

**W-Series**  
**WSI 25/1 10X38/LED 690V**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
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 25/1 10X38/LED 690V                                                |
| Order No.  | <a href="#">1966060000</a>                                             |
| Version    | W-Series, Fuse terminal, Rated cross-section: 25 mm², Screw connection |
| GTIN (EAN) | 4032248658114                                                          |
| Qty.       | 12 pc(s).                                                              |

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

|        |       |                 |            |
|--------|-------|-----------------|------------|
| Width  | 18 mm | Width (inches)  | 0.709 inch |
| Height | 81 mm | Height (inches) | 3.189 inch |
| Depth  | 58 mm | Depth (inches)  | 2.283 inch |
| Weight | 65 g  | Net weight      | 51.333 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                  | PA 66/6 | Colour | dark beige |
| UL 94 flammability rating | V-0     |        |            |

**System specifications**

|                                     |                                                             |                               |     |
|-------------------------------------|-------------------------------------------------------------|-------------------------------|-----|
| Version                             | Screw connection, Fuse cartridge, with LED, in closed state | 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  |

**Additional technical data**

|            |        |                  |         |
|------------|--------|------------------|---------|
| Open sides | closed | Type of mounting | Snap-on |
|------------|--------|------------------|---------|

**CSA rating data**

|                               |                |                               |       |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA)         | 238018-1868186 | Wire cross section max. (CSA) | 3 AWG |
| Wire cross section min. (CSA) | 18 AWG         |                               |       |

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

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Clamping range, max.                                                                    | 25 mm <sup>2</sup>  | Clamping range, min.                                                                    | 1.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.                                                | 25 mm <sup>2</sup>  | Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Connection direction                                                                    | on side             | Number of connections                                                                   | 2                   |
| Stripping length                                                                        | 11 mm               | Tightening torque, max.                                                                 | 2.5 Nm              |
| Tightening torque, min.                                                                 | 2 Nm                | Type of connection                                                                      | Screw connection    |
| Wire connection cross section AWG, max.                                                 | AWG 4               | Wire connection cross section AWG, min.                                                 | AWG 18              |
| Wire connection cross section, finely stranded, max.                                    | 25 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 25 mm <sup>2</sup>  |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 1.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 25 mm <sup>2</sup>  |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 1.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded, min.                                    | 1.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.                                         | 25 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.                                         | 1.5 mm <sup>2</sup> |

**Dimensions**

|              |         |
|--------------|---------|
| TS 35 offset | 40.5 mm |
|--------------|---------|

**Fuse terminals**

|                |                                       |
|----------------|---------------------------------------|
| Cartridge fuse | max. 3W for gG/gL max.<br>1.2W for aM |
|----------------|---------------------------------------|

**Rating data**

|                                              |                    |                                             |               |
|----------------------------------------------|--------------------|---------------------------------------------|---------------|
| Rated cross-section                          | 25 mm <sup>2</sup> | Rated voltage                               | 690 V         |
| Rated voltage to adjoining terminal          | 690 V              | Rated current                               | 32 A          |
| Current at maximum wires                     | 32 A               | Standards                                   | IEC 60947-7-3 |
| Volume resistance according to IEC 60947-7-x | 0.32 mΩ            | Power loss in accordance with IEC 60947-7-x | 3.23 W        |
| Rated impulse withstand voltage              | 6 kV               | Pollution severity                          | 3             |

**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     | 30-21-18-01 |

**Approvals**

Approvals



ROHS

Conform

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## Technical data

### Downloads

|                                             |                                                                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">DE_PT1003_20160419_015_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="#">StorageConditionsTerminalBlocks</a>                                                                                              |

### Safety note

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

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## Drawings

