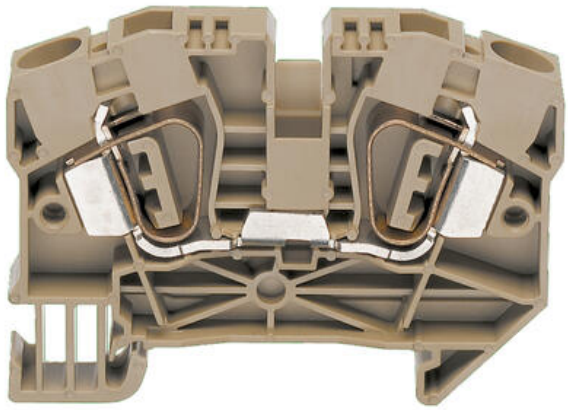
**OEM Automatic Ltd**
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# FEED THROUGH TERMINALS - ZRK 2.5-16 MM²

Tension Spring Terminals - ZRK

3502.1
ZRK 2.5/4A Green, 2.5mm² Tension spring, feed through, 2 in, 2 out



- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0
- 2, 3 & 4 connections

## PRODUCT DESCRIPTION

The tension spring range of terminals for wire cross-sections from 0.2 mm² to 16 mm² includes: the **ZRK/ZSL** series of feed-through and PE terminals, the double-level **ZRKD/ZSLD**, the **ZIKD** three-level terminal blocks, motor-connection terminals, (blade) disconnect terminals, fused terminals, direct-mount terminals, and initiator/actuator terminals for transmitting positioning, encoder and sensors signals.
Tension spring technology is ideal for high vibration applications and will save up to 50% of the time against a traditional screw terminal.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 2.5 mm² |
| **Colour** | Green |
| **Rated voltage IEC** | 800 V |
| **Rated current IEC** | 24 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 8 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, GL, CSA US, KEMA KUR, EAC |

## DIMENSIONS

| | |
|---|---|
| **Length** | 83.6 mm |
| **Width** | 5.1 mm |
| **Height TS 35/7.5** | 39 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 4 |
| **Number of levels** | 1 |
| **Plug gauge acc. EN 60 947-1** | A3 |
| **Cross connect channels** | 2 |
| **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

| | |
|---|---|
| **Rated voltage UL** | 600 V |
| **Rated current UL** | 27 A |
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 600 V |
| **Rated current CSA** | 27 A |
| **CSA test standard** | C22.2 No 158 |
| **Rated voltage CSAus** | 600 V |
| **Rated current CSAus** | 27 A |
| **CSAus test standard** | UL 1059 |
| **GL test standard** | IEC 60947-7-1:2009 |
| **EAC test standard** | TR ZU 004/2011 |
| **KEMA KEUR test standard** | EN 60947-7-1:2009 |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | BG |
| **Weight** | 11.4 g |
| **Pack size** | 100 |

