



General ordering data

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| Order No. | 1608640000 |
| Part designation | ZPE 2.5 |
| Version | Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35 |
| EAN | 4008190076733 |
| Qty. | 100 pc(s). |

Product notes

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|---------------------|---|
| Product description | Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² . |
|---------------------|---|

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------------|--|
| EU-type examination certificate | KEMA97ATEX2521U |
| Download, German | KEMA97ATEX2521U_d.pdf |
| Download English | KEMA97ATEX2521U_e.pdf |
| IECEX Certificate of Conformity | IECEXULD05.0009U |
| Download | IECEXULD05.0009U_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 | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-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 | top |
| End plate required | Yes |
| Explosion-tested version "Ex e" | Yes |
| 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 | Z-series |
| Type of connection | Clamped |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V-0 |
| Version | PE terminal |

CSA rating data

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|--------------------------|--------|
| 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 ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm ² |

Conductors for clamping (rated connection)

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|--|--------------------------|
| Clamping range, min. | 0.05 mm ² |
| Clamping range, max. | 4 mm ² |
| Type of connection | Tension clamp connection |
| 2nd type of connection | clamped |
| Connection direction | top |
| No. of connections | 2 |
| Stripping length | 10 mm |
| Blade size | 0.6 x 3.5 mm |
| Gauge to IEC 60947-1 | A3 |
| Solid, min. | 0.5 mm ² |
| Solid, 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 30 |
| AWG conductor size, max. | AWG 12 |
| AWG conductor size, min. | 0.05 mm ² |
| AWG conductor size, max. | 3.31 mm ² |

Dimensions

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|--------------------------|---------|
| Width | 5.1 mm |
| Height of lowest version | 39.5 mm |
| Length | 63 mm |
| TS 35 offset | 31.5 mm |

PE rating data

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|--|------------------------------|
| 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 |

UL rating data

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

Approvals

Approvals institutes



Downloads

| | |
|------|----------------------------------|
| DXF | 20747_ZPE_2.5_DXF.dxf |
| STEP | 1608640000_20747_ZPE_2.5_STP.stp |

Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| 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 |
|------------|------------------|--|
| 1690000000 | ZDK 2.5PE | Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35 |
| 1608650000 | ZPE 2.5/3AN | Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35 |
| 1608660000 | ZPE 2.5/4AN | Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35 |