

INDUSTRIAL COMPONENT DATA

SPT 16/ 1-V-10,0 1735862 PHOENIX CONTACT PCB terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 1-V-10,0
Catalog number	1735862
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-CD733CF1C2
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Product Overview

PCB terminal block

Terminal for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, family of articles: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 6, packaging type: boxed packaging. The sizing data refers only to the corresponding component. Air and leak lines to neighboring components must meet appropriate application standards.

PCB terminal, rated current: 76 A, reference voltage (III/2): 1000 V, nominal cross-section: 16 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, item range: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB plugging direction: 90°, color: green, Pin layout: Linear, Spindle length [P]: 4.1 mm, number of pins per potential: 6, packaging type: packed in a carton. The dimensions refer only to the component in question. Trailing lines and distances in the air from neighbouring components must meet the corresponding operating 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)
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Additional Product Information

Key Commercial Data

Orderkey 1735862

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 469 (C-1-2013)

GTIN 4046356179508

Weight per Piece (excluding packing) 9.510 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] 35.4 mm

Solder pin [P] 4.1 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

Cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 1-V-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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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