

**W-Series  
WSI 6/2/LD 60-150V LLC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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Fon: +49 5231 14-0  
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[www.weidmueller.com](http://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 6/2/LD 60-150V LLC                                                |
| Order No.  | <a href="#">1119820000</a>                                            |
| Version    | W-Series, Fuse terminal, Rated cross-section: 6 mm², Screw connection |
| GTIN (EAN) | 4032248901098                                                         |
| Qty.       | 25 Stück                                                              |

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## Technische Daten

### Dimensions and weights

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 11.9 mm | Width (inches)  | 0.469 inch |
| Height                   | 60 mm   | Height (inches) | 2.362 inch |
| Depth                    | 78.5 mm | Depth (inches)  | 3.091 inch |
| Depth including DIN rail | 79.5 mm | Net weight      | 27.68 g    |

### Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature, max.        | 55 °C          | Storage temperature, min.        | -25 °C |
| Storage temperature              | -25 °C...55 °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,<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   |
| 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<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         |                               |       |

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### 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                   | 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

|                               |       |
|-------------------------------|-------|
| Type of voltage for indicator | AC/DC |
|-------------------------------|-------|

### Fuse terminals

|                                |               |                               |          |
|--------------------------------|---------------|-------------------------------|----------|
| Cartridge fuse                 | G-Si. 1 x 1/4 | Display                       | Red LED  |
| Fuse holder (cartridge holder) | Pivoting      | Leakage current, max.         | 0.219 mA |
| Operating voltage, max.        | 150 V         | Type of voltage for indicator | AC/DC    |

### Rating data

|                                              |                   |                                             |               |
|----------------------------------------------|-------------------|---------------------------------------------|---------------|
| Rated cross-section                          | 6 mm <sup>2</sup> | Rated voltage                               | 150 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        |
| 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 |            |             |

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## Technische Daten

### Approvals

Approvals



ROHS

Conform

### Downloads

|                                             |                                                                                                                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CB Testreport</a><br><a href="#">CB Certificate</a><br><a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">Declaration of Conformity</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_WSI6_WSI6_2_LLC.pdf</a><br><a href="#">StorageConditionsTerminalBlocks</a>                                                                                         |

### Safety note

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|

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## Zeichnungen

