

**WSI 25/1 10X38/LED 690V****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, 25 mm <sup>2</sup> , 32 A, 690 V, Number of connections: 2, Number of levels: 1, TS 35 |
| Order No.  | <a href="#">1966060000</a>                                                                                                          |
| Type       | WSI 25/1 10X38/LED 690V                                                                                                             |
| GTIN (EAN) | 4032248658114                                                                                                                       |
| Qty.       | 12 pc(s).                                                                                                                           |

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 58 mm    | Depth (inches)  | 2.283 inch |
| Height     | 81 mm    | Height (inches) | 3.189 inch |
| Width      | 18 mm    | Width (inches)  | 0.709 inch |
| Net weight | 51.333 g |                 |            |

## Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °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  |

## 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

|                                                                           |                      |                                                                |                    |
|---------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|--------------------|
| Wire connection cross section, finely stranded, two clampable wires, min. | 0.75 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max. | 10 mm <sup>2</sup> |
|---------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|--------------------|

## 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         |                               |       |

## Conductors for clamping (additional connection)

|                                        |                  |
|----------------------------------------|------------------|
| Connection type, additional connection | Screw connection |
|----------------------------------------|------------------|

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## Conductors for clamping (rated connection)

|                                                      |                                        |                              |                       |                  |  |
|------------------------------------------------------|----------------------------------------|------------------------------|-----------------------|------------------|--|
| 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           |  |
|                                                      |                                        | 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.                         | 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           |  |
|                                                      |                                        | Recommended wire-end ferrule |                       |                  |  |
|                                                      |                                        | 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                |                  |  |
|                                                      | Recommended wire-end ferrule           |                              |                       |                  |  |
|                                                      | 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             |                       |                  |  |
| Type of connection 2                                 |                                        | 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, min. |                                        | 1.5 mm <sup>2</sup>          |                       |                  |  |

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## Technical data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 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, 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 |
|--------------|---------|

## Display element

|                               |       |
|-------------------------------|-------|
| Type of voltage for indicator | AC/DC |
|-------------------------------|-------|

## Fuse terminals

|                               |                                       |                                |          |
|-------------------------------|---------------------------------------|--------------------------------|----------|
| Cartridge fuse                | max. 3W for gG/gL max.<br>1.2W for aM | Fuse holder (cartridge holder) | Pivoting |
| Type of voltage for indicator | AC/DC                                 |                                |          |

## General

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

## 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   |
| 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 |
| Rated impulse withstand voltage     | 6 kV               | Power loss in accordance with IEC 60947-7-x  | 3.23 W  |
| Pollution severity                  | 3                  | Surge voltage category                       | III     |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000899    | ETIM 7.0    | EC000899    |
| ETIM 8.0    | EC000899    | ETIM 9.0    | EC000899    |
| ETIM 10.0   | 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 |
| ECLASS 15.0 | 27-25-01-13 |             |             |

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## Technical data

## 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



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E175322    |

## Downloads

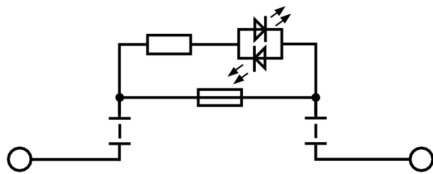
|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                                |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                       |
| Brochures                                   |                                                                                                |

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# Drawings

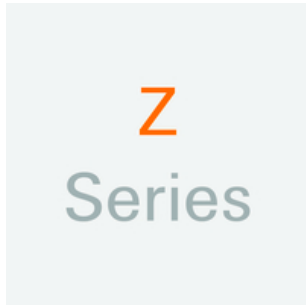


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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Z-Series**

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.  | <a href="#">1269070000</a> | Accessories, Accessories holder |
| GTIN (EAN) | 4050118094091              |                                 |
| Qty.       | 25 pc(s).                  |                                 |

**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.  | <a href="#">1805490000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231              |                            |
| Qty.       | 100 pc(s).                 |                            |

|            |                            |                            |
|------------|----------------------------|----------------------------|
| Type       | BZT 1 ZA WS 10/5           | Version                    |
| Order No.  | <a href="#">1805520000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248              |                            |
| Qty.       | 100 pc(s).                 |                            |

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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.  | <a href="#">1880100000</a> | ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive |
| GTIN (EAN) | 4032248478781              |                                                                  |
| Qty.       | 200 pc(s).                 |                                                                  |



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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.  | <a href="#">1250090000</a> | MultiFit, Terminal marker, 5 x 12 mm, Pitch in mm (P): 5.00 Phoenix, |  |
| GTIN (EAN) | 4050118040463              | white                                                                |  |
| Qty.       | 250 pc(s).                 |                                                                      |  |

## W-Series



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       | WEW 35/2                   | Version                                                        |  |
|------------|----------------------------|----------------------------------------------------------------|--|
| Order No.  | <a href="#">1061200000</a> | End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C |  |
| GTIN (EAN) | 4008190030230              |                                                                |  |
| Qty.       | 50 pc(s).                  |                                                                |  |
| Type       | WEW 35/2 GR                | Version                                                        |  |
| Order No.  | <a href="#">1859200000</a> | End bracket, grey, TS 35, V-2, Wemid, Width: 8 mm, 100 °C      |  |
| GTIN (EAN) | 4032248411658              |                                                                |  |
| Qty.       | 50 pc(s).                  |                                                                |  |
| Type       | WEW 35/2 SW                | Version                                                        |  |
| Order No.  | <a href="#">1061210000</a> | End bracket, black, TS 35, V-2, Wemid, Width: 8 mm, 100 °C     |  |
| GTIN (EAN) | 4032248136278              |                                                                |  |
| Qty.       | 50 pc(s).                  |                                                                |  |

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|            |                            |                                                            |
|------------|----------------------------|------------------------------------------------------------|
| Type       | WEW 35/2 V0 GF SW          | Version                                                    |
| Order No.  | <a href="#">1479000000</a> | End bracket, black, TS 35, V-0, Wemid, Width: 8 mm, 130 °C |
| GTIN (EAN) | 4050118286779              |                                                            |
| Qty.       | 50 pc(s).                  |                                                            |