

PCB terminal block - SMKDSN 1,5/ 4 - 1869088

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PC terminal block, Nominal current: 13.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 4, 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

- Arrangement of several rows of terminal blocks one behind the other – multi-level effect with the same design height
- PCB terminal blocks with compact housing dimensions and low design height
- Conductor and screwdriver axis at an angle of 55° to the usual direction
- Conductor cross sections up to 1.5 mm²



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 50 |
| Catalog page | Page 83 (CC-2011) |
| GTIN |  4 017918 149055 |
| Custom tariff number | 85369010 |
| Country of origin | GERMANY |

Technical data

Dimensions / positions

| | |
|------------------------|------------|
| Length | 12 mm |
| Pitch | 5 mm |
| Dimension a | 15 mm |
| Number of positions | 4 |
| Pin dimensions | 0,5 x 1 mm |
| Hole diameter | 1.3 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

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Technical data

Technical data

| | |
|---|---------------------|
| Range of articles | SMKDSN 1,5 |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 400 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current IN | 13.5 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 13.5 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A 1 |
| Stripping length | 6 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. | 1.5 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. | 1.5 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. | 1.5 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. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.5 mm ² |

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Connection data

| | |
|---|---------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 14 |

Classifications

eclass

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| 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 / IECEE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

| | | |
|---|-------|-------|
| CSA  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-14 | 28-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 150 V | 300 V |

| | | | |
|---|-------|-------|---|
| UL Recognized  | | | |
| | | B | D |
| mm ² /AWG/kcmil | 18 | 18 | |
| 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 | 250 V |

| | | | |
|--|-------|-------|---|
| cUL Recognized  | | | |
| | | B | D |
| mm ² /AWG/kcmil | 18 | 18 | |
| Nominal current I _N | 10 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| |
|--|
| GOST  |
|--|

| |
|-----|
| CCA |
|-----|

| |
|-----------------|
| IECEE CB Scheme |
|-----------------|

| |
|--|
| GOST  |
|--|

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Approvals

cULus Recognized

Accessories

Accessories

Marking

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm

Marker cards - SK 5/3,8:UNBEDRUCKT - 0805409



Marker cards, Card, white, Unlabeled, Can be labeled with: Thermomark R, Thermomark X, Thermomark S, Mounting type: Adhesive, For terminal block width: 5 mm

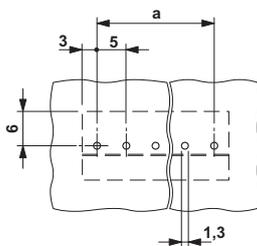
Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Drawings

Drilling diagram



Dimensioned drawing

