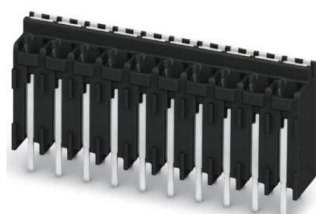


INDUSTRIAL COMPONENT DATA

SPT-THR 1,5/ 3-V-3,81 P20 R24 1823311 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-THR 1,5/ 3-V-3,81 P20 R24



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT-THR 1,5/ 3-V-3,81 P20 R24
Catalog number	1823311
Category	Printed circuit board terminal
Minimum order	200 Pcs
Document ID	EO-D8A0A22CC1
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SPT 1.5/.. -V-THR, pitch: 3.81 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: 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 > PCB Connectors (PCC)
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Additional Product Information

Key Commercial Data

Orderkey 1823311

Packing unit 200 pc

Minimum order quantity 200 pc

Note Made to Order (non-returnable)

Catalog page Page 11 (NTK-2014)

GTIN 4046356815130

Weight per Piece (excluding packing) 3.400 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 7.7 mm

Pitch 3.81 mm

Dimension a 7.62 mm

Width [w] 11.62 mm

Height 13.6 mm

Height [h] 15.6 mm

Solder pin [P] 2 mm

Pin spacing 5.5 mm

Hole diameter 1.1 mm

General

Range of articles SPT 1,5/-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) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 13.5 ANominal cross section 1.5 mm²

Insulating material LCP

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 3

Connection dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 1.5 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 1.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²

Conductor cross section AWG mi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-THR 1,5/ 3-V-3,81 P20 R24 with the required quantity to info@electricaonline.com or use 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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