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DISCONNECT TERMINALS - ZTRK 2.5MM²

Tension Spring Disconnect Terminals - ZTRK

3604.3
ZTRK 2,5/3A/MT OG



- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0
- Knife isolation

PRODUCT DESCRIPTION

The ZTRK 2.5 mm² disconnect terminal is a tension-spring based DIN-rail module, ideal for streamlined wiring. It supports up to 2.5 mm² conductors, rated for 400 V / 18 A under IEC standards, with an impulse voltage tolerance of 6 kV and overvoltage category III. With a compact 5.1 mm width, 68 mm length, and 42.3 mm height, it mounts easily on TS 35/7.5 rails. Constructed in flame-retardant beige polyamide and backed by CSA, CSA US, and KEMA-Keur approvals, it ensures safe and code-compliant operation in industrial cabinets. The tension-spring clamp mechanism offers fast, tool-free conductor insertion and high connection stability, even under vibration, a standout feature of CONTA-CONNECT's tension-spring range.
In application, ZTRK terminals excel in control panels and machinery where isolation between circuits or loads is frequently required. The integrated disconnect blade enables easy circuit interruption for testing or maintenance without disturbing other lines. Its narrow profile is perfect for high-density installations, while the tension-spring clamp speeds up installation, ideal for field engineers and production lines. With its robust insulation (contamination degree 3) and test-ready design, ZTRK is a reliable, efficient solution for streamlined, safety-conscious DIN-rail wiring systems.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	2.5 mm²
Colour	Orange
Rated voltage IEC	400 V
Rated current IEC	18 A
Mounting	TS 35
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Approvals	CSA, CSA US, KEMA KUR
Additional information	with disconnect blade

DIMENSIONS

Length	80.2 mm
Width	5.1 mm
Height TS 35/7.5	42.3 mm

CONNECTION DATA

Connections	3
Number of levels	1
Plug gauge acc. EN 60 947-1	A3
Cross connect channels	1
Number of test pick off options	2
Cross section single wire from	0.5 mm²
Cross section single wire to	4 mm²
Cross section stranded wire from	0.5 mm²
Cross section stranded wire to	4 mm²
Cross section stranded with ferrule from	0.5 mm²
Cross section stranded with ferrule to	2.5 mm²
Rated wire cross section from (AWG)	20
Rated wire cross section to (AWG)	12
Stripping length	10 mm

MATERIALS

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

APPROVALS

CSA test standard	C22.2 No 158
CSAus test standard	UL 1059
KEMA KEUR test standard	EN 60947-7-1:2009, EN 60947-7-3:2009

ADDITIONAL DATA

Tariff code	85369010
Country of origin	CZ
Weight	11.79 g

Pack size	100

