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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.

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Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





General ordering data

| | |
|------------------|---|
| Order No. | 1616410000 |
| Part designation | ZSI 2.5/LD 250AC |
| Version | Fuse terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 |
| EAN | 4008190196844 |
| Qty. | 50 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 ² . |
| Function | 140 - 250 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)

| | |
|--|---------------------|
| 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**

| | |
|--------------------------|---------|
| 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. | 250 V |
| Operating voltage for display, min. | 140 V |
| Type of voltage for indicator | AC/DC |

Fuse terminals

| | |
|--|--------------|
| 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. | 250 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**

| | |
|------------|-------------|
| 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 |
| 1616440000 | ZSI 2.5/LD 28AC | 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 |