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# FEED THROUGH TERMINALS - SRK 2.5-120MM²

SRK

87807.2
SRK10/2A EX BEIGE TERMINAL 10mm * EX *




- Pluggable cross connectors up to 35mm²
- Available in 9 colours
- 1000V rated
- Material polyamide 6.6 - UL94-V0
- Temperature resistance -40 ºC...+120 ºC

## PRODUCT DESCRIPTION

**Packed with innovative features**
The SRK range of screw terminals from Conta Clip is packed with innovative features designed to increase connection strength, speed up your assembly times and optimize your stock.
Now available for cable sizes from 2.5mm² to 120mm²

**Cutting edge design & quality materials**
Conta Clip has proved it is still possible to improve the design of even the most long established components. They are characterised by their compact housing shape, exceptional stability, good vibration resistance and improved wire grip at the terminal point.

**Fast assembly & connection**
The easy to operate screw connection makes it easy and safe to connect both solid and flexible wires with or without ferrules. The protective earth terminals have rail connections on both sides of the foot, they simply snap onto the din-rail with no need for screws. The insulated cross connectors are pluggable and simply pushed in to place in one of two channels in the top of each terminal. These features dramatically speed up assembly time but still ensure maximum mechanical and electrical security.

**Flexibility to optimize your stock**
You can use a cutting tool to shorten the pluggable cross connectors as required. Once cut the exposed edge is simply covered using the innovative push on insulation cap to ensure touch protection is fully maintained. Where once many different variations of cross connectors needed to be stocked you now need only one length of cross connectors and some end caps helping reduce inventory costs.
Available in the following colours; Yellow, Blue, Black & Red.

**Clear concise marking**
Most applications demand clearly marked terminals. The four way labelling channel in conjunction with a wide range of markers allows a variety of possibilities. Pre-marked labels are available with standard letters & digits or custom labels can be marked here at OEM Automatic to your exact requirements.

• Feed-through & protective earth terminals
• Compact design
• Wide range of sophisticated accessories
• Pluggable insulated cross connectors that can be easily modified to suit (up to 35mm²)
• Cross connectors can carry max rated current & voltage of the terminals
• Large wire entry bay positioned at the same level across all terminal types
• Global standards

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 6 mm² |
| **Colour** | Beige |
| **Rated voltage IEC** | 1000 V |
| **Rated current IEC** | 41 A |
| **Load current max** | 57 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 8 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, GL, CSA US, cUL, KEMA KUR, EAC |
| **Explosion proof** | Yes |
| **Additional information** | with housing pegs |

## DIMENSIONS

| | |
|---|---|
| **Length** | 48 mm |
| **Width** | 8 mm |
| **Height TS 35/7.5** | 47 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 2 |
| **Number of levels** | 1 |
| **Plug gauge acc. EN 60 947-1** | A5 |
| **Cross connect channels** | 2 |
| **Number of test pick off options** | 1 |
| **Cross section single wire from** | 0.2 mm² |
| **Cross section single wire to** | 10 mm² |
| **Cross section stranded wire from** | 0.2 mm² |

| | |
|---|---|
| **Cross section stranded wire to** | 10 mm² |
| **Cross section stranded with ferrule from** | 0.2 mm² |
| **Cross section stranded with ferrule to** | 6 mm² |
| **Rated wire cross section from (AWG)** | 22 |
| **Rated wire cross section to (AWG)** | 8 |
| **Stripping length** | 10 mm |
| **Screw size** | M 3,5 |
| **Screw type** | Slotted |
| **Torque min** | 0.8 |
| **Torque max** | 1.6 |

## 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** | 50 A |
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 600 V |
| **Rated current CSA** | 50 A |
| **CSA test standard** | C22.2 No 158 |
| **Rated voltage CSAus** | 600 V |
| **Rated current CSAus** | 50 A |
| **CSAus test standard** | UL 1059 |
| **Rated voltage cUL** | 600 V |
| **Rated current cUL** | 50 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** | CZ |
| **Weight** | 12.42 g |
| **Pack size** | 100 |
| **Type of terminal** | Screw Terminals, DIN Rail terminals |