

## INDUSTRIAL COMPONENT DATA

# PTSM 0,5/ 4-2,5-V THR R44 1770979 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 4-2,5-V THR R44



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSM 0,5/ 4-2,5-V THR R44      |
| Catalog number  | 1770979                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 310 Pcs                        |
| Document ID     | EO-60290295EE                  |
| Generated       | 2026-09-29                     |

## 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: 4, number of rows: 1, number of poles per row: 4, family of articles: PTSM 0.5/.. -V-THR, pitch: 2.5 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]: 2.1 mm, number of solder pins per potential: 2, packaging type: 44 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 1770979

Packing unit 310 pc

Minimum order quantity 310 pc

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GTIN 4046356459556

Weight per Piece (excluding packing) 2.600 g

Custom tariff number 85369010

Country of origin IN (India)

Dimensions

Length [ l ] 5 mm

Pitch 2.5 mm

Dimension a 7.5 mm

Width [ w ] 10.5 mm

Height 10 mm

Height [ h ] 12.1 mm

Solder pin [P] 2.1 mm

Pin spacing 2.5 mm

Hole diameter 1.2 mm

#### General

Range of articles PTSM 0,5/..-V-THR

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) 63 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 200 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm<sup>2</sup>

Maximum load current 6 A

Insulating material LCP

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 6 mm

Number of positions 4

#### Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 0.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 4-2,5-V THR 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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