

PCB terminal block - SMKDS 5/ 2-9,5 - 1720017

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




PCB terminal block, Nominal current: 32 A, Nom. voltage: 1000 V, Pitch: 9.52 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 35 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- ✓ Conductor connection direction angled to the PCB (35°)
- ✓ PCB terminal blocks with screw connection, up to 6 mm² conductor cross section



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 017918 024970 |
| Weight per Piece (excluding packing) | 6.52 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |
| Product key | AABBAA |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 18.5 mm |
| Pitch | 9.52 mm |
| Dimension a | 9.52 mm |
| Constructional height | 22 mm |
| Length of the solder pin | 5 mm |
| Pin dimensions | 0,9 x 0,9 mm |
| Hole diameter | 1.3 mm |

General

| | |
|-----------------------------|---------|
| Range of articles | SMKDS 5 |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |

PCB terminal block - SMKDS 5/ 2-9,5 - 1720017

Technical data

General

| | |
|---|-------------------|
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 690 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 32 A |
| Nominal cross section | 4 mm ² |
| Maximum load current | 32 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V2 |
| Internal cylindrical gage | A4 |
| Stripping length | 8 mm |
| Number of positions | 2 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 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. | 0.75 mm ² |
| 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. | 2.5 mm ² |

PCB terminal block - SMKDS 5/ 2-9,5 - 1720017

Classifications

eCl@ss

| | |
|------------|----------|
| 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 |
| eCl@ss 8.0 | 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 / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

| | | | |
|---|--------------------------------|-------|-------|
| CSA  | | | |
| | B | C | |
| | mm ² /AWG/kcmil | 28-10 | 28-10 |
| | Nominal current I _N | 30 A | 30 A |


PCB terminal block - SMKDS 5/ 2-9,5 - 1720017

Approvals

| | B | C |
|--------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |

| UL Recognized  | | |
|---|-------|-------|
| | B | C |
| mm ² /AWG/kcmil | 30-10 | 30-10 |
| Nominal current I _N | 30 A | 30 A |
| Nominal voltage UN | 250 V | 300 V |

| SEV | |
|----------------------------|-------|
| | |
| mm ² /AWG/kcmil | 6 |
| Nominal voltage UN | 690 V |

| cUL Recognized  | | |
|--|-------|-------|
| | B | C |
| mm ² /AWG/kcmil | 30-10 | 30-10 |
| Nominal current I _N | 30 A | 30 A |
| Nominal voltage UN | 250 V | 300 V |

| CCA | |
|----------------------------|-------|
| | |
| mm ² /AWG/kcmil | 6 |
| Nominal voltage UN | 690 V |

| |
|-----|
| EAC |
|-----|

| | | |
|--|--|--|
| cULus Recognized  | | |
|--|--|--|

Accessories

Accessories

Screwdriver tools

PCB terminal block - SMKDS 5/ 2-9,5 - 1720017

Accessories

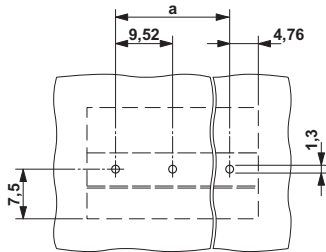
Screwdriver - SZS 0,6X3,5 - 1205053



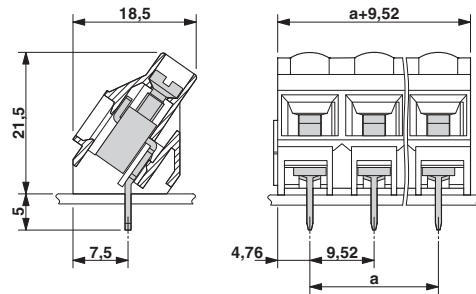
Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Dimensional drawing



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [phoenix contact manufacturer](#):

Other Similar products are found below :

[1203259](#) [3240366](#) [1893300](#) [2800744](#) [2867076](#) [3006564](#) [2800741](#) [5146480](#) [1582539](#) [1623633](#) [1507793](#) [3025587](#) [3069708](#) [1582223](#)
[1431461](#) [1586976](#) [0311647](#) [1460160](#) [1771338](#) [3048387](#) [2814605](#) [0309086](#) [1513716](#) [3035684](#) [5451417](#) [0202219](#) [1647747](#) [1730667](#)
[1709267](#) [5449018](#) [0311634](#) [1730696](#) [3034057](#) [0311579](#) [1730683](#) [0719032](#) [5449843](#) [3240098](#) [0311566](#) [0201391](#) [CRIMPFOX 16 S](#)
[CRIMPFOX 25R](#) [CRIMPSET 25](#) [7001438](#) [ETD-BL-1T-F-300S](#) [MCR-1CLP-I-I-00](#) [MCR-4CLP-I-I-00](#) [MCR-DAC 8-I- 4-BUS](#) [FL EPA](#)
[WMS](#) [FLK 50/EZ-DR/ 400/KONFEK/S](#)