



General ordering data

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| Order No. | 1010200000 |
| Part designation | WPE 6 |
| Version | Earth terminal, 6 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| EAN | 4008190090098 |
| Qty. | 50 pc(s). |

Product notes

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| Note, technical data | Conductor connection H07V-..10 and AWG 8 tighten with 1.4-1.6 Nm. |
| Product description | Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular. |
| Note, accessories | Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs) |

PT OKIECEX/ATEX rating data

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|--------------------------------------|---|
| EU-type examination certificate | KEMA98ATEX1683U |
| Download, German | KEMA98ATEX1683U_d.pdf |
| Download English | KEMA98ATEX1683U_e.pdf |
| IECEX Certificate of Conformity | IECEXULD05.0008U |
| Download | IECEXULD05.0008U_e.pdf |
| ATEX conductor cross-section | 6 mm ² |
| IECEX conductor cross-section | 6 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

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| Colour of insulating material | green/yellow |
| Connection direction | on side |
| End plate required | No |

Additional technical data

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|--|-------------------|
| 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 | closed |
| 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

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

Conductors for clamping (rated connection)

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|--|----------------------|
| Clamping range, min. | 0.08 mm ² |
| Clamping range, max. | 10 mm ² |
| 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 |
| Gauge to IEC 60947-1 | A5 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 10 mm ² |
| Stranded, min. | 1.5 mm ² |
| Stranded, max. | 10 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 10 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 6 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) | 6 mm ² |
| AWG conductor size, min. | AWG 26 |
| AWG conductor size, max. | AWG 8 |
| AWG conductor size, min. | 0.13 mm ² |
| AWG conductor size, max. | 8.37 mm ² |

Dimensions

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| Width | 7.9 mm |
| Height of lowest version | 47 mm |

Dimensions

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|--------------|-------|
| Length | 56 mm |
| TS 35 offset | 28 mm |

PE rating data

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| Centre screw on PE terminals | M 3 |
| PEN function | No |
| Pollution severity | 3 |
| Rated cross-section | 6 mm ² |
| Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Rated short-time current | 720 A (6 mm ²) |
| Rated voltage for adjacent terminal | 800 V |
| Standards | IEC 60947-7-2 |
| Tightening torque range for fixing screw | 0.5...1.0 Nm |

UL rating data

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|-------------------------|--------|
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 8 |

Approvals

Approvals institutes



Downloads

| | |
|------|--------------------------------|
| STEP | 1010200000_09235_WPE_6_STP.stp |
|------|--------------------------------|

Classifications

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| 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 |
|-----------|------------------|---------|
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|------------|----------------|--|
| 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 |
| 1016400000 | WPE 2.5/1.5/ZR | 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 |
| 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 |