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

Modular Tension Spring Terminals - ZIZA, ZMP

3647.2
ZIZA 1.5/3/E, 3 wire Initiator base terminal with foot - No connections



- 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

Colour	Beige
Mounting	TS 35
Additional information	feed in terminal

DIMENSIONS

Length	68.7 mm
Width	5.1 mm
Height TS 35/7.5	40.5 mm

MATERIALS

Insulation material	Polyamide 6.6

Flammability class	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C

ADDITIONAL DATA

Tariff code	85369010
Country of origin	DE
Weight	4.4 g
Pack size	20