

**Z terminal with tension spring connection
ZDU 2.5 S**

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Installation terminals are used for power supply and distribution in small and subdistribution boards in building installations and also in electrical cabinets.

General ordering data

| | |
|------------|---|
| Type | ZDU 2.5 S |
| Order No. | 1808010000 |
| Version | Z terminal with tension spring connection, Installation multi-tier terminal, Feed-through terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, Dark Beige, Direct mounting |
| GTIN (EAN) | 4032248279913 |
| Qty. | 100 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|------------|----------|--------------------------|--------|
| Length | 61 mm | Width | 5.1 mm |
| Height | 43.15 mm | Height of lowest version | 44 mm |
| Net weight | 5.94 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature | | Storage temperature | |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Additional technical data

| | | | |
|--------------------------|--|---------------------|-----------------|
| Explosion-tested version | Yes | Installation advice | Direct mounting |
| Open sides | right | Type of mounting | Snap-on |
| Version | Tension-clamp connection, for plug-in cross-connector, One end without connector | | |

Clampable wires (additional connection)

| | | | |
|---|---------------------|---|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm ² | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm ² |
|---|---------------------|---|---------------------|

Clampable wires (rated connection)

| | | | |
|---|--------------------------|---|---------------------|
| Type of connection | Tension clamp connection | Stripping length | 10 mm |
| Blade size | 0.6 x 3.5 mm | Connection direction | Inclined / angled |
| Number of connections | 2 | Clamping range, rated connection, min. | 0.5 mm ² |
| Clamping range, rated connection, max. | 4 mm ² | Gauge to IEC 60947-1 | A2 |
| Wire connection cross section, solid core, max. rated connection | 0.5 mm ² | Wire connection cross section, solid core max. rated connection | 4 mm ² |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 14 |

N-conductor disconnect terminal

| | |
|--------------|-----------|
| For N-busbar | 10 x 3 mm |
|--------------|-----------|

Rated data

| | | | |
|---------------------------------|---------------------|---------------|---------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 400 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 24 A |
| Current at maximum wires | 24 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

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Material data

| | | | |
|---------------------|------------|---------------------------|-------|
| Insulating material | Wemid | Material | Wemid |
| Colour | Dark Beige | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-----------------------------------|---|----------------------------------|--------------------------|
| Product family | Z terminal with tension spring connection | Type of connection | Tension clamp connection |
| Connection direction | Inclined / angled | Number of levels | 1 |
| Number of connections | 2 | No. of clamping points per level | 2 |
| Levels cross-connected internally | No | Mounting rail | TS 35 |
| End cover plate required | Yes | | |

Distribution terminals

| | | | |
|-------------|----|----------------------|---|
| N-function | No | Number of potentials | 1 |
| PE function | No | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001329 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-20 | eClass 6.2 | 27-14-11-20 |
| eClass 7.1 | 27-14-11-20 | | |

Product information

| | |
|---------------------------------|--|
| Descriptive text ordering data | The distance from holding plate to holding plate should be 200 mm. |
| Descriptive text technical data | The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). |

Approvals

Approvals



ROHS Conform