

**General ordering data**

|                  |                                                                                            |
|------------------|--------------------------------------------------------------------------------------------|
| Order No.        | 1706100000                                                                                 |
| Part designation | ZPE 2.5 2/4AN                                                                              |
| Version          | Earth terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |
| EAN              | 4008190915445                                                                              |
| 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                                                                         |
| IECEEx Certificate of Conformity     | IECEXULD05.0009U                                                                              |
| Download                             | IECEXULD05.0009U_e.pdf                                                                        |
| ATEX conductor cross-section         | 2.5 mm <sup>2</sup>                                                                           |
| IECEEx conductor cross-section       | 2.5 mm <sup>2</sup>                                                                           |
| Voltage when using cross-connections | CrossConnectionGuide.pdf                                                                      |
| Operating temperature range          | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-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                 | 4                 |
| 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)**

|                                              |                     |
|----------------------------------------------|---------------------|
| 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                                           | 4                        |
| 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 |
| Height of lowest version | 44 mm  |

**Dimensions**

|              |         |
|--------------|---------|
| Length       | 50.5 mm |
| TS 35 offset | 26 mm   |

**PE rating data**

|                                                      |                 |
|------------------------------------------------------|-----------------|
| PEN function                                         | No              |
| Pollution severity                                   | 3               |
| Rated cross-section                                  | 2.5 mm²         |
| Rated impulse withstand voltage to adjacent terminal | 8 kV            |
| Rated short-time current                             | 300 A (2.5 mm²) |
| 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

**Downloads**

|      |                                        |
|------|----------------------------------------|
| STEP | 1706100000_25721_ZPE_2.5-2_4AN_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                                                                       |
|------------|--------------------|-------------------------------------------------------------------------------|
| 1791010000 | ZDK 2.5-2PE        | Earth terminal, 2.5 mm², Tension clamp connection, Wemid, green/yellow, TS 35 |
| 1805940000 | ZDKPE 2.5-2        | Modular terminal, 2.5 mm², Tension clamp connection, Wemid, dark beige, TS 35 |
| 1895700000 | ZDKPE 2.5-2/N/L/PE | Modular terminal, 2.5 mm², Tension clamp connection, Wemid, dark beige, TS 35 |

|            |               |                                                                                   |
|------------|---------------|-----------------------------------------------------------------------------------|
| 1772090000 | ZPE 2.5-2     | Earth terminal, 2.5 mm², Tension clamp connection, Wemid, green/<br>yellow, TS 35 |
| 1706090000 | ZPE 2.5-2/3AN | Earth terminal, 2.5 mm², Tension clamp connection, Wemid, green/<br>yellow, TS 35 |