

PCB terminal block - SMKDS 1/ 6-3,5 - 1751138

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PC terminal block, Nominal current: 10 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 6, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 55 °, Color: green




The figure shows a 10-position version of the product

Why buy this product

- Conductor and screwdriver axis at an angle of 55° to the usual direction
- Arrangement of several rows of terminal blocks one behind the other – multi-level effect with the same design height



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 50 |
| Catalog page | Page 77 (CC-2011) |
| GTIN |  4 017918 103736 |
| Custom tariff number | 85369010 |
| Country of origin | GERMANY |

Technical data

Dimensions / positions

| | |
|------------------------|--------------|
| Length | 10 mm |
| Pitch | 3.5 mm |
| Dimension a | 17.5 mm |
| Number of positions | 6 |
| Pin dimensions | 0,5 x 0,9 mm |
| Hole diameter | 1.1 mm |
| Screw thread | M2 |
| Tightening torque, min | 0.22 Nm |
| Tightening torque max | 0.25 Nm |

Technical data

| | |
|---------------------------|---------|
| Range of articles | SMKDS 1 |
| Insulating material group | I |

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Technical data

Technical data

| | |
|---|-------------------|
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 160 V |
| Rated voltage (III/2) | 200 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 10 A |
| Nominal cross section | 1 mm ² |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 5 mm |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 10 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 10 A |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 16 |
| 2 conductors with same cross section, solid min. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 0.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.2 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 16 |

Classifications

eclass

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
|------------|----------|

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Classifications

eclass

| | |
|------------|----------|
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |

etim

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

unspsc

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals


Approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / IEC CB Scheme / GOST / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

| | | |
|---|-------|-------|
|  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-16 | 28-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 150 V | 300 V |

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Approvals

UL Recognized 

| | B | D |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-16 | 30-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

SEV

| | |
|--------------------------------|-------|
| mm ² /AWG/kcmil | 1.5 |
| Nominal voltage U _N | 125 V |

cUL Recognized 

| | B | D |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-16 | 30-16 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

GOST 

CCA

IECEE CB Scheme

GOST 

cULus Recognized  us

Accessories

Accessories

Marking

PCB terminal block - SMKDS 1/ 6-3,5 - 1751138

Accessories

Marker cards - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 3.5 mm

Tools

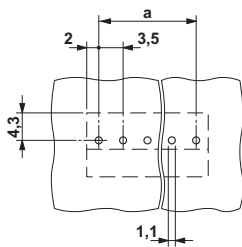
Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Dimensioned drawing

