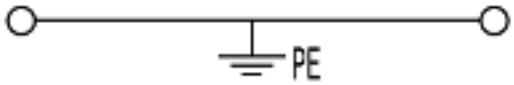


| General ordering data | |
|---|---|
| Order No. | 1010400000 |
| Part designation | WPE 16 |
| Version | Earth terminal, 16 mm², Screw connection, Wemid, green/yellow, TS 35 |
| EAN | 4008190126674 |
| Qty. | 50 pc(s). |

| Product notes | |
|---|---|
| Note, technical data | For 25mm², the TS 35x15 (steel, 1.5mm thick) should be used. Conductor connection H07V-..16 and AWG 6 with tightening torque of 2.0-2.4 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 | |
|---|---|
| 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 | 16 mm² |
| IECEx conductor cross-section | 16 mm² |
| 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 | No |
| 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 | |
|---|---|
| Min. cross-section (CSA) | AWG 14 |
| Max. cross-section (CSA) | AWG 6 |

| Conductors for clamping (rated connection) | |
|---|---|
| Clamping range, min. | 1.5 mm² |
| Clamping range, max. | 25 mm² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 2 |
| Stripping length | 16 mm |
| Clamping screw | M 5 |
| Blade size | 1.0 x 5.5 mm |
| Tightening torque range | 3.0...4.0 Nm |
| Gauge to IEC 60947-1 | B7 |
| Solid, min. | 1.5 mm² |
| Solid, max. | 16 mm² |
| Stranded, min. | 1.5 mm² |
| Stranded, max. | 25 mm² |
| Flexible, min. | 1.5 mm² |
| Flexible, max. | 25 mm² |
| Flexible with ferrule, min. (DIN 46228/1) | 1.5 mm² |
| Flexible with ferrule, max. (DIN 46228/1) | 16 mm² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 1.5 mm² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 16 mm² |
| AWG conductor size, min. | AWG 14 |
| AWG conductor size, max. | AWG 6 |
| AWG conductor size, min. | 2.08 mm² |
| AWG conductor size, max. | 13.3 mm² |

| Dimensions | |
|---|---|
| Width | 11.9 mm |

| Dimensions | |
|---|---|
| Height of lowest version | 63 mm |
| Length | 56 mm |
| TS 35 offset | 28 mm |

| PE rating data | |
|---|---|
| Centre screw on PE terminals | M 4 |
| PEN function | Yes |
| Pollution severity | 3 |
| Rated cross-section | 16 mm² |
| Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Rated short-time current | 1920 A (16 mm²) |
| Rated voltage for adjacent terminal | 1,000 V |
| Standards | IEC 60947-7-2 |
| Tightening torque range for fixing screw | 1.2...2.4 Nm |

| UL rating data | |
|---|---|
| Min. cross-section (UL) | AWG 14 |
| Max. cross-section (UL) | AWG 4 |

| Approvals | |
|---|---|
| Approvals institutes | CSAEX CURUSEX GOSTEX IEC EX ATEX ME25 |

| Downloads | |
|---|---|
| STEP | 1010400000_09237_WPE_16_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 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1036300000 | WDK 2.5PE | Earth terminal, 2.5 mm², Screw connection, Wemid, green, TS 35 |
| 1010000000 | WPE 2.5 | Earth terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1016400000 | WPE 2.5/1.5/ZR | Earth terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1010100000 | WPE 4 | Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1905130000 | WPE 4/ZZ | Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1905120000 | WPE 4/ZR | Earth terminal, 4 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1010200000 | WPE 6 | Earth terminal, 6 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1010300000 | WPE 10 | Earth terminal, 10 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1042500000 | WPE 10/ZR | Earth terminal, 10 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1010500000 | WPE 35 | Earth terminal, 35 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1037300000 | WPE 70/95 | Earth terminal, 95 mm², Screw connection, Wemid, green/yellow, TS 35 |
| 1019700000 | WPE 120/150 | Earth terminal, 120 mm², Screw connection, Wemid, green/yellow, TS 35 |

Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

**Как с нами связаться**

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