

## INDUSTRIAL COMPONENT DATA

# SPT 2,5/ 4-V-5,0 RD/BK/RD/BK 1709769 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 2,5/ 4-V-5,0 RD/BK/RD/BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 2,5/ 4-V-5,0 RD/BK/RD/BK   |
| Catalog number  | 1709769                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 120 Pcs                        |
| Document ID     | EO-9AC545BC8E                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: SPT 2.5/.. -V, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5 mm, number of solder pins per potential: 2, 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1709769

Packing unit 1

GTIN 4055626113425

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPT 2,5/..-V

Pitch 5 mm

Number of positions 4

Connection method Push-in spring connection  
Mounting type Wave soldering  
Pin layout Linear double pinning  
Number of levels 1  
Number of connections 4  
Number of potentials 4  
Electrical parameters  
Rated current 24 A  
Rated insulation voltage (III/2) 400 V  
Rated surge voltage (III/2) 4 kV  
Connection capacity  
Conductor cross section solid 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG / kcmil 24 ... 12  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> (Stripping length 8 mm)  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (Stripping length 8 mm)  
Stripping length 10 mm  
Material data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics hot-dip tin-plated  
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)  
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)  
Material data - housing  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 2,5/ 4-V-5,0 RD/BK/RD/BK 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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