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# DISCONNECT TERMINALS - ZTRK 2.5MM²

Tension Spring Disconnect Terminals - ZTRK

3606.2
ZTRK 2,5/2A/ST BG



- 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** | Beige |
| **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-plug (ST with wire jumper) |

## DIMENSIONS

| | |
|---|---|
| **Length** | 68 mm |
| **Width** | 5.1 mm |
| **Height TS 35/7.5** | 57.1 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 2 |
| **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** | DE |
| **Weight** | 12.7 g |

| | |
|---|---|
| **Pack size** | 100 |

