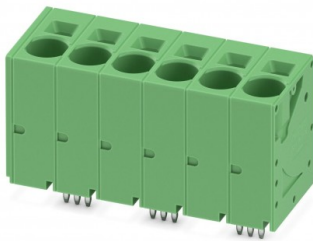


INDUSTRIAL COMPONENT DATA

SPT 16/ 6-V-10,0-ZB 1735914 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 6-V-10,0-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 6-V-10,0-ZB
Catalog number	1735914
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-1D65E368C4
Generated	2026-08-01

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, 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: Zigzag pins W, Pin length [P]: 4.1 mm, number of solder pins per potential: 3, packaging type: boxed

PCB terminal block, rated current: 76 A, dimensioning voltage (III/2): 1000 V, nominal cross-section: 16 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, product series: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/board connection direction: 90°, color: green, Pin layout: Zigzag pinning W, Pin length [P]: 4.1 mm, number of solder pins per potential: 3, Package type: packed in carton

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 1735914

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 469 (C-1-2013)

GTIN 4046356179553

Weight per Piece (excluding packing) 46.660 g

Custom tariff number 85369010

Country of origin BG (Bulgaria)

Dimensions

Length [l] 24.7 mm

Pitch 10 mm

Dimension a 50 mm

Width [w] 61.8 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 IN 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 6

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 secti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 6-V-10,0-ZB 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.