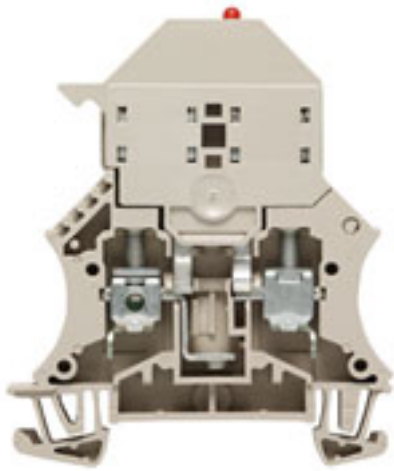


W-Series
WSI 6/LD 60-150V DC/AC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The fuse terminals of the Weidmüller W Series are available in two different forms:

- Fuse terminal with pivoting retaining lever
- Fuse terminal with plug-in SIHA fuse holder

General ordering data

| | |
|------------|--|
| Type | WSI 6/LD 60-150V DC/AC |
| Order No. | 1012300000 |
| Version | W-Series, Fuse terminal, Rated cross-section: 6 mm ² , Screw connection |
| GTIN (EAN) | 4008190012908 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------|---------|--------------------------|---------|
| Length | 60 mm | Width | 7.9 mm |
| Height | 71.5 mm | Height of lowest version | 72 mm |
| Weight | 21.5 g | Net weight | 19.37 g |

Temperatures

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

Additional technical data

| | | | |
|--------------------------|--|-----------------------------|---------|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Snap-on |
| Version | Screw connection, Fuse isolator, with LED, for screwable cross-connection, One end without connector | | |

CSA ratings data

| | | | |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 200039-1057876 | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 20 AWG | | |

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. | 6 mm ² |
|---|---------------------|---|-------------------|

Clampable wires (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Type of connection | Screw connection | Stripping length | 12 mm |
| Blade size | 0.8 x 4.0 mm | Connection direction | on side |
| Number of connections | 2 | Clamping range, rated connection, min. | 0.5 mm ² |
| Clamping range, rated connection, max. | 10 mm ² | Clamping screw | M 3.5 |
| Tightening torque, min. | 0.8 Nm | Tightening torque, max. | 1.6 Nm |
| Torque level with DMS electric screwdriver | 3 | Gauge to IEC 60947-1 | A5 |
| Wire connection cross section, solid core, max. rated connection | 0.5 mm ² | Wire connection cross section, solid core max. rated connection | 10 mm ² |
| Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² | Wire connection cross section, stranded, rated connection, max. | 10 mm ² |
| Wire connection cross section, finely stranded, max. | 10 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. | 6 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. | 6 mm ² |
| Wire connection cross section AWG, min. | AWG 20 | Wire connection cross section AWG, max. | AWG 8 |

Data sheet

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Technical data

Dimensions

| | |
|--------------|-------|
| TS 35 offset | 32 mm |
|--------------|-------|

Rated data

| | | | |
|---------------------|-------------------|---------------------------------|-------|
| Rated cross-section | 6 mm ² | Rated impulse withstand voltage | 6 kV |
| Rated current | 6.3 A | Current at maximum wires | 6.3 A |
| Standards | IEC 60947-7-3 | Pollution severity | 3 |

UL ratings data

| | | | |
|---|--------|---|-------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 22 AWG | Conductor size Field wiring max. (UR) | 8 AWG |

Material data

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

System specifications

| | | | |
|-----------------------------------|----------|----------------------------------|------------------|
| Product family | W-Series | Type of connection | Screw connection |
| Connection direction | on side | 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 | | |

Display element

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

Fuse terminals

| | | | |
|--------------------------------|--------------|-------------------------|---------|
| Cartridge fuse | G-Si. 5 x 20 | Display | red LED |
| Fuse holder (cartridge holder) | Pivoting | Operating voltage, max. | 150 V |
| Type of voltage for indicator | AC/DC | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000899 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-16 | eClass 6.2 | 27-14-11-16 |
| eClass 7.1 | 27-14-11-16 | | |

Product information

| | |
|--------------------------------|---|
| Descriptive text ordering data | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. |
| Descriptive text accessories | Markers only fit on one side. |

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

Data sheet

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Drawings

