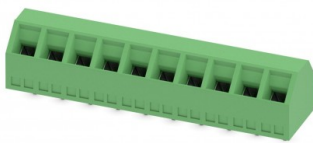


## INDUSTRIAL COMPONENT DATA

# SMKDSN 1,5/ 5 BD:4-1SO 1708009 PHOENIX CONTACT

## Terminal block for printed circuit board, rated current: 13.5..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDSN 1,5/ 5 BD:4-1SO



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SMKDSN 1,5/ 5 BD:4-1SO         |
| Catalog number  | 1708009                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-B59068BCB7                  |
| Generated       | 2026-08-05                     |

### Product Overview

Terminal block for printed circuit board, rated current: 13.5 A, rated voltage: 400 V, pitch: 5 mm, number of poles: 5, connection type: Screw connection with traction capsule, mounting: Wave soldering, driver/printed circuit board connection direction: 45 °, color: green

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: SMKDSN 1.5, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT &gt; PCB Connectors (PCC)

### Additional Product Information

PCB terminal block, nominal current: 13.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green  
Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsAngled connection enables multi-row arrangement on the PCBExtremely small design for the respective conductor cross sectionKey Commercial Data

Orderkey 1708009

Packing unit 1

GTIN 4046356959742

Custom tariff number 85369010

**General**

Range of articles SMKDSN 1,5

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  $I_N$  13.5 A

Nominal cross section 1.5 mm<sup>2</sup>

Solder pin surface Sn

Internal cylindrical gage A1

Stripping length 6 mm

Number of positions 5

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

**Connection data**

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, solid max. 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without pla...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDSN 1,5/ 5 BD:4-1SO with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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