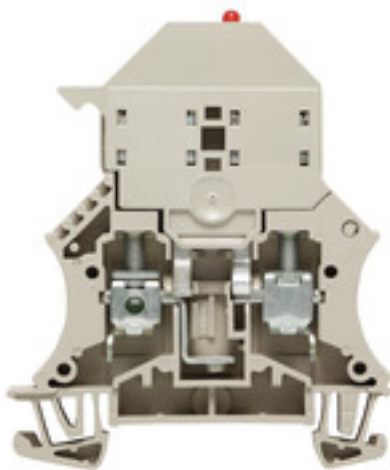


**W-Series  
WSI 6/LD 10-36V DC/AC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**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 DC/AC  |
| Order No.  | <a href="#">1011300000</a>   |
| Version    | W-Series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4008 190076115   |
| Qty.       | 10 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   | Weight          | 21.38 g    |
| Net weight               | 19.47 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 | dark beige |
| 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  |
| 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 <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max.   | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm <sup>2</sup> | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 2.5 mm <sup>2</sup> |

**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 <sup>2</sup> |
|---|-------------------|

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

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Blade size  | 0.8 x 4.0 mm        | Clamping range, max.  | 10 mm <sup>2</sup>  |
| Clamping range, min.  | 0.5 mm <sup>2</sup> | Clamping screw  | M 3.5               |
| Connection cross-section, stranded, max.  | 10 mm <sup>2</sup>  | Connection cross-section, stranded, min.  | 1.5 mm <sup>2</sup> |
| 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 <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 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, min.                                    | 0.5 mm <sup>2</sup> |
| 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> |

**Display element**

|                                     |       |                                     |      |
|-------------------------------------|-------|-------------------------------------|------|
| Operating voltage for display, max. | 36 V  | Operating voltage for display, min. | 10 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. | 36 V    |
| Type of voltage for indicator  | AC/DC        |                         |         |

**Rating data**

|  |                   |   |               |
|--|-------------------|---|---------------|
| Rated cross-section                          | 6 mm <sup>2</sup> | 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           | Power loss in accordance with IEC 60947-7-x | 1.31 W        |
| 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    | ETIM 7.0   | EC000899    |
| eClass 9.0  | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |
| eClass 10.0 | 27-14-11-16 | UNSPSC     | 30-21-18-11 |

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">CB Testreport</a><br><a href="#">CB Certificate</a><br><a href="#">CB Test certificate</a><br><a href="#">EAC certificate</a><br><a href="#">DNVGL certificate</a><br><a href="#">Lloyds Register Certificate</a><br><a href="#">MARITREG Certificate</a><br><a href="#">DE_PT1003_20160418_959_ISSUE01.pdf</a><br><a href="#">Declaration of Conformity Terminals</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>  |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>   |
| Engineering Data                            | <a href="#">STEP</a>   |
| User Documentation                          | <a href="#">Beipackzettel_SAKS_GL_LD.pdf</a><br><a href="#">StorageConditionsTerminalBlocks</a>  |

**Safety note**

Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

