

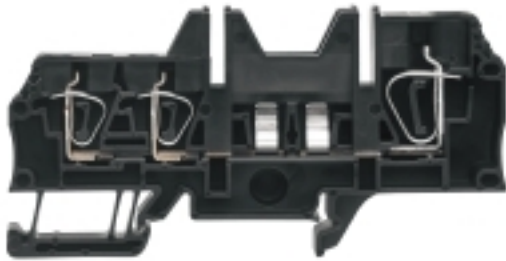
ZSI 2X6/4X2.5 ETA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Similar to illustration

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 | Z-series, Fuse terminal, Rated cross-section: 6 mm ² , Tension-clamp connection |
| Order No. | 1135050000 |
| Type | ZSI 2X6/4X2.5 ETA |
| GTIN (EAN) | 4032248947461 |
| Qty. | 100 pc(s). |

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 47 mm | Depth (inches) | 1.85 inch |
| Height | 93 mm | Height (inches) | 3.661 inch |
| Width | 16 mm | Width (inches) | 0.63 inch |
| Net weight | 39.05 g | | |

Temperatures

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

Material data

| | | | |
|---------------------------|-------|--------|-------|
| 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 |
| 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)

| | | | |
|---|---------------------|---|--------------------------|
| Blade size, additional connection | 0.6 x 3.5 mm | Clamping range, further connection, max. | 4 mm ² |
| Clamping range, further connection, min. | 0.5 mm ² | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm ² |
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm ² | Conductor cross-section, flexible, further connection, min. | 0.5 mm ² |
| Connection direction | top | Connection type, additional connection | Tension-clamp connection |
| Cross-section for connected wire, AWG, additional connection, max. | AWG 12 | Cross-section for connected wire, AWG, additional connection, min. | AWG 26 |
| Cross-section for connected wire, flexible, further connection, max. | 4 mm ² | Cross-section for connected wire, solid-core, further connection, max. | 4 mm ² |
| Cross-section for connected wire, solid-core, further connection, min. | 0.5 mm ² | Number of connections, additional connection | 4 |
| Rated cross-section, further connection | 2.5 mm ² | Stripping length, additional connection | 10 mm |

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Technical data**Conductors for clamping (rated connection)**

| | | | |
|---|---------------------|---|--------------------------|
| Blade size | 0.8 x 4.0 mm | Clamping range, max. | 10 mm ² |
| Clamping range, min. | 0.5 mm ² | Connection cross-section, stranded, max. | 6 mm ² |
| Connection cross-section, stranded, min. | 0.5 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A5 | Number of connections | 2 |
| Stripping length | 10 mm | Type of connection | Tension-clamp connection |
| Wire connection cross section, finely stranded, max. | 6 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 10 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Fuse terminals

| | |
|-------------------------|------|
| Operating voltage, max. | 32 V |
|-------------------------|------|

General

| | |
|------|-------|
| Rail | TS 35 |
|------|-------|

Rating data

| | | | |
|---|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 500 V |
| Rated voltage to adjoining terminal | 500 V | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.31 W | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | 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 |

Important note

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

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Data sheet**ZSI 2X6/4X2.5 ETA**

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Technical data**Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

Data sheet

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Drawings

