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# CROSS CONNECTORS FOR SRK, SSL & SRKD RANGE

Cross Connectors for Screw Terminals - SQI, SQ

17240.4
SQI 10/30 BK - 30 Way Cross Connector for SRK/SSL/SRKD 10/2A



- For SRK 2.5-120mm²
- Insulated plug in up to 35mm²
- Fully rated
- Can be cut down with insulated cap. No partition required (up to 10mm)
- Screw in 50-120mm²

### PRODUCT DESCRIPTION

The SQI and SQ cross-connectors are insulated plug-in bridging links designed for use with CONTA-CLIP's SRK feed-through terminals, SSL protective-earth terminals, and the double-level SRKD/SSLD variants. They are available in lengths accommodating 2 to 10 poles and a longer 30-pole version, suitable for terminal cross-sections from 2.5 mm² up to 120 mm². These fully rated connectors allow potential distribution (short-circuit bridging or daisy-chaining) along a row of DIN-rail mounted terminals. They can be trimmed to length as needed and capped with yellow SQIK insulating end-caps to restore touch protection after cutting. No additional partition walls are required between bridged terminals. All insulating parts meet UL 94 V-0 rated polyamide specifications and commonly support conductor cross-sections up to 35 mm² for the plug-in portion.
These cross-connectors greatly streamline wiring in industrial control panels, energy distribution boards, machine automation systems, and infrastructure installations. Instead of manually wiring each terminal, similar potentials (e.g. common ground or signal lines) can be reliably shared across multiple points with a simple plug-in bridge, saving time and reducing wiring errors. They are especially popular in factory automation, process engineering, transportation control cabinets, and building infrastructure systems. The ability to cut them to exact length and cap the exposed ends adds flexibility for custom configurations, while maintaining electrical safety and compliance. Their compatibility with both single- and double-deck SRK/SSL/SRKD modules ensures scalable installation designs across conductor sizes and system layouts.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 10 mm² |
| **Colour** | Black |
| **Max voltage with partition** | 1000 V |
| **Max voltage without partition** | 1000 V |
| **Rated current IEC** | 57 A |
| **Load current max** | 76 A |
| **Mounting** | Push in |
| **Contamination degree** | 3 |

## DIMENSIONS

| | |
|---|---|
| **Length** | 4.2 mm |
| **Width** | 300.3 mm |
| **Pitch** | 10 mm |

## CONNECTION DATA

| | |
|---|---|
| **Number of poles** | 30 |

## MATERIALS

| | |
|---|---|
| **Material** | Copper alloy |
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V2 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 105 °C |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | DE |
| **Weight** | 40 g |
| **Pack size** | 5 |