

**INDUSTRIAL COMPONENT DATA**

# SPT 5/ 3-H-7,5 PA1,3BD:-RB1 SO 1702120 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 3-H-7,5 PA1,3BD:-RB1 SO



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT 5/ 3-H-7,5 PA1,3BD:-RB1 SO |
| Catalog number  | 1702120                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-923C054463                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 630 V, nominal section: 6 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 3, family of articles: SPT 5/.. -H, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.6 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1702120

Packing unit 1

GTIN 4046356572248

Custom tariff number 85369010

Item properties

Number of positions 3

Pin layout Linear double pinning

Dimensions for the product

Length [ L ] 24.15 mm

Width [ w ] 24.3 mm  
Height [ h ] 19 mm  
Pitch 7.5 mm  
Height (without solder pin) 14.4 mm  
Solder pin [P] 4.6 mm  
Pin spacing 13.2 mm  
Dimension a 15 mm  
Dimensions for PCB design  
Hole diameter 2.1 mm  
Pin spacing 13.2 mm  
Packaging information  
Type of packaging packed in cardboard  
Pieces per package 50  
Denomination packing units Pcs.  
Air clearances and creepage distances  
Voltage 800 V  
Standards and Regulations  
Connection in acc. with standard EN-VDE  
CUL  
Environmental Product Compliance  
China RoHS Environmentally friendly use period: unlimited = EFUP-e  
No hazardous substances above threshold values  
Classifications  
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss  
7.027440401eCl@ss 8.027440401eCl@ss 9.027440401  
ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643  
UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121432UNSPSC  
13.239121432  
ETIM for 1702120 Connectors (EC002643)  
Feature Name  
Feature Value  
Height (EF000040)  
19 mm  
Number of electrical connections (EF008252)  
2  
Number of levels (EF002659)  
1  
Modular spacing connections (EF006827)  
7.5 mm  
Rated current In (EF008250)  
41 A  
Rated voltage (EF000228)  
630 V  
Rated surge voltage (EF002993)  
6 kV  
Over voltage category (EF006785)  
III

Pollutio...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / SPT 5/ 3-H-7,5 PA1,3BD:-RB1 SO 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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