



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



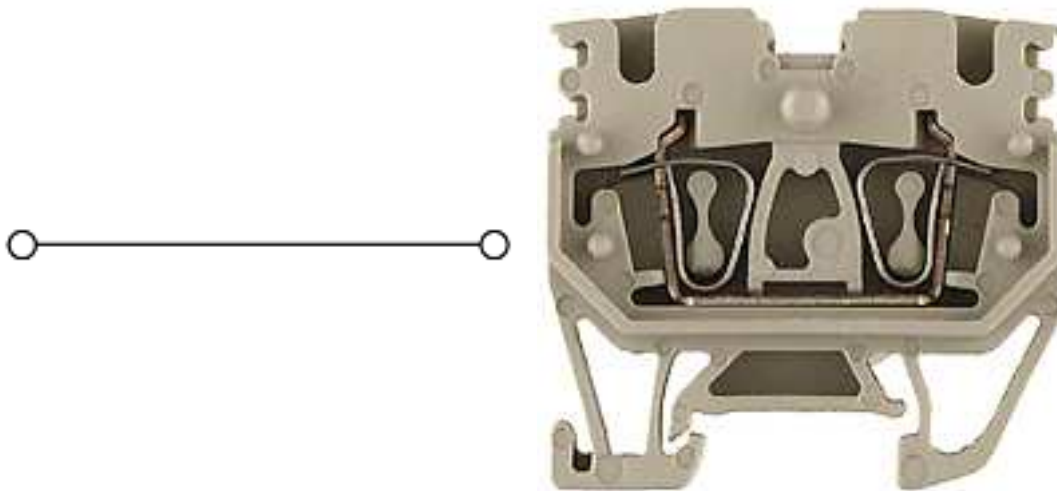
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**General ordering data**

|                  |   |
|------------------|---|
| Order No.        | 1712750000  |
| Part designation | ZDUB 2.5-2/2AN/15   |
| Version          | Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 15 |
| EAN              | 4008190333171   |
| Qty.             | 100 pc(s).  |

**Product notes**

|                      |   |
|----------------------|---|
| Note, technical data | TS 15 - block design  |
| Product description  | Terminal blocks for different fixing systems                                |
| Note, accessories    | Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000). |

**PT OKIECEX/ATEX rating data**

|                                      |  |
|--------------------------------------|--|
| EU-type examination certificate      | KEMA97ATEX2755U  |
| Download, German                     | KEMA97ATEX2755U_d.pdf  |
| Download English                     | KEMA97ATEX2755U_e.pdf  |
| ATEX voltage                         | 550 V  |
| ATEX current                         | 21 A   |
| ATEX 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   | dark beige |
| Connection direction            | top        |
| End plate required              | Yes        |
| Explosion-tested version "Ex e" | Yes        |
| Installation advice             | TS 15      |
| Insulating material             | Wemid      |

**Additional technical data**

|  |                   |
|--|-------------------|
| Levels cross-connected internally                | No                |
| 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                               | Plugged           |
| Type of mounting                                 | Snap-on           |
| UL 94 flammability rating of insulation material | V-0               |
| Version  | Central terminal  |

**CSA rating data**

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 600 V  |
| CSA current              | 25 A   |
| 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) | 1.5 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 |
| Connection direction   | top                      |
| No. of connections   | 2                        |
| 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)                    | 1.5 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.                                     | 2.5 mm <sup>2</sup>      |

**Dimensions**

|                          |         |
|--------------------------|---------|
| Width                    | 5.1 mm  |
| Height of lowest version | 32 mm   |
| Length                   | 33.5 mm |
| TS 15 offset             | 17 mm   |

## Dimensions

### Rating data

|                             |                     |
|-----------------------------|---------------------|
| Rated cross-section         | 2.5 mm <sup>2</sup> |
| Rated voltage               | 800 V               |
| Rated impulse voltage       | 8 kV                |
| Rated current               | 24 A                |
| Standards                   | IEC 60947-7-1       |
| Current with max. conductor | 30 A                |
| Pollution severity          | 3                   |

### UL rating data

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 600 V  |
| Current (UL)            | 20 A   |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 12 |

### Approvals

Approvals institutes



### Downloads

|      |   |
|------|---|
| STEP | 1712750000_25781_ZDUB_2_5-2_2AN15_STP.stp |
|------|---|

### Classifications

|            |             |
|------------|-------------|
| eClass 4.1 | 27-14-11-23 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

### Similar products

| Order No.  | Part designation     | Version   |
|------------|----------------------|---|
| 1712760000 | ZDUB 2.5-2/2AN/15 BL | Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 15       |
| 1712770000 | ZDUB 2.5-2/2AN/15 OR | Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 15     |
| 1712780000 | ZDUB 2.5-2/4AN/15    | Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 15 |
| 1712790000 | ZDUB 2.5-2/4AN/15 BL | Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 15       |
| 1712800000 | ZDUB 2.5-2/4AN/15 OR | Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 15     |

1712810000 ZPEB 2.5-2

Feed-through terminal, 2.5 mm<sup>2</sup>, Tension clamp connection, Wemid, green/yellow, TS 15