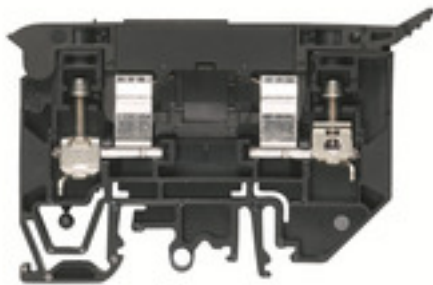


**W-Series**  
**WSI 4/2/LD 30-70V AC/DC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[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 4/2/LD 30-70V AC/DC                                                            |
| Order No.  | <a href="#">1880440000</a>                                                         |
| Version    | W-Series, Fuse terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4032248544981                                                                      |
| Qty.       | 25 pc(s).                                                                          |

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**Technical data**
**Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 9.1 mm  | Width (inches)  | 0.358 inch |
| Height     | 81.6 mm | Height (inches) | 3.213 inch |
| Depth      | 53.5 mm | Depth (inches)  | 2.106 inch |
| Net weight | 23.12 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 | black |
| UL 94 flammability rating | V-0   |        |       |

**System specifications**

|                               |                                                                      |                                                          |              |
|-------------------------------|----------------------------------------------------------------------|----------------------------------------------------------|--------------|
| Version                       | Screw connection, Fuse isolator, with LED, One end without connector | Tightening torque (clamping screw for copper conductors) | 0.5...0.8 Nm |
| End cover plate required      | Yes                                                                  | Number of potentials                                     | 1            |
| Number of levels              | 1                                                                    | No. of clamping points per level                         | 2            |
| Number of potentials per tier | 1                                                                    | Levels cross-connected internally                        | No           |
| PE connection                 | No                                                                   | Rail                                                     | TS 35, TS 32 |
| 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.                                             | 1.5 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. | 1.5 mm <sup>2</sup> |

**Additional technical data**

|                             |         |            |       |
|-----------------------------|---------|------------|-------|
| Number of similar terminals | 1       | Open sides | right |
| Type of mounting            | Snap-on |            |       |

**CSA rating data**

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1575489 | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 30 AWG         |                               |        |

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## Technical data

### Conductors for clamping (rated connection)

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 0.6 x 3.5 mm        | Clamping range, max.                                                                    | 6 mm <sup>2</sup>   |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup> | Clamping screw                                                                          | M 3                 |
| Connection cross-section, stranded, max.                                                | 6 mm <sup>2</sup>   | Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Connection direction                                                                    | on side             | Gauge to IEC 60947-1                                                                    | A3                  |
| Number of connections                                                                   | 2                   | Stripping length                                                                        | 10 mm               |
| Tightening torque, max.                                                                 | 0.8 Nm              | Tightening torque, min.                                                                 | 0.5 Nm              |
| Torque level with DMS electric screwdriver                                              | 2                   | Type of connection                                                                      | Screw connection    |
| Wire connection cross section AWG, max.                                                 | AWG 10              | Wire connection cross section AWG, min.                                                 | AWG 22              |
| Wire connection cross section, finely stranded, max.                                    | 6 mm <sup>2</sup>   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 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, min.                                    | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.                                         | 6 mm <sup>2</sup>   | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

### Dimensions

|              |       |
|--------------|-------|
| TS 35 offset | 25 mm |
|--------------|-------|

### Display element

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

### Fuse terminals

|                                                                                  |                            |                                                                          |                       |
|----------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------|-----------------------|
| Cartridge fuse                                                                   | 6.3 x 32 mm (1/4 x 1 1/4") | Display                                                                  | Red LED               |
| Fuse holder (cartridge holder)                                                   | Pivoting                   | Operating voltage, max.                                                  | 70 V                  |
| Power loss for overload and short-circuit protection for a composite arrangement | 1.6 W at 1.0 A @ 41°C      | Power loss for short-circuit protection only for a composite arrangement | 2.5 W at 2.5 A @ 68°C |
| Power loss for short-circuit protection only for an individual arrangement       | 4.0 W at 10 A @ 55°C       | Type of voltage for indicator                                            | AC/DC                 |

### Rating data

|                                              |                   |                                 |               |
|----------------------------------------------|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 70 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 | 1 mΩ              | Rated impulse withstand voltage | 6 V           |

### UL rating data

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 30 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 30 AWG |                                            |        |

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## Technical data

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000899    | ETIM 4.0   | EC000899    |
| ETIM 5.0   | EC000899    | ETIM 6.0   | EC000899    |
| UNSPSC     | 30-21-18-11 | 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 |            |             |

### Approvals

Approvals



ROHS

Conform

### Downloads

|                                             |                                                                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CB Testreport</a><br><a href="#">CB Certificate</a><br><a href="#">DE_PT1003_20160418_946_ISSUE01.pdf</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="#">StorageConditionsTerminalBlocks</a>                                                                       |

### Safety note

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