

**W-Series**  
**WSI 6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

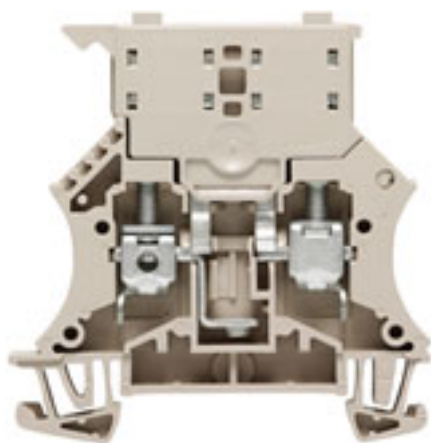
D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com



The fuse terminals of the Weidmüller W Series are available in two different forms:

- Fuse terminal with pivoting retaining lever
- Fuse terminal with plug-in SIHA fuse holder

**General ordering data**

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Type       | WSI 6                                                                              |
| Order No.  | <a href="#">1011000000</a>                                                         |
| Version    | W-Series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4008190105624                                                                      |
| Qty.       | 50 pc(s).                                                                          |

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

|        |        |                          |         |
|--------|--------|--------------------------|---------|
| Length | 60 mm  | Width                    | 7.9 mm  |
| Height | 61 mm  | Height of lowest version | 62 mm   |
| Weight | 19.4 g | Net weight               | 18.36 g |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature            |        | Storage temperature              |        |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

**Additional technical data**

|                          |                                                                                            |                             |         |
|--------------------------|--------------------------------------------------------------------------------------------|-----------------------------|---------|
| Explosion-tested version | No                                                                                         | Number of similar terminals | 1       |
| Open sides               | right                                                                                      | Type of mounting            | Snap-on |
| Version                  | Screw connection, Fuse isolator, for screwable cross-connection, One end without connector |                             |         |

**CSA ratings data**

|                               |                |                               |       |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA)         | 200039-1057876 | Voltage size C (CSA)          | 600 V |
| Current size C (CSA)          | 10 A           | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 20 AWG         |                               |       |

**Clampable wires (additional connection)**

|                                                                                             |                     |                                                                                             |                   |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 6 mm <sup>2</sup> |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|

**Clampable wires (rated connection)**

|                                                                                                                                       |                     |                                                                                                                               |                     |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Type of connection                                                                                                                    | Screw connection    | Stripping length                                                                                                              | 12 mm               |
| Blade size                                                                                                                            | 4.0 x 0.8 mm        | Connection direction                                                                                                          | on side             |
| Number of connections                                                                                                                 | 2                   | Clamping range, rated connection, min.                                                                                        | 0.5 mm <sup>2</sup> |
| Clamping range, rated connection, max.                                                                                                | 10 mm <sup>2</sup>  | Clamping screw                                                                                                                | M 3.5               |
| Tightening torque, min.                                                                                                               | 0.8 Nm              | Tightening torque, max.                                                                                                       | 1.6 Nm              |
| Torque level with DMS electric screwdriver                                                                                            | 3                   | Gauge to IEC 60947-1                                                                                                          | A5                  |
| Wire connection cross section, solid core, max. rated connection                                                                      | 0.5 mm <sup>2</sup> | Wire connection cross section, solid core max. rated connection                                                               | 10 mm <sup>2</sup>  |
| Wire connection cross section, stranded, rated connection, min.                                                                       | 1.5 mm <sup>2</sup> | Wire connection cross section, stranded, rated connection, max.                                                               | 10 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded, max.                                                                                  | 10 mm <sup>2</sup>  | Wire connection cross-section, finely stranded, min.                                                                          | 0.5 mm <sup>2</sup> |
| 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>   |
| 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> | 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 AWG, min.                                                                                               | AWG 20              | Wire connection cross section AWG, max.                                                                                       | AWG 8               |

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**Technical data**
**Rated data**

|                                 |                   |                                     |               |
|---------------------------------|-------------------|-------------------------------------|---------------|
| Rated cross-section             | 6 mm <sup>2</sup> | Rated voltage to adjoining terminal | 500 V         |
| Rated impulse withstand voltage | 6 kV              | Rated current                       | 6.3 A         |
| Current at maximum wires        | 6.3 A             | Standards                           | IEC 60947-7-3 |
| Pollution severity              | 3                 |                                     |               |

**UL ratings data**

|                                         |                 |                                         |       |
|-----------------------------------------|-----------------|-----------------------------------------|-------|
| Certificate No. (UR)                    | E60693VOL1SEC38 | Voltage size C (UR)                     | 600 V |
| Current size C (UR)                     | 9.5 A           | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 20 AWG          | Conductor size Field wiring max. (UR)   | 8 AWG |

**Material data**

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0   |        |            |

**System specifications**

|                                   |          |                                  |                  |
|-----------------------------------|----------|----------------------------------|------------------|
| Product family                    | W-Series | Type of connection               | Screw connection |
| Connection direction              | on side  | Number of levels                 | 1                |
| Number of connections             | 2        | No. of clamping points per level | 2                |
| Levels cross-connected internally | No       | Mounting rail                    | TS 35            |
| End cover plate required          | Yes      |                                  |                  |

**Display element**

|                                     |       |                               |       |
|-------------------------------------|-------|-------------------------------|-------|
| Operating voltage for display, max. | 500 V | Type of voltage for indicator | AC/DC |
|-------------------------------------|-------|-------------------------------|-------|

**Fuse terminals**

|                                |              |                         |             |
|--------------------------------|--------------|-------------------------|-------------|
| Cartridge fuse                 | G-Si. 5 x 20 | Display                 | Without LED |
| Fuse holder (cartridge holder) | Pivoting     | Operating voltage, max. | 500 V       |
| Type of voltage for indicator  | AC/DC        |                         |             |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000899    | ETIM 3.0   | EC000899    |
| UNSPSC     | 30-21-18-11 | eClass 4.1 | 27-14-11-16 |
| eClass 5.1 | 27-14-11-16 | eClass 6.2 | 27-14-11-16 |
| eClass 7.1 | 27-14-11-16 |            |             |

**Product information**

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| Descriptive text ordering data | Max. power loss (1.6 W) at the cartridge fuse limits the rated current. |
| Descriptive text accessories   | Markers only fit on one side.                                           |
| Product description            | 400V                                                                    |

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Approvals



ROHS

Conform

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**Drawings**

