

WSI 25/2 CC/LED

Weidmüller Interface GmbH & 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 ² , 32 A, 690 V, Number of connections: 4, Number of levels: 1, TS 35 |
| Order No. | 1444210000 |
| Type | WSI 25/2 CC/LED |
| GTIN (EAN) | 4050118249293 |
| Qty. | 6 items |

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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 | 91.52 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

| | | | |
|-------------------------------|----|-------------------------------------|-------|
| End cover plate required | No | 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

| | |
|------------------|---------|
| 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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Conductors for clamping (rated connection)

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

| | | | | |
|--|--|--------------------------|--------------------------|------------------|
| Clampable conductor | Connection specification | | Screw connection | |
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | |
| | | min. | 1.5 mm ² | |
| | | max. | 25 mm ² | |
| | | nominal | 25 mm ² | |
| | 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 ² | | |
| max. | | 25 mm ² | | |
| nominal | | 25 mm ² | | |
| 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 | | Screw connection |
| Cross-section for conductor connection | Type | flexible, H05(07) V-K | | |
| | min. | 1.5 mm ² | | |

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Technical data

| | | | |
|------------------|-------------------|--------------------|-------|
| wire end ferrule | max. | 25 mm ² | |
| | nominal | 25 mm ² | |
| | Stripping length | min. | 11 mm |
| | | max. | 11 mm |
| | | nominal | 11 mm |
| | Tightening torque | min. | 2 Nm |
| max. | | 2.5 Nm | |

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 ² | 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 | | |

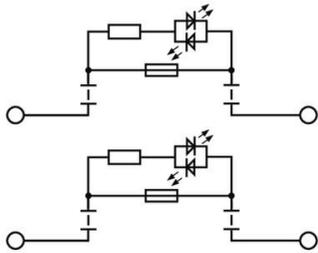
Important note

| | |
|---------------------|--|
| 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



WSI 25/2 CC/LED

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Klingenbergstraße 26

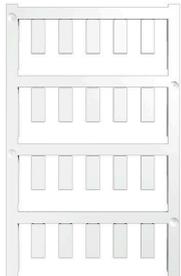
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Accessories

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | ESG 6/15 K MC NE WS | Version | |
| Order No. | 1880100000 | ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive | |
| GTIN (EAN) | 4032248478781 | | |
| Qty. | 200 ST | | |

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

| | | | |
|------------|----------------------------|----------------------------|--|
| Type | BZT 1 WS 10/5 | Version | |
| Order No. | 1805490000 | Accessories, Marker holder | |
| GTIN (EAN) | 4032248270231 | | |
| Qty. | 100 ST | | |
| Type | BZT 1 ZA WS 10/5 | Version | |
| Order No. | 1805520000 | Accessories, Marker holder | |
| GTIN (EAN) | 4032248270248 | | |
| Qty. | 100 ST | | |

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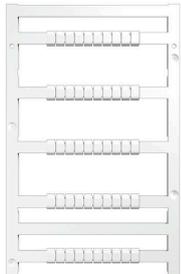
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Accessories

Blank



MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

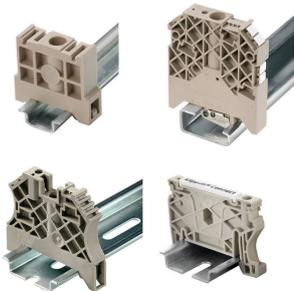
- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | MF 5/12 MC NE WS | Version | |
| Order No. | 1250090000 | MultiFit, Terminal marker, 5 x 12 mm, Pitch in mm (P): 5.00 Phoenix, | |
| GTIN (EAN) | 4050118040463 | white | |
| Qty. | 250 ST | | |

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | ZST 1 | Version | |
| Order No. | 1269070000 | Accessories, Accessories holder | |
| GTIN (EAN) | 4050118094091 | | |
| Qty. | 25 ST | | |
| Type | WEW 35/2 | Version | |
| Order No. | 1061200000 | End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C | |
| GTIN (EAN) | 4008190030230 | | |
| Qty. | 50 ST | | |
| Type | WEW 35/2 GR | Version | |
| Order No. | 1859200000 | End bracket, grey, TS 35, V-2, Wemid, Width: 8 mm, 100 °C | |
| GTIN (EAN) | 4032248411658 | | |
| Qty. | 50 ST | | |
| Type | WEW 35/2 SW | Version | |
| Order No. | 1061210000 | End bracket, black, TS 35, V-2, Wemid, Width: 8 mm, 100 °C | |
| GTIN (EAN) | 4032248136278 | | |
| Qty. | 50 ST | | |

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Accessories

| | | | |
|------------|----------------------------|---------|--|
| Type | WEW 35/2 V0 GF SW | Version | |
| Order No. | 1479000000 | | End bracket, black, TS 35, V-0, Wemid, Width: 8 mm, 130 °C |
| GTIN (EAN) | 4050118286779 | | |
| Qty. | 50 ST | | |