

## WSI 25/2 CC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Product image



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload —ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

## General ordering data

|            |   |
|------------|---|
| Version    | Fuse terminal, Screw connection, dark beige, 25 mm <sup>2</sup> , 32 A, 690 V, Number of connections: 4, Number of levels: 1, TS 35 |
| Order No.  | <a href="#">1966040000</a>  |
| Type       | WSI 25/2 CC   |
| GTIN (EAN) | 4032248657780   |
| Qty.       | 6 items   |

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E175322

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 58 mm   | Depth (inches)  | 2.2835 inch |
| Height     | 81 mm   | Height (inches) | 3.189 inch  |
| Width      | 36 mm   | Width (inches)  | 1.4173 inch |
| Net weight | 90.49 g |                 |             |

## Temperatures

|                                  |                |                                  |                |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -50 °C...75 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C         |

## Environmental Product Compliance

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

## Material data

|                           |         |        |            |
|---------------------------|---------|--------|------------|
| Basic material            | PA 66/6 | Colour | dark beige |
| UL 94 flammability rating | V-0     |        |            |

## System specifications

|                                     |   |                               |     |
|-------------------------------------|---|-------------------------------|-----|
| Version                             | Screw connection, Fuse cartridge, 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  |
| Mounting 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

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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**Technical data**

**Conductors for clamping (rated connection)**

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

|                     |  |                    |                          |        |
|---------------------|--|--------------------|--------------------------|--------|
| Clampable conductor | Connection specification               |                    | Screw connection         |        |
|                     | Cross-section for conductor connection | Type               | solid, H05(07) V-U       |        |
|                     |  | min.               | 1.5 mm <sup>2</sup>      |        |
|                     |  | max.               | 25 mm <sup>2</sup>       |        |
|                     |  | nominal            | 25 mm <sup>2</sup>       |        |
|                     | wire end ferrule                       | Stripping length   | min.                     | 11 mm  |
|                     |  |                    | max.                     | 11 mm  |
|                     |  |                    | nominal                  | 11 mm  |
|                     |  | Tightening torque  | min.                     | 2 Nm   |
|                     |  |                    | max.                     | 2.5 Nm |
|                     |  |                    | Connection specification |        |
|                     | Cross-section for conductor connection | Type               | stranded, H07V-R         |        |
|                     |  | min.               | 1.5 mm <sup>2</sup>      |        |
|                     |  | max.               | 25 mm <sup>2</sup>       |        |
| nominal             |  | 25 mm <sup>2</sup> |                          |        |
| wire end ferrule    | Stripping length                       | min.               | 11 mm                    |        |
|                     |  | max.               | 11 mm                    |        |
|                     |  | nominal            | 11 mm                    |        |
|                     | Tightening torque                      | min.               | 2 Nm                     |        |
|                     |  | max.               | 2.5 Nm                   |        |

**Technical data**

| Connection specification               |                   | Screw connection      |        |
|--|-------------------|-----------------------|--------|
| Cross-section for conductor connection | Type              | flexible, H05(07) V-K |        |
|  | min.              | 1.5 mm <sup>2</sup>   |        |
|  | max.              | 25 mm <sup>2</sup>    |        |
|  | nominal           | 25 mm <sup>2</sup>    |        |
| wire end ferrule                       | Stripping length  | min.                  | 11 mm  |
|  |                   | max.                  | 11 mm  |
|  |                   | nominal               | 11 mm  |
|  | Tightening torque | min.                  | 2 Nm   |
|  |                   | max.                  | 2.5 Nm |

**Dimensions**

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

**Fuse terminals**

|   |                                    |                                      |          |
|---|------------------------------------|--------------------------------------|----------|
| Cartridge fuse  | max. 3W for gG/gL max. 1.2W for aM | Fuse holder (cartridge holder)       | Pivoting |
| Type of voltage for indicator                               | AC/DC                              | Power loss, 1-pole ; 2-pole ; 3-pole |          |
| Permitted power loss for fuse with semiconductor protection |                                    |                                      |          |

**General**

|   |               |   |        |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 4         | Wire connection cross section AWG, min. | AWG 18 |
| Standards                               | IEC 60947-7-3 | Mounting rail                           | TS 35  |

**Rating data**

|                                     |                    |  |         |
|-------------------------------------|--------------------|--|---------|
| Rated cross-section                 | 25 mm <sup>2</sup> | Rated voltage                                | 690 V   |
| Rated voltage to adjoining terminal | 690 V              | Rated DC voltage                             | 690 V   |
| Nominal 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 |
| Rated impulse withstand voltage     | 6 kV               | Power loss in accordance with IEC 60947-7-x  | 3.23 W  |
| Pollution severity                  | 3                  |  |         |

**Important note**

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

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000899    | ETIM 9.0    | EC000899    |
| ETIM 10.0   | EC000899    | ECLASS 14.0 | 27-25-01-13 |
| ECLASS 15.0 | 27-25-01-13 |             |             |

**Drawings**

