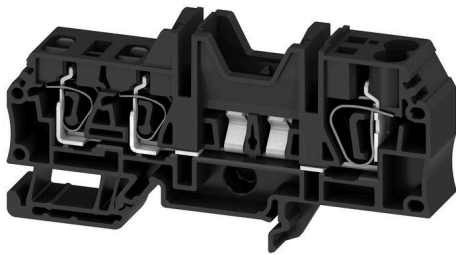


**ZSI 2X6/4X2.5 ETA****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.weidmueller.com)

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         | Z-series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Tension-clamp connection |
| Order No.       | <a href="#">1135050000</a>                                                                 |
| Type            | ZSI 2X6/4X2.5 ETA                                                                          |
| GTIN (EAN)      | 4032248947461                                                                              |
| Qty.            | 100 items                                                                                  |
| Delivery status | Discontinued                                                                               |
| Last order date | 2025-12-31T00:00:00+01:00                                                                  |

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Depth      | 47 mm  | Depth (inches)  | 1.8504 inch |
| Height     | 93 mm  | Height (inches) | 3.6614 inch |
| Width      | 16 mm  | Width (inches)  | 0.6299 inch |
| Net weight | 34.3 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            | Wemid | Colour | black |
| UL 94 flammability rating | V-0   |        |       |

## System specifications

|                                     |                                                                                               |                               |     |
|-------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|-----|
| Version                             | Tension-clamp connection, Without LED, for plug-in cross-connector, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 1                                                                                             | Number of levels              | 1   |
| Number of clamping points per level | 3                                                                                             | 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 |
|------------------|---------|

## Conductors for clamping (additional connection)

|                                                                                                |                     |                                                                                                |                     |
|------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------|---------------------|
| Connection direction additional connection                                                     | top                 | Clamping range, further connection, max.                                                       | 4 mm <sup>2</sup>   |
| Clamping range, further connection, min.                                                       | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible with plastic collar (DIN 46228/1) (further connection), max. | 2.5 mm <sup>2</sup> |
| Conductor cross-section, flexible with plastic collar (DIN 46228/1) (further connection), min. | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible, further 0.5 mm <sup>2</sup> connection, min.                |                     |
| Number of connections, additional connection                                                   | 4                   | Rated cross-section, further connection                                                        | 2.5 mm <sup>2</sup> |

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**Technical data**

|                                                                           |                          |                                                                           |                   |
|---------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------|-------------------|
| Blade size, additional connection                                         | 0.6 x 3.5 mm             | Cross-section for connected wire, AWG, AWG 26 additional connection, min. |                   |
| Cross-section for connected wire, solid-core, further connection, min.    | 0.5 mm <sup>2</sup>      | Cross-section for connected wire, solid-core, further connection, max.    | 4 mm <sup>2</sup> |
| Connection type, additional connection                                    | Tension-clamp connection | Cross-section for connected wire, flexible, further connection, max.      | 4 mm <sup>2</sup> |
| Cross-section for connected wire, AWG, AWG 12 additional connection, max. |                          | Stripping length, additional connection                                   | 10 mm             |

**Conductors for clamping (rated connection)**

|                                                                                         |                          |                                                                                         |                          |
|-----------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------|--------------------------|
| Gauge to IEC 60947-1                                                                    | A5                       | Wire connection cross section AWG, max.                                                 | AWG 8                    |
| Connection direction                                                                    | top                      | Stripping length                                                                        | 10 mm                    |
| Type of connection 2                                                                    | Tension-clamp connection | Type of connection                                                                      | Tension-clamp connection |
| Number of connections                                                                   | 2                        | Clamping range, max.                                                                    | 10 mm <sup>2</sup>       |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup>      | Blade size                                                                              | 0.8 x 4.0 mm             |
| Wire connection cross section AWG, min.                                                 | AWG 22                   | 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, 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, max.                                    | 6 mm <sup>2</sup>        |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>      | Connection cross-section, stranded, max.                                                | 6 mm <sup>2</sup>        |
| Connection cross-section, stranded, 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>      | Connection cross-section, finely stranded (rated connection), min.                      | 0.5 mm <sup>2</sup>      |

**Fuse terminals**

|                               |              |                                |          |
|-------------------------------|--------------|--------------------------------|----------|
| Cartridge fuse                | G-Si. 5 x 20 | Fuse holder (cartridge holder) | Pivoting |
| Type of voltage for indicator | AC/DC        | Operating voltage, max.        | 32 V     |

**General**

|                                         |               |                                         |        |
|-----------------------------------------|---------------|-----------------------------------------|--------|
| Wire connection cross section AWG, max. | AWG 8         | Wire connection cross section AWG, min. | AWG 22 |
| Standards                               | IEC 60947-7-3 | Mounting rail                           | TS 35  |

**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   |
| Nominal current                             | 57 A              | Current at maximum wires | 57 A    |
| Standards                                   | IEC 60947-7-3     | Volume resistance        | 0.78 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.31 W            |                          |         |

**Important note**

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

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

