated connection)

| Dimensions | |
|---|---|
| Width | 7.9 mm |
| Height of lowest version | 48.5 mm |
| Length | 65 mm |
| TS 35 offset | 32.5 mm |

| Disconnect terminals | |
|---|---|
| Cross-disconnect | without |
| Integral test socket | No |
| Slitting | without |
| Torque level with DMS electric screwdriver | 3 |

| Rating data | |
|---|---|
| Rated cross-section | 6 mm² |
| Rated voltage | 630 V |
| Rated impulse voltage | 6 kV |
| Rated current | 41 A |
| Standards | IEC 60947-7-1 |
| Current with max. conductor | 57 A |
| Pollution severity | 3 |

| UL rating data | |
|---|---|
| Voltage (UL) | 300 V |
| Current (UL) | 45 A |
| Min. cross-section (UL) | AWG 20 |
| Max. cross-section (UL) | AWG 8 |

### Approvals

Approvals institutes

### Classifications

| | |
|---|---|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000902 |
| eClass 4.1 | 27-14-11-26 |
| eClass 5.0 | 27-14-11-26 |
| eClass 5.1 | 27-14-11-26 |

### Similar products

| Order No. | Part designation | Version |
|---|---|---|
| 1631780000 | WTD 6/1 BL | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 35 |

| | | |
|---|---|---|
| 1934830000 | WTD 6/1 EN | |
| 1631760000 | WTD 6/1 GE | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 35 |
| 1017120000 | WTD 6/1 GR | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 35 |
| 1631750000 | WTD 6/1 RT | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 35 |
| 1631770000 | WTD 6/1 SW | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 35 |
| 1017200000 | WTD 6/1/32 | Disconnect and modular disconnect terminal, 6 mm², Screw connection, Wemid, dark beige, TS 32 |

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