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# MODULAR TERMINALS FOR 3-WIRE AND 4-WIRE DEVICES - ZIZA/ZMP

Modular Tension Spring Terminals - ZIZA, ZMP

3556.2
ZIZA 1.5/4/8/PE, 4 wire, 8 way ZIZA block with earth, Brown, Blue, Green/Yellow



- Modular connector system for 3- and 4-wire actuators
- Material polyamide 6.6
- Temperature resistance -40°C...+120°C
- Fire-resistance class V0
- Ideal for Sensor Power and Signal Grouping

### PRODUCT DESCRIPTION

The ZIZA/ZMP modular terminals are part of CONTA-CLIP's rugged DIN-rail terminal block portfolio, designed to handle both 3-wire and 4-wire actuator configurations. Constructed from high-performance polyamide 6.6, these terminals deliver excellent durability, operating reliably between –40 °C and +120 °C and meeting UL-94 V-0 flammability standards. They support a rated voltage of 400 V and a rated current of 17.5 A under IEC standards, with an impulse withstand voltage of 4 kV, pollution degree 3, and overvoltage category III, emphasising their suitability for industrial-grade control environments. Connection flexibility is also a highlight: they accommodate solid or stranded conductors from 0.5 mm² up to 2.5 mm² (AWG 26–14) with typical stripping lengths of 8 mm. Installation is tidy and efficient via TS 35 DIN-rail mounting, with compact dimensions (e.g., approx. 68.7 mm length and 5.1 mm width for a 3-wire base variant). The design also includes cross-connect channels and is backed by multiple approvals, UL, CSA, GL, cUL, KEMA/KUR, underscoring broad regulatory compatibility.
These modular terminal blocks shine in applications requiring modular, space-efficient wiring inside control cabinets, perfect for actuators, sensors, or small motors. The variety of configurations (e.g., 9-, 10-, 16-, 17-way blocks) often include optional LED status indicators for streamlined diagnostics. Earth- (PE) variants with green/yellow marking provide enhanced grounding integrity. Installation speed is improved via tension-spring connections, which provide secure contact without screws, perfect for faster assembly and maintenance. They also integrate well with accessories like test pick-off ports, pluggable cross-connect (ZQI), and vertical connectors (ZVQI) to simplify wiring logic and potential distribution, features confirmed in the broader CONTA-CONNECT tension-spring range. In practice, engineers can deploy these terminals across panel-based automation, HVAC control, building management systems, and industrial machinery control loops, where dense wiring, reliability, and clear status indication are essential.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 1.5 mm² |
| **Colour** | Combination |
| **Rated voltage IEC** | 400 V |
| **Rated current IEC** | 17.5 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 4 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, GL, CSA US, cUL, KEMA KUR |

## DIMENSIONS

| | |
|---|---|
| **Length** | 82.5 mm |
| **Width** | 51 mm |
| **Height TS 35/7.5** | 40.5 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 5 |
| **Number of levels** | 1 |
| **Plug gauge acc. EN 60 947-1** | A1 |
| **Cross connect channels** | 1 |
| **Number of test pick off options** | 0 |
| **Cross section single wire from** | 0.5 mm² |
| **Cross section single wire to** | 2.5 mm² |
| **Cross section stranded wire from** | 0.5 mm² |
| **Cross section stranded wire to** | 2.5 mm² |
| **Cross section stranded with ferrule from** | 0.5 mm² |
| **Cross section stranded with ferrule to** | 1.5 mm² |
| **Rated wire cross section from (AWG)** | 26 |
| **Rated wire cross section to (AWG)** | 14 |
| **Stripping length** | 8 mm |

## MATERIALS

| | |
|---|---|
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V0 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 120 °C |

## APPROVALS

| | |
|---|---|
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 300 V |
| **Rated current CSA** | 12.5 A |
| **CSA test standard** | C22.2 No 158 |
| **Rated voltage CSAus** | 300 V |
| **Rated current CSAus** | 12.5 A |
| **CSAus test standard** | UL 1059 |
| **cUL test standard** | C22.2 No 158 |
| **GL test standard** | IEC 60947-7-1:2009, IEC 60947-7-2:2009 |

| | |
|---|---|
| **KEMA KEUR test standard** | 60947-7-1:2009, EN 60947-7-2:2009 |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | DE |
| **Weight** | 7.8 g |
| **Pack size** | 5 |