

INDUSTRIAL COMPONENT DATA

SPT-SMD 1,5/ 2-V-3,81 R24 1824190 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT-SMD 1,5/ 2-V-3,81 R24



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT-SMD 1,5/ 2-V-3,81 R24
Catalog number	1824190
Category	Printed circuit board terminal
Minimum order	200 Pcs
Document ID	EO-F1B30499F7
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: 2, number of rows: 1, number of poles per row: 2, family of articles: SPT 1.5/.. -V-SMD, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: SMD soldering, conductor/printed circuit board connection direction: 90°, color: black, Pin arrangement: Linear pin arrangement, 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)

Additional Product Information

Key Commercial Data

Orderkey 1824190

Packing unit 200 pc

Minimum order quantity 200 pc

Catalog page Page 7 (NTK-2014)

GTIN 4046356816298

Weight per Piece (excluding packing) 2.940 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

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

Pitch 3.81 mm

Number of positions 2

Connection method Push-in spring connection

Mounting type SMD soldering

Pin layout Linear pad geometry

Number of levels 1

Number of connections 2

Number of potentials 2

Electrical parameters

Rated current 13.5 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.2 mm² ... 1.5 mm²

Conductor cross section flexible 0.2 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 24 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm² ... 1.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm² ... 0.75 mm²

Stripping length 8 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics hot-dip tin-plated

Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)

Material data - housing

Insulating material LCP

Insulating material group IIIa

CTI according to IEC 60112 175

Flammability rating according to UL 94 V0

Dimensions for the...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT-SMD 1,5/ 2-V-3,81 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

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.