

## INDUSTRIAL COMPONENT DATA

# SMKDSN 1,5/ 3-5,08 MCBD:+-S 1161181 PHOENIX CONTACT

## Printed circuit board terminal block, rated current: 17...

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDSN 1,5/ 3-5,08 MCBD:+-S



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SMKDSN 1,5/ 3-5,08 MCBD:+-S    |
| Catalog number  | 1161181                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 250 Pcs                        |
| Document ID     | EO-C78B0334FF                  |
| Generated       | 2026-08-05                     |

### Product Overview

Printed circuit board terminal block, rated current: 17.5 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SMKDSN 1.5, pitch: 5.08 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. Meets the requirements of the "APL Port Profile Specification"

Printed circuit board terminal, rated current: 13.5 A, sizing voltage (III/2): 400 V, nominal section: 1.5 mm<sup>2</sup>, Number of rows: 1, Number of poles per row: 3, item family: SMKDSN 1.5, pitch: 5.08 mm, connection type:Screw connection with traction capsule, mounting: Wave welding, connection direction conductor/printed circuit board: 45°, color: green, Pin layout: Linear pin arrangement, Pin length [P]: 3.5 mm, packaging type: boxed packaging. Meets the requirements of the APL Port Profile Specification (draft 0.3)

## 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

### Additional Product Information

ETIM for 1161181 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

14.5 mm

Number of electrical connections (EF008252)

3

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5.08 mm

Rated current  $I_n$  (EF008250)

17.5 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw connection

Connectable conductor cross section solid-core (EF007337)

0.14 mm<sup>2</sup>

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.14 mm<sup>2</sup>

Connectable conductor cross section multi-wired (EF007343)

0.14 mm<sup>2</sup>

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Green

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDSN 1,5/ 3-5,08 MCB D:+-S 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

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