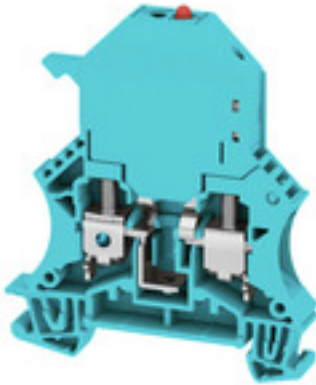


W-Series
WSI 6/LD 10-36V BL

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



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | |
|------------|--|
| Type | WSI 6/LD 10-36V BL |
| Order No. | 1884630000 |
| Version | W-Series, Fuse terminal, Rated cross-section: 6 mm ² , Screw connection |
| GTIN (EAN) | 4032248489893 |
| Qty. | 50 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|--------------------------|---------|-----------------|------------|
| Width | 7.9 mm | Width (inches) | 0.311 inch |
| Height | 60 mm | Height (inches) | 2.362 inch |
| Depth | 71.5 mm | Depth (inches) | 2.815 inch |
| Depth including DIN rail | 72 mm | Net weight | 20.56 g |

Temperatures

| | | | |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

Material data

| | | | |
|---------------------------|-------|--------|------|
| Material | Wemid | Colour | blue |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------|--|--|--------------|
| Version | Screw connection, Fuse isolator, with LED, for screwable cross-connection, One end without connector | Tightening torque (clamping screw for copper conductors) | 0.8...1.6 Nm |
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | No. of clamping points per level | 2 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

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

| | | | |
|--|---------------------|--|---------------------|
| Wire connection cross section, finely stranded, two clampable wires, min. | 0.5 mm ² | Wire cross-section, finely stranded, two clampable wires, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 2.5 mm ² |

Additional technical data

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Snap-on |

CSA rating data

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

Conductors for clamping (additional connection)

| | |
|---|-------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 6 mm ² |
|---|-------------------|

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Technical data**Conductors for clamping (rated connection)**

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 0.8 x 4.0 mm | Clamping range, max. | 10 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Connection cross-section, stranded, max. | 10 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A5 |
| Number of connections | 2 | Stripping length | 12 mm |
| Tightening torque, max. | 1.6 Nm | Tightening torque, min. | 0.8 Nm |
| Torque level with DMS electric screwdriver | 3 | Type of connection | Screw connection |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 20 |
| Wire connection cross section, finely stranded, max. | 10 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 10 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Display element

| | |
|-------------------------------|-------|
| 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. | 36 V |
| Permitted power loss for fuse with semiconductor protection | | Power loss, 1-pole ; 2-pole ; 3-pole | |
| Type of voltage for indicator | AC/DC | | |

Rating data

| | | | |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section | 6 mm ² | Rated voltage | 36 V |
| Rated voltage to adjoining terminal | 500 V | Rated current | 6.3 A |
| Current at maximum wires | 6.3 A | Standards | IEC 60947-7-3 |
| Volume resistance according to IEC 60947-7-x | 0.78 mΩ | Rated impulse withstand voltage | 6 kV |
| Pollution severity | 3 | | |

UL rating 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 |
| Conductor size Field wiring min. (UR) | 22 AWG | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC000899 | eClass 6.2 | 27-14-11-16 |
| eClass 9.0 | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |

Data sheet**W-Series**
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Approvals



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Safety notice

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