



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



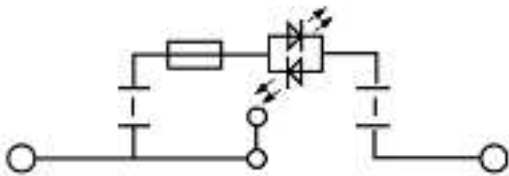
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#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 1012400000  |
| Part designation | WSI 6/LD 250AC  |
| Version          | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190139834   |
| Qty.             | 50 pc(s).   |

#### Product notes

|                      |   |
|----------------------|---|
| Note, ordering data  | Max. power loss (1.6 W) at the cartridge fuse limits the rated current.   |
| Note, technical data | Cartridge fuses or contact sleeves have to be inserted centrally. A defective fuse causes a residual current to flow via the LED! |
| Function             | 140 - 250V  |
| Note, accessories    | Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10.   |

#### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

|  |                     |
|--|---------------------|
| Solid, min.                                  | 0.5 mm <sup>2</sup> |
| Solid, max.                                  | 2.5 mm <sup>2</sup> |
| Flexible, min.                               | 0.5 mm <sup>2</sup> |
| Flexible, max.                               | 2.5 mm <sup>2</sup> |
| 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> |

#### Additional technical data

|                                   |            |
|-----------------------------------|------------|
| Colour of insulating material     | dark beige |
| Connection direction              | on side    |
| End plate required                | Yes        |
| Explosion-tested version "Ex e"   | No         |
| Installation advice               | TS 35      |
| Insulating material               | Wemid      |
| Levels cross-connected internally | No         |

**Additional technical data**

|  |                   |
|--|-------------------|
| 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                                   | W-Series          |
| Type of connection                               | Screwed           |
| Type of mounting                                 | Snap-on           |
| UL 94 flammability rating of insulation material | V-0               |
| Version  | Fuse terminal     |

**CSA rating data**

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 300 V  |
| CSA current              | 10 A   |
| Min. cross-section (CSA) | AWG 20 |
| Max. cross-section (CSA) | AWG 8  |

**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) | 6 mm <sup>2</sup>   |

**Conductors for clamping (rated connection)**

|  |                      |
|--|----------------------|
| Clamping range, min.   | 0.5 mm <sup>2</sup>  |
| Clamping range, max.   | 10 mm <sup>2</sup>   |
| Type of connection   | Screw connection     |
| 2nd type of connection                                       | screwed              |
| Connection direction   | on side              |
| No. of connections   | 2                    |
| Stripping length   | 12 mm                |
| Clamping screw   | M 3.5                |
| Blade size   | 4.0 x 0.8 mm         |
| Tightening torque range                                      | 0.8...1.6 Nm         |
| Torque level with DMS electric screwdriver                   | 3                    |
| Gauge to IEC 60947-1   | A5                   |
| Solid, min.  | 0.5 mm <sup>2</sup>  |
| Solid, max.  | 10 mm <sup>2</sup>   |
| Stranded, min.   | 1.5 mm <sup>2</sup>  |
| Stranded, max.   | 10 mm <sup>2</sup>   |
| Flexible, min.   | 0.5 mm <sup>2</sup>  |
| Flexible, max.   | 10 mm <sup>2</sup>   |
| Flexible with ferrule, min. (DIN 46228/1)                    | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1)                    | 6 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) | 6 mm <sup>2</sup>    |
| AWG conductor size, min.                                     | AWG 20               |
| AWG conductor size, max.                                     | AWG 8                |
| AWG conductor size, min.                                     | 0.52 mm <sup>2</sup> |
| AWG conductor size, max.                                     | 8.37 mm <sup>2</sup> |

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

|                          |        |
|--------------------------|--------|
| Width                    | 7.9 mm |
| Height of lowest version | 72 mm  |
| Length                   | 60 mm  |
| Weight                   | 21.5 g |
| TS 35 offset             | 32 mm  |

**Disconnect terminals**

|  |   |
|--|---|
| Torque level with DMS electric screwdriver | 3 |
|--|---|

**Display element**

|                                     |       |
|-------------------------------------|-------|
| Operating voltage for display, max. | 150 V |
| Operating voltage for display, min. | 60 V  |
| Type of voltage for indicator       | AC    |

**Fuse terminals**

|                                |               |
|--------------------------------|---------------|
| Cartridge fuse                 | G-Si. 1 x 1/4 |
| Display                        | Red LED       |
| Fuse holder (cartridge holder) | Pivoting      |
| Operating voltage, max.        | 500           |
| Type of voltage for indicator  | AC            |

**Rating data**

|                             |                   |
|-----------------------------|-------------------|
| Rated cross-section         | 6 mm <sup>2</sup> |
| 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**

|                         |        |
|-------------------------|--------|
| Current (UL)            | 20 A   |
| Min. cross-section (UL) | AWG 20 |
| Max. cross-section (UL) | AWG 8  |

**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 |

## Classifications

## Similar products

| Order No.  | Part designation          | Version  |
|------------|---------------------------|--|
| 1880430000 | WSI 4/2                   | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35 + TS 32 + TS 15 |
| 1880410000 | WSI 4/2/LD 10-36V AC/DC   | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1880390000 | WSI 4/2/LD 140-250V AC/DC | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1880440000 | WSI 4/2/LD 30-70V AC/DC   | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1880420000 | WSI 4/2/LD 60-150V AC/DC  | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1886590000 | WSI 4/LD 10-36V AC/DC     | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1886560000 | WSI 4/LD 30-70V AC/DC     | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1886570000 | WSI 4/LD 60-150V AC/DC    | Fuse terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1011000000 | WSI 6                     | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1011060000 | WSI 6 OR                  | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, Orange, TS 35                |
| 1011010000 | WSI 6 SW                  | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35                 |
| 1028200000 | WSI 6 TR                  | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, transparent, TS 35           |
| 1014000000 | WSI 6/2 GZ/DEF63          | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1014300000 | WSI 6/2/LD 60-150VDC/AC   | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1014400000 | WSI 6/2/LD 250AC          | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1014100000 | WSI 6/2/LD 10-36V DC/AC   | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1014200000 | WSI 6/2/LD 30-70V DC/AC   | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1012300000 | WSI 6/LD 60-150V DC/AC    | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1011300000 | WSI 6/LD 10-36V DC/AC     | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |
| 1012200000 | WSI 6/LD 30-70V DC/AC     | Fuse terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35            |