



General ordering data

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|------------------|--|
| Order No. | 1016400000 |
| Part designation | WPE 2.5/1.5/ZR |
| Version | Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| EAN | 4008190054021 |
| Qty. | 100 pc(s). |

Product notes

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|----------------------|---|
| Note, technical data | 2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs) |
| Product description | Identical form for 2.5-10 mm ² enables the use of common end and partition plates. An unsurpassed combination of many advantages! |
| Note, accessories | Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs) |

PT OKIECEX/ATEX rating data

| | |
|--------------------------------------|---|
| EU-type examination certificate | KEMA98ATEX1685U |
| Download, German | KEMA98ATEX1685U_d.pdf |
| Download English | KEMA98ATEX1685U_e.pdf |
| IECEX Certificate of Conformity | IECEXULD05.0008U |
| Download | IECEXULD05.0008U_e.pdf |
| ATEX conductor cross-section | 2.5 mm ² |
| IECEX conductor cross-section | 2.5 mm ² |
| 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 |

Additional technical data

| | |
|-------------------------------|--------------|
| Colour of insulating material | green/yellow |
| Connection direction | on side |

Additional technical data

| | |
|--|-------------------|
| End plate required | Yes |
| 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 | 3 |
| Open sides | right |
| Operating temperature range | - 50 °C, + 120 °C |
| Product family | W-Series |
| Type of connection | Screwed |
| Type of mounting | Screwed |
| UL 94 flammability rating of insulation material | V-0 |
| Version | PE terminal |

CSA rating data

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

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Clamping range, min. | 0.05 mm ² |
| Clamping range, max. | 4 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| 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 ² |
| Solid, max. | 4 mm ² |
| Stranded, min. | 1.5 mm ² |

Conductors for clamping (rated connection)

| | |
|--|----------------------|
| Stranded, max. | 4 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 4 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 2.5 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm ² |
| AWG conductor size, min. | AWG 26 |
| AWG conductor size, max. | AWG 12 |
| AWG conductor size, min. | 0.13 mm ² |
| AWG conductor size, max. | 3.31 mm ² |

Dimensions

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|--------------------------|--------|
| Width | 5.1 mm |
| Height of lowest version | 47 mm |
| Length | 60 mm |
| TS 35 offset | 32 mm |

Disconnect terminals

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

PE rating data

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|--|------------------------------|
| Centre screw on PE terminals | M 2.5 |
| PEN function | No |
| Pollution severity | 3 |
| Rated cross-section | 2.5 mm ² |
| Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Rated short-time current | 300 A (2.5 mm ²) |
| Rated voltage for adjacent terminal | 800 V |
| Standards | IEC 60947-7-2 |
| Tightening torque range for fixing screw | 0.4...0.6 Nm |
| Torque level with DMS electric screwdriver | 1 |

UL rating data

| | |
|-------------------------|--------|
| Min. cross-section (UL) | AWG 30 |
| Max. cross-section (UL) | AWG 12 |

Approvals

Approvals institutes



Downloads

STEP 1016400000_18879_WPE_2.5-1.5-ZR_STP.stp

Classifications

| | |
|------------|-------------|
| eClass 4.1 | 27-14-03-05 |
| eClass 5.0 | 27-14-03-05 |
| eClass 5.1 | 27-14-03-05 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|--|
| 1016500000 | WPE 1.5/ZZ | Earth terminal, 1.5 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1036300000 | WDK 2.5PE | Earth terminal, 2.5 mm ² , Screw connection, Wemid, green, TS 35 |
| 1010000000 | WPE 2.5 | Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1010100000 | WPE 4 | Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1905130000 | WPE 4/ZZ | Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1905120000 | WPE 4/ZR | Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1010200000 | WPE 6 | Earth terminal, 6 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1010300000 | WPE 10 | Earth terminal, 10 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1042500000 | WPE 10/ZR | Earth terminal, 10 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1010400000 | WPE 16 | Earth terminal, 16 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1010500000 | WPE 35 | Earth terminal, 35 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1037300000 | WPE 70/95 | Earth terminal, 95 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1019700000 | WPE 120/150 | Earth terminal, 120 mm ² , Screw connection, Wemid, green/yellow, TS 35 |