

**General ordering data**

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| Order No. | 1704510000 |
| Part designation | ZDUB 2.5-2/2AN/DB BL |
| Version | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting |
| EAN | 4008190948252 |
| Qty. | 100 pc(s). |

Product notes

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|----------------------|-----------------------------------------------------------------------------|
| Note, technical data | Direct mounting |
| Product description | Terminal blocks for different fixing systems |
| Function | End terminals |
| Note, accessories | Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000). |

PT OKIECEEx/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 ² |
| 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 | blue |
| Connection direction | top |
| End plate required | Yes |
| Explosion-tested version "Ex e" | Yes |
| Installation advice | Direct mounting |

Additional technical data

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|--------------------------------------------------|--------------------------|
| Insulating material | Wemid |
| 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 | Tension clamp connection |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V-0 |
| Version | End 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 ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 1.5 mm ² |

Conductors for clamping (rated connection)

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|-------------------------------------------|--------------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 4 mm ² |
| Type of connection | Tension clamp connection |
| Connection direction | top |
| Stripping length | 10 mm |
| Blade size | 0.6 x 3.5 mm |
| Gauge to IEC 60947-1 | A2 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 4 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 2.5 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 1.5 mm ² |
| AWG conductor size, min. | AWG 26 |
| AWG conductor size, max. | AWG 12 |

Dimensions

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| Width | 5.1 mm |
| Height of lowest version | 24 mm |
| Length | 33.5 mm |
| TS 15 offset | 17 mm |

Rating data

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|-----------------------|---------------------|
| Rated cross-section | 2.5 mm ² |
| Rated voltage | 800 V |
| Rated impulse voltage | 8 kV |
| Rated current | 24 A |

Rating data

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| Standards | IEC 60947-7-1 |
| Current with max. conductor | 30 A |
| Pollution severity | 3 |

UL rating data

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

Approvals

Approvals institutes

**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 |
|------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1704390000 | ZDUB 2.5-2/2AN/2/DB | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting |
| 1704500000 | ZDUB 2.5-2/2AN/DB | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting |
| 1704530000 | ZDUB 2.5-2/2AN/DB GE | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, yellow, Mounting foot needed for TS 32/ TS 35 |
| 1704350000 | ZDUB 2.5-2/2AN/DM | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting |
| 1704360000 | ZDUB 2.5-2/2AN/DM BL | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting |
| 1704380000 | ZDUB 2.5-2/2AN/DM GE | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, yellow, Direct mounting |
| 1704370000 | ZDUB 2.5-2/2AN/DM OR | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, Orange, Direct mounting |
| 1704690000 | ZDUB 2.5-2/4AN/DB | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting |
| 1704700000 | ZDUB 2.5-2/4AN/DB BL | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting |
| 1704720000 | ZDUB 2.5-2/4AN/DB GE | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, yellow, Direct mounting |

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| 1704540000 | ZDUB 2.5-2/4AN/DM | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting |
| 1704550000 | ZDUB 2.5-2/4AN/DM BL | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting |
| 1704570000 | ZDUB 2.5-2/4AN/DM GE | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, yellow, Direct mounting |
| 1704560000 | ZDUB 2.5-2/4AN/DM OR | Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, Orange, Direct mounting |