



General ordering data

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|------------------|---|
| Order No. | 1616440000 |
| Part designation | ZSI 2.5/LD 28AC |
| Version | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| EAN | 4008190196813 |
| Qty. | 50 pc(s). |

Product notes

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|----------------------|---|
| Note, ordering data | For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV. |
| Note, technical data | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. |
| Product description | Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² . |
| Function | 10 - 36 V |
| Note, accessories | Status display using a bi-directional LED. |

Additional technical data

| | |
|-------------------------------|-------------------|
| Colour of insulating material | dark beige |
| Connection direction | Inclined / angled |

Additional technical data

| | |
|--|--------------------------|
| End plate required | Yes |
| Explosion-tested version "Ex e" | No |
| Installation advice | TS 35 |
| Insulating material | Wemid |
| Levels cross-connected internally | No |
| 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 | Tension clamp connection |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V-0 |
| Version | Fuse terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 600 V |
| CSA current | 15 A |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 12 |

Conductors for clamping (additional connection)

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|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm ² |

Conductors for clamping (rated connection)

| | |
|--|--------------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 4 mm ² |
| Type of connection | Tension clamp connection |
| 2nd type of connection | clamped |
| Connection direction | Inclined / angled |
| 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 ² |
| Solid, max. | 4 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 4 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 2.5 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm ² |
| AWG conductor size, min. | AWG 26 |
| AWG conductor size, max. | AWG 12 |
| AWG conductor size, min. | 0.13 mm ² |
| AWG conductor size, max. | 3.31 mm ² |

Conductors for clamping (rated connection)**Dimensions**

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|--------------------------|---------|
| Width | 7.9 mm |
| Height of lowest version | 74 mm |
| Length | 79.5 mm |
| TS 35 offset | 39.5 mm |

Display element

| | |
|-------------------------------------|-------|
| Current | 6.3 A |
| Operating voltage for display, max. | 36 V |
| Operating voltage for display, min. | 10 V |
| Type of voltage for indicator | AC/DC |

Fuse terminals

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|--|--------------|
| Cartridge fuse | G-Si. 5 x 20 |
| Current | 6.3 A |
| Display | Red LED |
| Fuse holder (cartridge holder) | Pivoting |
| Max. power loss connection arrangement | 1.6 W |
| Operating voltage, max. | 28 V |
| Power loss | 2.5 W |
| Type of voltage for indicator | AC/DC |

Rating data

| | |
|-----------------------------|---------------------|
| Rated cross-section | 2.5 mm ² |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Rated current | 6.3 A |
| Standards | IEC 60947-7-3 |
| Current with max. conductor | 6.3 A |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 600 V |
| Current (UL) | 10 A |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 12 |

Approvals

Approvals institutes

**Classifications**

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|------------|-------------|
| eClass 4.1 | 27-14-11-16 |
| eClass 5.0 | 27-14-11-16 |

Classifications

eClass 5.1

27-14-11-16

Similar products

| Order No. | Part designation | Version |
|------------|------------------------|---|
| 161640000 | ZSI 2.5 | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1826050000 | ZSI 2.5-2/2X2AN/G20 | Fuse terminal, 2.5 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1826030000 | ZSI 2.5-2/2X2AN/G20/GL | Fuse terminal, 2.5 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1826200000 | ZSI 2.5-2/2X2AN/G25 | Fuse terminal, 2.5 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1826090000 | ZSI 2.5-2/2X2AN/G25/GL | Fuse terminal, 2.5 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1616460000 | ZSI 2.5/2 500AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616490000 | ZSI 2.5/2/LD 120AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616500000 | ZSI 2.5/2/LD 250AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616470000 | ZSI 2.5/2/LD 28AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616480000 | ZSI 2.5/2/LD 60AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1730900000 | ZSI 2.5/5X25 | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616420000 | ZSI 2.5/LD 120AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616410000 | ZSI 2.5/LD 250AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616430000 | ZSI 2.5/LD 60AC | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1058520000 | ZSI 2X6/4X2.5 | |
| 1820930000 | ZSI 6-2 2X2.5/G20 | Fuse terminal, 6 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1820860000 | ZSI 6-2 2X2.5/G20/GL | Fuse terminal, 6 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1820950000 | ZSI 6-2 2X2.5/G25 | Fuse terminal, 6 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1820940000 | ZSI 6-2 2X2.5/G25/GL | Fuse terminal, 6 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1814690000 | ZSI 6-2/FC | Fuse terminal, 6 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |
| 1814700000 | ZSI 6-2/FC LD | Fuse terminal, 6 mm ² , Tension clamp connection, PA 66/6, black, TS 35 |