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# PANEL MOUNT FEED-THROUGH TERMINALS SDK 4 -16 MM²

Enclosure Feed Through Terminals -SDK Series

17386.6
SDK 10/2A, 10mm² Screw/Screw terminal




- 32A to 57A, 250V-1000V
- Polyamide 6.6 UL94-V0
- Easy to align side-by-side
- Secure and robust mounting
- Custom colours available

### PRODUCT DESCRIPTION

The SDK series is a panel feed-through terminal system designed for use in a wide range of applications including electrical device and enclosure technologies.

This range of terminals provide a flexible modular-based system where a more robust and secure connection is required.

The wide range of system components can be combined to achieve various voltages – with a maximum voltage level of 1000 V (UL 600 V) even at Contamination degree 3.

The insulated housing is made of polyamide 6.6 UL 94 V-0. The pegs can be used to link the housings together to form multi-pole units.
Optional additional flange plates are available for further improved mechanical stability.

The standard range of PMC SB or PMC BSTR marker tags can be used to label the feed-though terminals.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 10 mm² |
| **Colour** | Grey |
| **Rated voltage IEC** | 630 V |
| **Rated current IEC** | 57 A |
| **Load current max** | 76 A |
| **Mounting** | Direct mount |
| **Rated impulse voltage** | 6 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, cUL, KEMA KUR, EAC |

## DIMENSIONS

| | |
|---|---|
| **Thickness of mounting plate, max.** | 4 mm |

## CONNECTION DATA

| | |
|---|---|
| **Plug gauge acc. EN 60 947-1** | A6 |
| **Number of poles** | 1 |
| **Cross section single wire from** | 0.2 mm² |
| **Cross section single wire to** | 16 mm² |
| **Cross section stranded wire from** | 0.2 mm² |
| **Cross section stranded wire to** | 16 mm² |
| **Cross section stranded with ferrule from** | 0.2 mm² |
| **Cross section stranded with ferrule to** | 10 mm² |
| **Rated wire cross section from (AWG)** | 20 |
| **Rated wire cross section to (AWG)** | 6 |
| **Stripping length** | 12 mm |
| **Screw size** | M 4 |
| **Screw type** | Slotted |
| **Torque min** | 1.2 |
| **Torque max** | 2.4 |

## 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** | 65 A |
| **UL test standard** | UL 1059 |
| **Rated voltage cUL** | 300 V |
| **Rated current cUL** | 65 A |
| **cUL test standard** | C22.2 No 158 |
| **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** | 21.18 g |
| **Pack size** | 50 |