

INDUSTRIAL COMPONENT DATA

SPT-SMD 1,5/ 8-H-3,81 R72 1824695 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-SMD 1,5/ 8-H-3,81 R72



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT-SMD 1,5/ 8-H-3,81 R72
Catalog number	1824695
Category	Printed circuit board terminal
Minimum order	300 Pcs
Document ID	EO-ED4E783FDB
Generated	2026-08-03

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: 8, number of rows: 1, number of poles per row: 8, article family: SPT 1.5/.. -H-SMD, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor connection direction/printed circuit board: 0°, color: black, Pin arrangement: Linear pin arrangement, number of solder pins per potential: 1, packaging type: 72 mm wide strap

Printed circuit board terminal, rated current: 17.5 A, rated voltage (III/2): 160 V, rated cross-section: 1.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: SPT 1.5/.. -H-SMD, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: SMD soldering, driver/printed circuit board connection direction: 0°, color: black, Pin arrangement: Linear pad geometry, number of solder pins per potential: 1, packaging type: 72 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 1824695

Packing unit 300 pc

Minimum order quantity 300 pc

Catalog page Page 7 (NTK-2014)

GTIN 4046356816892

Weight per Piece (excluding packing) 5.760 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 13.6 mm

Pitch 3.81 mm

Dimension a 26.67 mm

Width [w] 30.67 mm

Height 7.7 mm

Height [h] 7.7 mm

Pin spacing 7 mm

Hole diameter 1.1 mm

General

Range of articles SPT 1,5/..-H-SMD

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 A

Nominal 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 8

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Standards and Reg...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-SMD 1,5/ 8-H-3,81 R72 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.