

ZIA 1.5/4L-1S**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

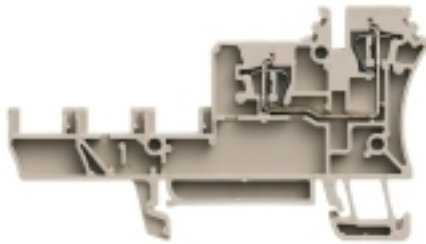
32760 Detmold

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Product image

Klippon[®] Connect helps you reliably achieve a range of applications. Our terminal blocks with tension clamp technology are impressively compact and flexible. They contribute to highly efficient panel construction and improved productivity.

General ordering data

| | |
|------------|---|
| Version | Initiator/actuator terminal, Tension-clamp connection, 1.5 mm ² , Flange-mounted housing |
| Order No. | 1652010000 |
| Type | ZIA 1.5/4L-1S |
| GTIN (EAN) | 4008190401665 |
| Qty. | 100 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 45.5 mm | Depth (inches) | 1.791 inch |
| Depth including DIN rail | 46 mm | Height | 81.5 mm |
| Height (inches) | 3.209 inch | Width | 5.08 mm |
| Width (inches) | 0.2 inch | Net weight | 5.96 g |

Temperatures

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

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|------------------------|-----------------------------------|-------|
| Version | Flange-mounted housing | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No | Open sides | right |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1068678 | Current size B (CSA) | 10 A |
| Current size D (CSA) | 10 A | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Wire cross section max. (CSA) | 14 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

| | |
|---|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 1.5 mm ² |
|---|---------------------|

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Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|--------------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 2.5 mm ² |
| Clamping range, min. | 0.13 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A1 | Number of connections | 2 |
| Stripping length | 7 mm | Twin wire-end ferrules, max. | 0.75 mm ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | Type of connection | Tension-clamp connection |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 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. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Dimensions

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

General

| | | | |
|---|--------|---|----------------------------------|
| Rail | TS 35 | Standards | In accordance with IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26 |

Rating data

| | | | |
|--|---------------------|---------------------------------|----------------------------------|
| Rated cross-section | 1.5 mm ² | Rated voltage | 250 V |
| Rated current | 17.5 A | Standards | In accordance with IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.83 mΩ | Rated impulse withstand voltage | 4 kV |
| Power loss in accordance with IEC 60947-7-x | 0.56 W | Pollution severity | 3 |

UL rating data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 14 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 14 AWG |
| Conductor size Field wiring min. (UR) | 26 AWG | Current size D (UR) | 10 A |
| Voltage size D (UR) | 300 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000900 | ETIM 7.0 | EC000900 |
| ETIM 8.0 | EC000900 | ECLASS 9.0 | 27-14-11-28 |
| ECLASS 9.1 | 27-14-11-28 | ECLASS 10.0 | 27-14-11-28 |
| ECLASS 11.0 | 27-14-11-28 | ECLASS 12.0 | 27-14-11-28 |

Data sheet

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Technical data

Approvals

Approvals



| | |
|-----------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals |
| Engineering Data | CAD data – 22242_ZIA_1.5-4L-1S_DXF.dxf CAD data – STEP |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | Beipackzettel_ZIA.pdf StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

Data sheet

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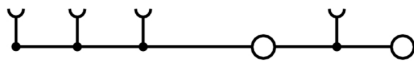
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Drawings



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