

## INDUSTRIAL COMPONENT DATA

# PTSM 0,5/ 6-2,5-V SMD WH R44 1814744 PHOENIX CONTACT PCB terminal block

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSM 0,5/ 6-2,5-V SMD WH R44   |
| Catalog number  | 1814744                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 400 Pcs                        |
| Document ID     | EO-5CB6F91300                  |
| Generated       | 2026-08-05                     |

## 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 WH, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 90 °, color: white signals, Pin arrangement: Linear pin arrangement, Pin length [P]: 2 mm, number of solder pins per potential: 1, 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 1814744

Packing unit 400 pc

Minimum order quantity 400 pc

Note Made to Order (non-returnable)

Catalog page Page 393 (C-1-2013)

GTIN 4046356760492

Weight per Piece (excluding packing) 2.740 g

Custom tariff number 85369010

Country of origin IN (India)

**Dimensions**

Length [ l ] 7 mm

Pitch 2.5 mm

Dimension a 12.5 mm

Width [ w ] 20.1 mm

Height 9 mm

Height [ h ] 9 mm

Solder pin [P] 2 mm

Pin spacing 2.5 mm

**General**

Range of articles PTSM 0,5/..-V-SMD WH

Insulating material group I

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) 320 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 HT PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 6 mm

Number of positions 6

**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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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