

## INDUSTRIAL COMPONENT DATA

# SPT-SMD 1,5/12-V-3,81 R72 1824297 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-SMD 1,5/12-V-3,81 R72



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT-SMD 1,5/12-V-3,81 R72      |
| Catalog number  | 1824297                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 200 Pcs                        |
| Document ID     | EO-3D9D6541FA                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm<sup>2</sup>, number of potentials: 12, number of rows: 1, number of poles per row: 12, family of articles: SPT 1.5/.. -V-SMD, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 90°, color: black, Pin arrangement: Linear pin arrangement, number of solder pins per potential: 2, packaging type: 72 mm wide strap

## 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

Key Commercial Data

Orderkey 1824297

Packing unit 200 pc

Minimum order quantity 200 pc

Note Made to Order (non-returnable)

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GTIN 4046356816397

Weight per Piece (excluding packing) 8.520 g

Custom tariff number 85369010

Country of origin DE (Germany)

**Dimensions**

Length [ l ] 7.7 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Width [ w ] 45.91 mm

Height 13.6 mm

Height [ h ] 13.6 mm

Pin spacing 7 mm

Hole diameter 1.1 mm

**General**

Range of articles SPT 1,5/-V-SMD

Insulating material group IIIa

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) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 13.5 ANominal cross section 1.5 mm<sup>2</sup>

Insulating material LCP

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 12

**Connection data**Conductor cross section solid min. 0.2 mm<sup>2</sup>Conductor cross section solid max. 1.5 mm<sup>2</sup>Conductor cross section flexible min. 0.2 mm<sup>2</sup>Conductor cross section flexible max. 1.5 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm<sup>2</sup>Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-SMD 1,5/12-V-3,81 R72 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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