

INDUSTRIAL COMPONENT DATA

SPT 16/ 1-V-10,00 PIN4,6 1016011 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 1-V-10,00 PIN4,6



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 1-V-10,00 PIN4,6
Catalog number	1016011
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-435E19464C
Generated	2026-08-06

Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 76 A, sizing voltage (III/2): 1000 V, nominal section: 16 mm², Number of potentials: 1, Number of rows: 1, Number of poles per row: 1, item family: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave welding, connection direction conductor/printed circuit board: 90 °, color: green, Pin arrangement: Double linear pin arrangement, Pin length [P]: 4.6 mm, packaging type: boxed. Sizing data refers only to the corresponding component. Air and leak lines to neighboring components must meet appropriate application standards.

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 1016011

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4055626497815

Weight per Piece (excluding packing) 9.500 g

Custom tariff number 85369010

Country of origin BG (Bulgaria)

Dimensions

Length [l] 24.7 mm

Pitch 10 mm

Width [w] 11.8 mm

Height 31.3 mm

Height [h] 35.9 mm

Solder pin [P] 4.6 mm

Pin spacing 15 mm

Hole diameter 1.7 mm

General

Range of articles SPT 16/..-V

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I_N 76 A

Nominal cross section 16 mm²

Maximum load current 76 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 18 mm

Number of positions 1

Connection data

Conductor cross section solid min. 0.75 mm²

Conductor cross section solid max. 16 mm²

Conductor cross section flexible min. 0.75 mm²

Conductor cross section flexible max. 16 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.75 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²

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

Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 4

2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 1-V-10,00 PIN4,6 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.