

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[1650350000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 1650350000  |
| Part designation | ZDU 2.5/2X2AN/D-  |
| Version          | Component terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35 |
| EAN              | 4008190297404   |
| Qty.             | 20 pc(s).   |

#### Product notes

|                     |   |
|---------------------|---|
| Note, ordering data | Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A  |
| Product description | Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> . |

#### Additional technical data

|  |  |
|--|--|
| Colour of insulating material                    | beige  |
| Connection direction                             | top  |
| Electronic component                             | Diode  |
| End plate required                               | Yes  |
| Explosion-tested version "Ex e"                  | Yes  |
| Installation advice                              | TS 35  |
| Insulating material                              | Wemid  |
| Levels cross-connected internally                | No   |
| 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                               | Plugged  |
| Type of mounting                                 | Snap-on  |
| UL 94 flammability rating of insulation material | V-0  |
| Version  | Feed-through terminal with electronic components |

**Conductors for clamping (additional connection)**

|  |                          |
|--|--------------------------|
| Type of connection                           | Tension clamp 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.   | 0.5 mm <sup>2</sup>      |
| Clamping range, max.   | 4 mm <sup>2</sup>        |
| Type of connection   | Tension clamp connection |
| Connection direction   | top                      |
| No. of connections   | 4                        |
| 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) | 1.5 mm <sup>2</sup>      |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm <sup>2</sup>      |
| AWG conductor size, min.                                     | 0.05 mm <sup>2</sup>     |
| AWG conductor size, max.                                     | 4 mm <sup>2</sup>        |

**Dimensions**

|                          |         |
|--------------------------|---------|
| Width                    | 5.1 mm  |
| Height of lowest version | 39.5 mm |
| Length                   | 79.5 mm |
| TS 35 offset             | 39 mm   |

**Rating data**

|                       |                     |
|-----------------------|---------------------|
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated voltage         | 400 V               |
| Rated impulse voltage | 6 kV                |
| Rated current         | 1 A                 |
| Standards             | IEC 60947-7-1       |
| Pollution severity    | 3                   |

**Approvals**

Approvals institutes


**Classifications**

|            |             |
|------------|-------------|
| eClass 4.1 | 27-14-11-27 |
| eClass 5.0 | 27-14-11-27 |

#### Classifications

eClass 5.1

27-14-11-27

#### Similar products

| Order No.  | Part designation | Version   |
|------------|------------------|---|
| 1650340000 | ZDU 2.5/2X2AN/D+ | Component terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35 |