

FEED THROUGH TERMINALS - ZRK 2.5-16 MM²

ZRK

3636.1

ZRK 16/2A Green, 16mm² Tension spring, feed through

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



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 | 16 mm ² |
| Colour | Green |
| Rated voltage IEC | 1000 V |
| Rated current IEC | 76 A |
| Load current max | 76 A |
| Mounting | TS 35 |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Approvals | UL, CSA, CSA US, KEMA KUR, EAC |

DIMENSIONS

| | |
|------------------|---------|
| Length | 81.5 mm |
| Width | 12.1 mm |
| Height TS 35/7.5 | 51.5 mm |

CONNECTION DATA

| | |
|---------------------------------|---------------------|
| Connections | 2 |
| Number of levels | 1 |
| Plug gauge acc. EN 60 947-1 | A7 |
| Cross connect channels | 2 |
| Number of test pick off options | 2 |
| Cross section single wire from | 1.5 mm ² |

| | |
|--|---------------------|
| Cross section single wire to | 25 mm ² |
| Cross section stranded wire from | 1.5 mm ² |
| Cross section stranded wire to | 16 mm ² |
| Cross section stranded with ferrule from | 1.5 mm ² |
| Cross section stranded with ferrule to | 16 mm ² |
| Rated wire cross section from (AWG) | 14 |
| Rated wire cross section to (AWG) | 4 |
| Stripping length | 18 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 | 1000 V |
| Rated current CSA | 65 A |
| CSA test standard | C22.2 No 158 |
| Rated voltage CSAus | 1000 V |
| Rated current CSAus | 65 A |
| CSAus test standard | UL 1059 |
| EAC test standard | TR ZU 004/2011 |
| KEMA KEUR test standard | EN 60947-7-1:2009 |

ADDITIONAL DATA

| | |
|-------------------|----------|
| Tariff code | 85369010 |
| Country of origin | CZ |
| Weight | 36.45 g |
| Pack size | 50 |

