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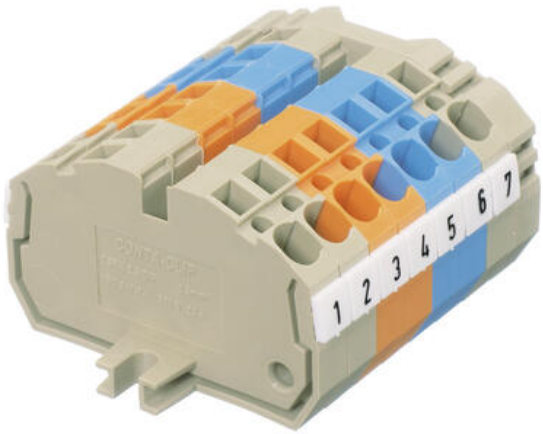
# TENSION SPRING DIRECT MOUNT TERMINALS

ZSRK-RC, ZSRK-D, ZSRK-D/F

3587.3
ZSRK 2.5/2A-RC Orange, 2.5mm² Compact tension spring, feed through, Direct 'Snap in' mount




- Compact
- Screw flange or snap in direct mount
- Temperature resistance -40 ºC...+120 ºC
- Flammability class V0
- Material polyamide 6.6

### PRODUCT DESCRIPTION

The ZSRK 2.5/2A/D/F and ZSRK 2.5/2A/RC are direct-mount tension-spring terminals with built in cross-connection channel. They are a compact and modular design that can be used with cables from 0.08 – 2.5 mm² and are rated 800 V.
The range is modular, so you simple snap together the number of poles you need, the block can then be directly screwed on to the mounting plate with the ZSRK 2.5/2A/D/F or directly snapped on with the ZSRK 2.5/2A/RC.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 2.5 mm² |
| **Colour** | Orange |
| **Rated voltage IEC** | 800 V |
| **Rated current IEC** | 24 A |
| **Mounting** | Direct mount |
| **Rated impulse voltage** | 8 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, GL, CSA US, cUL, KEMA KUR, EAC |
| **Additional information** | with housing pegs and clip |

## DIMENSIONS

| | |
|---|---|
| **Length** | 40 mm |
| **Width** | 5.1 mm |
| **Height** | 24 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

| | |
|---|---|
| **Rated voltage UL** | 300 V |
| **Rated current UL** | 20 A |
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 300 V |
| **Rated current CSA** | 20 A |
| **CSA test standard** | C22.2 No 158 |
| **Rated voltage CSAus** | 300 V |
| **Rated current CSAus** | 20 A |
| **CSAus test standard** | UL 1059 |
| **Rated voltage cUL** | 300 V |
| **Rated current cUL** | 20 A |
| **cUL test standard** | C22.2 No 158 |
| **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** | DE |
| **Weight** | 5 g |
| **Pack size** | 100 |