

**W-Series**  
**WSI 6/LD 10-36V LLC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
[www.weidmueller.com](http://www.weidmueller.com)

**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 LLC                                                                |
| Order No.  | <a href="#">1119840000</a>                                                         |
| Version    | W-Series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4032248900930                                                                      |
| Qty.       | 50 pc(s).                                                                          |

**W-Series**  
**WSI 6/LD 10-36V LLC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com

**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      | 20.6 g     |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| 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,<br>Fuse isolator, with LED,<br>for screwable cross-<br>connection, One end<br>without connector | End cover plate required          | Yes   |
| Number of potentials             | 1                                                                                                                 | Number of levels                  | 1     |
| No. of clamping points per level | 2                                                                                                                 | Levels cross-connected internally | No    |
| PE connection                    | No                                                                                                                | Mounting 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<br>stranded, two clampable wires, min.                                     | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two<br>clampable wires, max.                                                | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, 2 clampable wires, min. | 0.5 mm <sup>2</sup> | Wire connection cross section, finely<br>stranded with wire-end ferrules DIN<br>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         |                               |       |

**W-Series**  
**WSI 6/LD 10-36V LLC**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com

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

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

**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     | Leakage current, max.                                       | 0.286 mA |
| 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 <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           | 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 |                                         |       |

## W-Series WSI 6/LD 10-36V LLC

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000899    | ETIM 4.0   | EC000899    |
| ETIM 5.0   | EC000899    | ETIM 6.0   | EC000899    |
| eClass 5.1 | 27-14-11-16 | eClass 6.2 | 27-14-11-16 |
| eClass 7.1 | 27-14-11-16 | eClass 8.1 | 27-14-11-16 |
| eClass 9.0 | 27-14-11-16 | eClass 9.1 | 27-14-11-16 |

### Product information

Descriptive text accessories Markers only fit on one side. Cross-connections, see section "W series accessories".

### Approvals

Approvals



ROHS Conform

### Downloads

|                                             |                                                                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CB Test Certifikat</a><br><a href="#">CB Certifikat</a><br><a href="#">DE_PT1003_20160418_960_ISSUE01.pdf</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>                                                                                       |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                                                  |
| User Documentation                          | <a href="#">Beipackzettel_WSI6_WSI6_2_LLC.pdf</a>                                                                         |

### Safety note

Safety notice [Safety Information](#)

### W-Series WSI 6/LD 10-36V LLC

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

