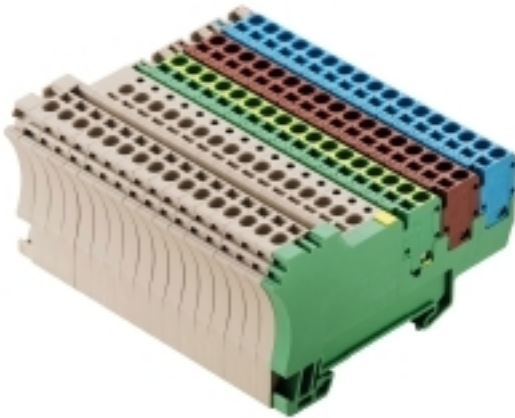


ZIA 1.5/4L-PE/16/KB

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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 , Number of poles: 16 |
| Order No. | 1692680000 |
| Type | ZIA 1.5/4L-PE/16/KB |
| GTIN (EAN) | 4008 190870393 |
| Qty. | 2 Stück |

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Technische Daten

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 | 50.8 mm |
| Width (inches) | 2 inch | Net weight | 190.5 g |

Temperatures

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

Material data

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

System specifications

| | | | |
|-------------------------------|-----|-------------------------------------|-------|
| Number of levels | 2 | Number of clamping points per level | 1 |
| Number of potentials per tier | 4 | Levels cross-connected internally | No |
| PE connection | Yes | Rail | TS 35 |

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 | Connection direction | top |
| Gauge to IEC 60947-1 | A1 | Number of connections | 83 |
| 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

| | | | |
|---|---|---|--------|
| Number of poles | 16 | Rail | TS 35 |
| Standards | In accordance with IEC 60947-7-1, IEC 60947-7-2 | 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, IEC 60947-7-2 |
| 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 |

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Technische Daten

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 UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD, EPLAN |
| User Documentation | Beipackzettel_ZIA.pdf StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

Zeichnungen

