

## INDUSTRIAL COMPONENT DATA

# PTSM 0,5/ 6-2,5-V SMD R44 1771130 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 6-2,5-V SMD R44



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSM 0,5/ 6-2,5-V SMD R44      |
| Catalog number  | 1771130                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 400 Pcs                        |
| Document ID     | EO-DA16FD3F54                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of poles per row: 6, family of articles: PTSM 0,5/..-V-SMD, pitch: 2.5 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 potential solder pins: 1, packaging type: 44 mm wide strap

Printed circuit board terminal, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of positions per row: 6, product range: PTSM 0,5/..-V-SMD, pitch: 2.5 mm, connection method: Push-in spring connection, mounting: SMD soldering, conductor/PCB connection direction: 90°, color: black, Pin layout: Linear pad geometry, number of solder pins per potential: 1, type of packaging: 44 mm wide tape

## 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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family PTSM 0,5/..-V-SMD

Product line COMBICON Terminals XS

Number of positions 6

Pitch 2.5 mm

Number of connections 6

Number of rows 1  
Number of potentials 6  
Pin layout Linear pad geometry  
Solder pins per potential 1  
Data management status  
Article revision 00  
Electrical propertiesNominal current IN 6 A  
Nominal voltage UN 160 V  
Rated voltage (III/3) 32 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 160 V  
Rated surge voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Nominal cross section 0.5 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 0.5 mm<sup>2</sup> (up to 0.75 mm<sup>2</sup> supported, with a stripping length of 7.5 mm and a rated insulation voltage of 32 V at III/2)  
Conductor cross section AWG 26 ... 20  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup> (possible from 0.14 mm<sup>2</sup>, when using ferrule AI 0.14- 6 GY in combination with crimping pliers CRIMPFOX 10T-F)  
Cylindrical gauge a x b / diameter - / 1.2 mm  
Stripping length 6 mm  
MountingMounting type SMD soldering  
Pin layout Linear pad geometry  
Processing notes  
Process Reflow soldering  
Moisture Sensitive Level MSL 1  
Classification....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 6-2,5-V SMD R44 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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