



#### General ordering data

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

#### Product notes

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

#### 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 <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              | 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**

|                          |        |
|--------------------------|--------|
| 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 <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.   | 0.05 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   | 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 <sup>2</sup>      |
| Solid, max.  | 4 mm <sup>2</sup>        |
| Flexible, min.   | 0.5 mm <sup>2</sup>      |
| Flexible, max.   | 4 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) | 2.5 mm <sup>2</sup>      |
| AWG conductor size, min.                                     | AWG 30                   |
| AWG conductor size, max.                                     | AWG 12                   |
| AWG conductor size, min.                                     | 0.05 mm <sup>2</sup>     |
| AWG conductor size, max.                                     | 3.31 mm <sup>2</sup>     |

**Dimensions**

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

#### PE rating data

|  |                     |
|--|---------------------|
| PEN function   | No                  |
| Pollution severity                                   | 3                   |
| Rated cross-section                                  | 2.5 mm <sup>2</sup> |
| Rated impulse withstand voltage to adjacent terminal | 8 kV                |
| 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 <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |
| 1608650000 | ZPE 2.5/3AN      | Earth terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |
| 1608660000 | ZPE 2.5/4AN      | Earth terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35 |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DIN Rail Terminal Blocks](#) category:*

*Click to view products by [Weidmuller](#) manufacturer:*

Other Similar products are found below :

[1045932](#) [00110420202](#) [00110430402](#) [5724.2/L](#) [592808-3](#) [CTS25U/BL](#) [CTS2.5U-N/Y](#) [90.080](#) [91.010](#) [91.040](#) [DP25-GY-ND](#) [15288](#) [90.070](#)  
[90.202](#) [90.905](#) [91.001](#) [91.020](#) [91.201](#) [91.340](#) [2713793](#) [280-331](#) [283-317](#) [283-607](#) [2909044](#) [2909798](#) [29-2052](#) [SRT2-OD08CL-1](#)  
[CDL4U\(E\)MOV](#) [2757801](#) [2794660](#) [284-317](#) [2890975](#) [2907033](#) [3048496](#) [CTS2.5U-N/O](#) [5542152](#) [5602077](#) [0709880](#) [5520682](#) [5607102](#)  
[EPUSC](#) [SRT2-OD16P](#) [2901288](#) [591620-2](#) [1-591651-1](#) [NRA37-1/2](#) [592814-1](#) [592814-3](#) [SRT2-ID16P](#) [NRA37-12](#)