

**General ordering data**

|                  |   |
|------------------|---|
| Order No.        | 1616480000  |
| Part designation | ZSI 2.5/2/LD 60AC   |
| Version          | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190196660   |
| Qty.             | 10 pc(s).   |

**Product notes**

|                      |   |
|----------------------|---|
| 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 <sup>2</sup> . |
| Function             | 30 - 70 V   |
| Note, accessories    | Status display using a bi-directional LED. With use of inch fuse cartridges                               |

**Additional technical data**

|                                   |                          |
|-----------------------------------|--------------------------|
| Colour of insulating material     | dark beige               |
| Connection direction              | top                      |
| 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                  |

**Additional technical data**

|  |               |
|--|---------------|
| 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)**

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

**Dimensions**

|                          |         |
|--------------------------|---------|
| Width                    | 12.2 mm |
| Height of lowest version | 74 mm   |
| Length                   | 79.5 mm |
| TS 35 offset             | 39 mm   |

**Display element**

|                                     |       |
|-------------------------------------|-------|
| Operating voltage for display, max. | 70 V  |
| Operating voltage for display, min. | 30 V  |
| Type of voltage for indicator       | AC/DC |

**Fuse terminals**

|  |                |
|--|----------------|
| Cartridge fuse                         | G-Si. 6.3 x 32 |
| Display                                | Red LED        |
| Fuse holder (cartridge holder)         | Pivoting       |
| Max. power loss connection arrangement | 2.5 W          |
| Operating voltage, max.                | 60 V           |
| Power loss                             | 2.5 W          |
| Type of voltage for indicator          | AC/DC          |

**Rating data**

|                             |                     |
|-----------------------------|---------------------|
| Rated cross-section         | 2.5 mm <sup>2</sup> |
| Rated voltage               | 500 V               |
| Rated impulse voltage       | 6 kV                |
| Rated current               | 12 A                |
| Standards                   | IEC 60947-7-3       |
| Current with max. conductor | 12 A                |
| Pollution severity          | 3                   |

**UL rating data**

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 600 V  |
| Current (UL)            | 16 A   |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 12 |

**Approvals**

Approvals institutes

**Classifications**

|            |             |
|------------|-------------|
| eClass 4.1 | 27-14-11-16 |
| eClass 5.0 | 27-14-11-16 |
| eClass 5.1 | 27-14-11-16 |

**Similar products**

| Order No.  | Part designation       | Version   |
|------------|------------------------|---|
| 1616400000 | ZSI 2.5                | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1826050000 | ZSI 2.5-2/2X2AN/G20    | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35    |
| 1826030000 | ZSI 2.5-2/2X2AN/G20/GL | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35    |

|            |                        |   |
|------------|------------------------|---|
| 1826200000 | ZSI 2.5-2/2X2AN/G25    | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35    |
| 1826090000 | ZSI 2.5-2/2X2AN/G25/GL | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35    |
| 1616460000 | ZSI 2.5/2 500AC        | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616490000 | ZSI 2.5/2/LD 120AC     | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616500000 | ZSI 2.5/2/LD 250AC     | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616470000 | ZSI 2.5/2/LD 28AC      | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1730900000 | ZSI 2.5/5X25           | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616420000 | ZSI 2.5/LD 120AC       | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616410000 | ZSI 2.5/LD 250AC       | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616440000 | ZSI 2.5/LD 28AC        | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1616430000 | ZSI 2.5/LD 60AC        | Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1058520000 | ZSI 2X6/4X2.5          |   |
| 1820930000 | ZSI 6-2 2X2.5/G20      | Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35      |
| 1820860000 | ZSI 6-2 2X2.5/G20/GL   | Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35      |
| 1820950000 | ZSI 6-2 2X2.5/G25      | Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35      |
| 1820940000 | ZSI 6-2 2X2.5/G25/GL   | Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35      |
| 1814690000 | ZSI 6-2/FC             | Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35      |
| 1814700000 | ZSI 6-2/FC LD          | Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35      |