

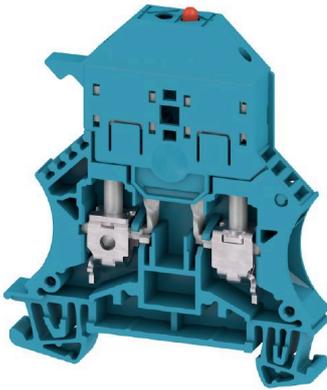
WSI 6/LD 10-36V BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

| | |
|------------|--|
| Version | Fuse terminal, Screw connection, blue, 6 mm ² , 6.3 A, 36 V, Number of connections: 2, Number of levels: 1, TS 35 |
| Order No. | 1884630000 |
| Type | WSI 6/LD 10-36V BL |
| GTIN (EAN) | 4032248489893 |
| Qty. | 10 items |

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Technical data

Approvals

Approvals



| | |
|-----------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

Dimensions and weights

| | | | |
|--------------------------|-------------|----------------|------------|
| Depth | 71.5 mm | Depth (inches) | 2.815 inch |
| Depth including DIN rail | 72 mm | Height | 60 mm |
| Height (inches) | 2.3622 inch | Width | 7.9 mm |
| Width (inches) | 0.311 inch | Net weight | 20.56 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7cl |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|---------------------------|-------|--------|------|
| Basic 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 | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

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

CSA rating data

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

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Conductors for clamping (additional connection)

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

Conductors for clamping (rated connection)

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

| | | | | |
|---------------------|--|-------------------|---------------------|--------|
| Clampable conductor | Connection specification | | Screw connection | |
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | |
| | | min. | 0.5 mm ² | |
| | | max. | 10 mm ² | |
| | | nominal | 6 mm ² | |
| | wire end ferrule | Stripping length | min. | 12 mm |
| | | | max. | 12 mm |
| | | | nominal | 12 mm |
| | | Tightening torque | min. | 0.8 Nm |
| | | | max. | 1.6 Nm |

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| | | | |
|--|-------------------|-----------------------|--------|
| Connection specification | | Screw connection | |
| Cross-section for conductor connection | Type | stranded, H07V-R | |
| | min. | 1.5 mm ² | |
| | max. | 10 mm ² | |
| | nominal | 6 mm ² | |
| wire end ferrule | Stripping length | min. | 12 mm |
| | | max. | 12 mm |
| | | nominal | 12 mm |
| | Tightening torque | min. | 0.8 Nm |
| | | max. | 1.6 Nm |
| | | | |
| Connection specification | | Screw connection | |
| Cross-section for conductor connection | Type | flexible, H05(07) V-K | |
| | min. | 0.5 mm ² | |
| | max. | 10 mm ² | |
| | nominal | 6 mm ² | |
| wire end ferrule | Stripping length | min. | 12 mm |
| | | max. | 12 mm |
| | | nominal | 12 mm |
| | Tightening torque | min. | 0.8 Nm |
| | | max. | 1.6 Nm |
| | | | |

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 20 |
| Standards | IEC 60947-7-3 | Mounting rail | TS 35 |

Rating data

| | | | |
|-------------------------------------|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 36 V |
| Rated voltage to adjoining terminal | 500 V | Rated DC voltage | 36 V |
| Nominal 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 | Power loss in accordance with IEC 60947-7-x | 1.31 W |
| Pollution severity | 3 | | |

UL rating data

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

Important note

| | |
|---------------------|--|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |
|---------------------|--|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | EC000899 | ETIM 9.0 | EC000899 |
| ETIM 10.0 | EC000899 | ECLASS 9.0 | 27-14-11-16 |
| ECLASS 9.1 | 27-14-11-16 | ECLASS 10.0 | 27-14-11-16 |
| ECLASS 11.0 | 27-14-11-16 | ECLASS 12.0 | 27-14-11-16 |
| ECLASS 13.0 | 27-25-01-13 | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 | | |

Drawings

