



#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 1706090000   |
| Part designation | ZPE 2.5-2/3AN  |
| Version          | Earth terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |
| EAN              | 4008190915438  |
| Qty.             | 100 pc(s).   |

#### Product notes

|                      |  |
|----------------------|--|
| Note, technical data | 2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |
| Product description  | The compact terminal range for conductor cross-sections 0.13 to 16 mm <sup>2</sup>                                   |

#### PT OKIECEEx/ATEX rating data

|                                      |  |
|--------------------------------------|--|
| EU-type examination certificate      | KEMA97ATEX4677U  |
| Download, German                     | KEMA97ATEX4677U_d.pdf  |
| Download English                     | KEMA97ATEX4677U_e.pdf  |
| IECEX Certificate of Conformity      | IECEXULD05.0009U   |
| Download                             | IECEXULD05.0009U_e.pdf   |
| ATEX conductor cross-section         | 2.5 mm <sup>2</sup>  |
| IECEX conductor cross-section        | 2.5 mm <sup>2</sup>  |
| 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            | Inclined / angled |
| End plate required              | Yes               |
| Explosion-tested version "Ex e" | Yes               |

**Additional technical data**

|  |                   |
|--|-------------------|
| 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                                   | 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**

|                          |        |
|--------------------------|--------|
| Min. cross-section (CSA) | AWG 30 |
| Max. cross-section (CSA) | AWG 14 |

**Conductors for clamping (additional connection)**

|  |                     |
|--|---------------------|
| Rated current                                | 800 A               |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm <sup>2</sup> |

**Conductors for clamping (rated connection)**

|  |                          |
|--|--------------------------|
| Clamping range, min.   | 0.13 mm <sup>2</sup>     |
| Clamping range, max.   | 4 mm <sup>2</sup>        |
| Type of connection   | Tension clamp connection |
| 2nd type of connection                                       | clamped                  |
| Connection direction   | Inclined / angled        |
| No. of connections   | 3                        |
| Stripping length   | 10 mm                    |
| Blade size   | 0.6 x 3.5 mm             |
| Gauge to IEC 60947-1   | A2                       |
| Solid, min.  | 0.5 mm <sup>2</sup>      |
| Solid, max.  | 4 mm <sup>2</sup>        |
| Flexible, min.   | 0.5 mm <sup>2</sup>      |
| Flexible, max.   | 2.5 mm <sup>2</sup>      |
| Flexible with ferrule, min. (DIN 46228/1)                    | 0.5 mm <sup>2</sup>      |
| Flexible with ferrule, max. (DIN 46228/1)                    | 2.5 mm <sup>2</sup>      |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm <sup>2</sup>      |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 1.5 mm <sup>2</sup>      |
| AWG conductor size, min.                                     | AWG 26                   |
| AWG conductor size, max.                                     | AWG 12                   |
| AWG conductor size, min.                                     | 0.13 mm <sup>2</sup>     |
| AWG conductor size, max.                                     | 3.31 mm <sup>2</sup>     |

**Dimensions**

|       |        |
|-------|--------|
| Width | 5.1 mm |
|-------|--------|

**Dimensions**

|                          |         |
|--------------------------|---------|
| Height of lowest version | 44 mm   |
| Length                   | 50.5 mm |
| TS 35 offset             | 26 mm   |

**PE rating data**

|  |                              |
|--|------------------------------|
| PEN function   | No                           |
| Pollution severity                                   | 3                            |
| Rated cross-section                                  | 2.5 mm <sup>2</sup>          |
| Rated current  | 800 A                        |
| Rated impulse withstand voltage to adjacent terminal | 8 kV                         |
| Rated short-time current                             | 300 A (2.5 mm <sup>2</sup> ) |
| Rated voltage for adjacent terminal                  | 800 V                        |
| Standards  | IEC 60947-7-2                |

**UL rating data**

|                         |        |
|-------------------------|--------|
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 12 |

**Approvals**

Approvals institutes

**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  |
|------------|--------------------|--|
| 1791010000 | ZDK 2.5-2PE        | Earth terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |
| 1805940000 | ZDKPE 2.5-2        | Modular terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1895700000 | ZDKPE 2.5-2/N/L/PE | Modular terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1772090000 | ZPE 2.5-2          | Earth terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |

1706100000 ZPE 2.5 2/4AN

Earth terminal, 2.5 mm<sup>2</sup>, Tension clamp connection, Wemid, green/  
yellow, TS 35