

## WSI 6/LD 10-36V BL

Weidmüller Interface GmbH & Co. KG

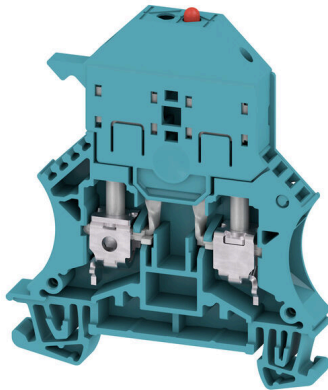
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

### Product image



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload –ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

### General ordering data

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

**WSI 6/LD 10-36V BL**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Approvals**

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| 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              | -50 °C...75 °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 |                       |                |

**WSI 6/LD 10-36V BL**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Conductors for clamping (additional connection)**

|   |                   |  |                  |
|---|-------------------|--|------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 6 mm <sup>2</sup> | 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 <sup>2</sup>  |
| Clamping range, min.  | 0.5 mm <sup>2</sup> |
| 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 <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 10 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 10 mm <sup>2</sup>  |
| Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup> |
| Torque level with DMS electric screwdriver  | 3                   |
| Wire connection cross-section, solid core, max.   | 10 mm <sup>2</sup>  |
| Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |
| Connection cross-section, finely stranded, min.   | 0.5 mm <sup>2</sup> |

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

## WSI 6/LD 10-36V BL

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

| Connection specification               |                   | Screw connection      |        |
|--|-------------------|-----------------------|--------|
| Cross-section for conductor connection | Type              | stranded, H07V-R      |        |
|  | min.              | 1.5 mm <sup>2</sup>   |        |
|  | max.              | 10 mm <sup>2</sup>    |        |
|  | nominal           | 6 mm <sup>2</sup>     |        |
| 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 <sup>2</sup>   |        |
|  | max.              | 10 mm <sup>2</sup>    |        |
|  | nominal           | 6 mm <sup>2</sup>     |        |
| wire end ferrule                       | Stripping length  | min.                  | 12 mm  |
|  |                   | max.                  | 12 mm  |
|  |                   | nominal               | 12 mm  |
|  | Tightening torque | min.                  | 0.8 Nm |
|  |                   | max.                  | 1.6 Nm |
|  |                   |                       |        |

### Fuse terminals

|   |              |                                      |          |
|---|--------------|--------------------------------------|----------|
| Cartridge fuse  | G-Si. 5 x 20 | Fuse holder (cartridge holder)       | Pivoting |
| Type of voltage for indicator                               | AC/DC        | Display                              | Red LED  |
| Operating voltage, max.                                     | 36 V         | Power loss, 1-pole ; 2-pole ; 3-pole |          |
| Permitted power loss for fuse with semiconductor protection |              |                                      |          |

### 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 <sup>2</sup> | 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

**Technical data**

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000899    | ETIM 9.0    | EC000899    |
| ETIM 10.0   | EC000899    | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 |             |             |

Drawings

