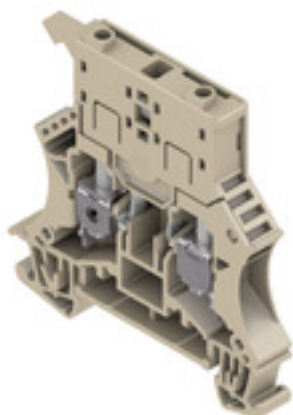


**WSI 6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

**General ordering data**

|            |                                                                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Fuse terminal, Screw connection, dark beige, 6 mm <sup>2</sup> , 6.3 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid, G-Si. 5 x 20 |
| Order No.  | <a href="#">1011000000</a>                                                                                                                                    |
| Type       | WSI 6                                                                                                                                                         |
| GTIN (EAN) | 4008190105624                                                                                                                                                 |
| Qty.       | 50 pièce(s)                                                                                                                                                   |

## WSI 6

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

## Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 61 mm      | Depth (inches) | 2,402 inch |
| Depth including DIN rail | 62 mm      | Height         | 60 mm      |
| Height (inches)          | 2,362 inch | Width          | 7,9 mm     |
| Width (inches)           | 0,311 inch | Net weight     | 18,36 g    |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| 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, Fuse isolator, for screwable cross-connection, One end 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 stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 2,5 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, two clampable wires, min.                                  | 0,5 mm <sup>2</sup> | Wire cross-section, finely stranded, two 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 | Current size C (CSA)          | 10 A  |
| Voltage size C (CSA)          | 600 V          | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 20 AWG         |                               |       |

## Conductors for clamping (additional connection)

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

## Conductors for clamping (rated connection)

|            |              |
|------------|--------------|
| Blade size | 0.8 x 4.0 mm |
|------------|--------------|

## WSI 6

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

|                                                      |                                        |                              |                       |        |
|------------------------------------------------------|----------------------------------------|------------------------------|-----------------------|--------|
| Clampable conductor                                  | Connection specification               |                              | Screw connection      |        |
|                                                      | Cross-section for conductor connection | Type                         | solid, H05(07) V-U    |        |
|                                                      |                                        | min.                         | 0,5 mm <sup>2</sup>   |        |
|                                                      |                                        | max.                         | 10 mm <sup>2</sup>    |        |
|                                                      |                                        | nominal                      | 6 mm <sup>2</sup>     |        |
|                                                      | wire end ferrule                       | Stripping length             | min.                  | 12 mm  |
|                                                      |                                        |                              | max.                  | 12 mm  |
|                                                      |                                        |                              | nominal               | 12 mm  |
|                                                      |                                        | Tightening torque            | min.                  | 0,8 Nm |
|                                                      |                                        |                              | max.                  | 1,6 Nm |
|                                                      |                                        | Recommended wire-end ferrule |                       |        |
|                                                      | Connection specification               |                              | Screw connection      |        |
|                                                      | Cross-section for conductor connection | Type                         | stranded, H07V-R      |        |
|                                                      |                                        | min.                         | 1,5 mm <sup>2</sup>   |        |
|                                                      |                                        | max.                         | 10 mm <sup>2</sup>    |        |
|                                                      |                                        | nominal                      | 6 mm <sup>2</sup>     |        |
|                                                      | wire end ferrule                       | Stripping length             | min.                  | 12 mm  |
|                                                      |                                        |                              | max.                  | 12 mm  |
|                                                      |                                        |                              | nominal               | 12 mm  |
|                                                      |                                        | Tightening torque            | min.                  | 0,8 Nm |
|                                                      |                                        |                              | max.                  | 1,6 Nm |
|                                                      |                                        | Recommended wire-end ferrule |                       |        |
|                                                      | Connection specification               |                              | Screw connection      |        |
|                                                      | Cross-section for conductor connection | Type                         | flexible, H05(07) V-K |        |
|                                                      |                                        | min.                         | 0,5 mm <sup>2</sup>   |        |
|                                                      |                                        | max.                         | 10 mm <sup>2</sup>    |        |
| nominal                                              |                                        | 6 mm <sup>2</sup>            |                       |        |
| wire end ferrule                                     | Stripping length                       | min.                         | 12 mm                 |        |
|                                                      |                                        | max.                         | 12 mm                 |        |
|                                                      |                                        | nominal                      | 12 mm                 |        |
|                                                      | Tightening torque                      | min.                         | 0,8 Nm                |        |
|                                                      |                                        | max.                         | 1,6 Nm                |        |
|                                                      | Recommended wire-end ferrule           |                              |                       |        |
| 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                            |                       |        |
| Stripping length                                     |                                        | 12 mm                        |                       |        |
| Tightening torque, max.                              |                                        | 1,6 Nm                       |                       |        |
| Tightening torque, min.                              |                                        | 0,8 Nm                       |                       |        |
| Torque level with DMS electric screwdriver           |                                        | 3                            |                       |        |
| Type of connection                                   |                                        | Screw connection             |                       |        |
| Type of connection 2                                 |                                        | 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>           |                       |        |

Date de création 26 novembre 2024 13:09:33 CET

## WSI 6

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 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, 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, 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. 5 x 20 | Display                 | Without LED |
| Fuse holder (cartridge holder) | Pivoting     | Operating voltage, max. | 250 V       |
| Type of voltage for indicator  | AC/DC        |                         |             |

## General

|                                         |       |                                         |                              |
|-----------------------------------------|-------|-----------------------------------------|------------------------------|
| Rail                                    | TS 35 | Standards                               | IEC 60947-7-3, IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 20                       |

## Rating data

|                                     |                              |                                              |         |
|-------------------------------------|------------------------------|----------------------------------------------|---------|
| Rated cross-section                 | 6 mm <sup>2</sup>            | Rated voltage                                | 500 V   |
| Rated voltage to adjoining terminal | 500 V                        | Rated DC voltage                             | 500 V   |
| Rated current                       | 6,3 A                        | Current at maximum wires                     | 6,3 A   |
| Standards                           | IEC 60947-7-3, IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0,78 mΩ |
| Rated impulse withstand voltage     | 6 kV                         | 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 | Current size C (UR)                     | 9.5 A |
| Voltage size C (UR)                     | 600 V  |                                         |       |

## WSI 6

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | EC000899    |
| ETIM 8.0    | EC000899    | ETIM 9.0    | EC000899    |
| ECLASS 9.0  | 27-14-11-16 | ECLASS 9.1  | 27-14-11-16 |
| ECLASS 10.0 | 27-14-11-16 | ECLASS 11.0 | 27-14-11-16 |
| ECLASS 12.0 | 27-14-11-16 | ECLASS 13.0 | 27-25-01-13 |
| ECLASS 14.0 | 27-25-01-13 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Important note

|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |
|---------------------|----------------------------------------------------------------------------------|

## Approvals

Approvals



|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E60693     |

## Downloads

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CB Testreport</a><br><a href="#">CB Certificate</a><br><a href="#">CB Test certificate</a><br><a href="#">Lloyds Register Certificate</a><br><a href="#">POLSKIREJ certificate</a><br><a href="#">DNV Certificate</a><br><a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a><br><a href="#">Confirmation of Standards EN 45545-2_2020-10</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                                                                                                                                                                                                                                                                     |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a><br><a href="#">Marking options on WSI 6 terminal blocks</a>                                                                                                                                                                                                                                                                                         |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                                                                                                                                                                                            |
| Brochures                                   |                                                                                                                                                                                                                                                                                                                                                                                                     |

### WSI 6

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Dessins

