

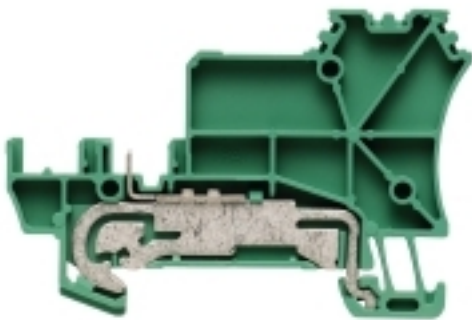
**ZIA 1.5/3L-PE****Weidmüller Interface GmbH & Co. KG**

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, PE terminal, Tension-clamp connection, 1.5 mm <sup>2</sup> , Flange-mounted housing |
| Order No.  | <a href="#">1652000000</a>   |
| Type       | ZIA 1.5/3L-PE  |
| GTIN (EAN) | 4008190401658  |
| Qty.       | 20 Stück   |

Erstellungs-Datum May 30, 2023 2:20:06 PM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

## ZIA 1.5/3L-PE

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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         | 68.5 mm    |
| Height (inches)          | 2.697 inch | Width          | 5.08 mm    |
| Width (inches)           | 0.2 inch   | Net weight     | 8.21 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 | 1                      | Levels cross-connected internally | No    |
| PE connection                       | Yes                    | Rail                              | TS 35 |
| N-function                          | No                     | PE function                       | Yes   |
| PEN function                        | No                     |                                   |       |

### Additional technical data

|                          |       |                     |                 |
|--------------------------|-------|---------------------|-----------------|
| Explosion-tested version | No    | Installation advice | Direct mounting |
| 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 <sup>2</sup> |
|---|---------------------|

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### Conductors for clamping (rated connection)

|   |                      |   |                          |
|---|----------------------|---|--------------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 2.5 mm <sup>2</sup>      |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | 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 <sup>2</sup>     |
| Twin wire-end ferrules, min.  | 0.5 mm <sup>2</sup>  | 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 <sup>2</sup>  | Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 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 with wire-end ferrules DIN 46228/4, max. | 1.5 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, solid core, max.   | 2.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup>      |

### Dimensions

|              |         |
|--------------|---------|
| TS 35 offset | 32.5 mm |
|--------------|---------|

### General

|   |   |   |        |
|---|---|---|--------|
| Installation advice                     | Direct mounting                                 | 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 <sup>2</sup> | 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 | <a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">CE Declaration of Conformity all terminals</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – 22244_ZIA_1.5-3L-PE_DXF.dxf</a><br><a href="#">CAD data – STEP</a>  |
| Engineering Data                            | <a href="#">WSCAD, Zuken E3.S</a>  |
| User Documentation                          | <a href="#">Beipackzettel_ZIA.pdf</a><br><a href="#">StorageConditionsTerminalBlocks</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   |  |

**Datenblatt**

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**Zeichnungen**

