

## INDUSTRIAL COMPONENT DATA

# SPT-THR 1,5/12-V-5,0 P20 R88 1823515 PHOENIX CONTACT

## PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-THR 1,5/12-V-5,0 P20 R88



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPT-THR 1,5/12-V-5,0 P20 R88   |
| Catalog number  | 1823515                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 200 Pcs                        |
| Document ID     | EO-4A410FCDA1                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 320 V, nominal section: 1.5 mm<sup>2</sup>, number of potentials: 12, number of rows: 1, number of poles per row: 12, article family: SPT 1,5/..-V-THR, pitch: 5 mm, connection type: Push-in spring connection, mounting: Weld THR, conductor connection direction/printed circuit board: 90 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of solder pins per potential: 2, packaging type: 88 mm wide strap

Printed circuit board terminal, nominal current: 17.5 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 12, number of rows: 1, number of positions per row: 12, product range: SPT 1,5/..-V-THR, pitch: 5 mm, connection method: Push-in spring connection, mounting: THR soldering / wave soldering, conductor/PCB connection direction: 90 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 2 mm, number of solder pins per potential: 2, type of packaging: 88 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 SPT 1,5/..-V-THR

Product line COMBICON Terminals S

Number of positions 12

Pitch 5 mm

Number of connections 12  
Number of rows 1  
Number of potentials 12  
Pin layout Linear pinning  
Solder pins per potential 2  
Data management status  
Article revision 07  
Electrical propertiesNominal current  $I_N$  17.5 A  
Nominal voltage  $U_N$  320 V  
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 320 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 500 V  
Rated surge voltage (II/2) 4 kV  
Connection dataConnection technology  
Nominal cross section 1.5 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Stripping length 8 mm  
MountingMounting type THR soldering / wave soldering  
Pin layout Linear pinning  
Processing notes  
Process Reflow/wave soldering  
Moisture Sensitive Level MSL 1  
Classification temperature  $T_c$  260 °C  
Solder cycles in the reflow 3  
Material specificationsMaterial 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-THR 1,5/12-V-5,0 P20 R88 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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