

**INDUSTRIAL COMPONENT DATA**

# PTSM 0,5/ 2-2,5-H THR R24 1770885 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSM 0,5/ 2-2,5-H THR R24



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSM 0,5/ 2-2,5-H THR R24      |
| Catalog number  | 1770885                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 530 Pcs                        |
| Document ID     | EO-6DB95BAFEF                  |
| Generated       | 2026-08-04                     |

## 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: 2, number of rows: 1, number of poles per row: 2, article family: PTSM 0.5/.. -H-THR, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Weld THR, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.1 mm, number of solder pins per potential: 2, packaging type: 24 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1770885

Packing unit 530 pc

Minimum order quantity 530 pc

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GTIN 4046356459464

Weight per Piece (excluding packing) 1.240 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ l ] 10 mm

Pitch 2.5 mm

Dimension a 2.5 mm

Width [ w ] 5.5 mm

Height 5 mm

Height [ h ] 7.1 mm

Solder pin [P] 2.1 mm

Pin spacing 5 mm

Hole diameter 1.2 mm

#### General

Range of articles PTSM 0,5/..-H-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 2

#### 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 cros...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSM 0,5/ 2-2,5-H THR R24 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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