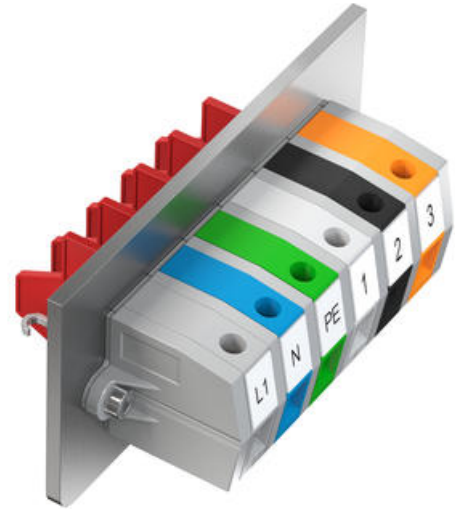


## PANEL MOUNT FEED-THROUGH TERMINALS SDK 4 -16 MM<sup>2</sup>

### SDK Series

17380.6  
SDK 4/2A, 4mm<sup>2</sup> 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-through terminals.

## TECHNICAL DATA

|   |                        |
|---|------------------------|
| <b>Approvals</b>                                | UL, cUL, KEMA KUR, EAC |
| <b>Colour</b>                                   | Grey                   |
| <b>Contamination degree</b>                     | 3                      |
| <b>Country of origin</b>                        | DE                     |
| <b>Cross section single wire from</b>           | 0,2 mm <sup>2</sup>    |
| <b>Cross section single wire to</b>             | 6 mm <sup>2</sup>      |
| <b>Cross section stranded wire from</b>         | 0,2 mm <sup>2</sup>    |
| <b>Cross section stranded wire to</b>           | 6 mm <sup>2</sup>      |
| <b>Cross section stranded with ferrule from</b> | 0,2 mm <sup>2</sup>    |
| <b>Cross section stranded with ferrule to</b>   | 4 mm <sup>2</sup>      |
| <b>cUL test standard</b>                        | C22.2 No 158           |
| <b>EAC test standard</b>                        | TR ZU 004/2011         |
| <b>Flammability class</b>                       | UL94-V0                |
| <b>Insulation material</b>                      | Polyamide 6.6          |
| <b>KEMA KEUR test standard</b>                  | EN 60947-7-1:2009      |
| <b>Load current max</b>                         | 41 A                   |
| <b>Mounting</b>                                 | Direct mount           |
| <b>Number of poles</b>                          | 1                      |
| <b>Operating temperature from</b>               | -40 °C                 |
| <b>Operating temperature to</b>                 | 120 °C                 |
| <b>Overvoltage category</b>                     | III                    |
| <b>Pack size</b>                                | 50                     |
| <b>Plug gauge acc. EN 60 947-1</b>              | A4                     |
| <b>Rated current cUL</b>                        | 30 A                   |
| <b>Rated current IEC</b>                        | 32 A                   |
| <b>Rated current UL</b>                         | 30 A                   |
| <b>Rated impulse voltage</b>                    | 6 kV                   |
| <b>Rated wire cross section</b>                 | 4 mm <sup>2</sup>      |
| <b>Rated wire cross section from (AWG)</b>      | 26                     |
| <b>Rated wire cross section to (AWG)</b>        | 10                     |
| <b>Rated voltage cUL</b>                        | 300 V                  |
| <b>Rated voltage IEC</b>                        | 630 V                  |
| <b>Rated voltage UL</b>                         | 300 V                  |
| <b>Screw size</b>                               | M 3                    |

|  |          |
|--|----------|
| <b>Screw type</b>                        | Slotted  |
| <b>Stripping length</b>                  | 10 mm    |
| <b>Tariff code</b>                       | 85369010 |
| <b>Thickness of mounting plate, max.</b> | 4 mm     |
| <b>Torque max</b>                        | 1 Nm     |
| <b>Torque min</b>                        | 0,5 Nm   |
| <b>UL test standard</b>                  | UL 1059  |
| <b>Weight</b>                            | 13,91 g  |