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PANEL MOUNT FEED-THROUGH TERMINALS SDK 4 -16 MM²

Enclosure Feed Through Terminals -SDK Series

17389.6
SDK 10/1A/1L/Z, 10mm² Screw/Solder terminal with pegs



- 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	320 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
Additional information	with housing pegs

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	21.38 g
Pack size	50