

INDUSTRIAL COMPONENT DATA

SPTA 16/ 1-10,0 1819192 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA 16/ 1-10,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTA 16/ 1-10,0
Catalog number	1819192
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-F9A699C24A
Generated	2026-08-02

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 76 A, rated voltage (III/2): 1000 V, rated cross-section: 16 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: SPTA 16/, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 60 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 3, packaging type: boxed

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 1819192

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 27 (NTK-2014)

GTIN 4046356788229

Weight per Piece (excluding packing) 11.630 g

Custom tariff number 85369010

Country of origin IN (India)

Item properties

Brief article description PCB terminal block

Range of articles SPTA 16/

Pitch 10 mm

Number of positions 1

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Number of connections 1

Number of potentials 1

Electrical parameters

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacityConductor cross section solid 0.75 mm² ... 10 mm²Conductor cross section flexible 0.75 mm² ... 16 mm²

Conductor cross section AWG / kcmil 18 ... 4

Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 10 mm²2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm² ... 4 mm²

Stripping length 18 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 Tin-plated

Metal surface terminal point (top layer) Tin (10 - 16 µm Sn)

Metal surface soldering area (top layer) Tin (10 - 16 µm Sn)

Material data - housing

Insulating material P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA 16/ 1-10,0 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 PI #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.