

INDUSTRIAL COMPONENT DATA

SPTA 16/ 7-10,0-ZB 1819257 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA 16/ 7-10,0-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPTA 16/ 7-10,0-ZB
Catalog number	1819257
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-1D9B8117A3
Generated	2026-08-04

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 76 A, rated voltage (III/2): 1000 V, rated cross-section: 16 mm², number of potentials: 7, number of rows: 1, number of poles per row: 7, 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: Zigzag Pins W, Pin length [P]: 4.1 mm, number of welding 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 1819257

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 27 (NTK-2014)

GTIN 4046356789189

Weight per Piece (excluding packing) 74.000 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 32.7 mm

Pitch 10 mm

Dimension a 60 mm

Width [w] 70 mm

Height 38.1 mm

Height [h] 42.2 mm

Solder pin [P] 4.1 mm

Pin spacing 15 mm

Hole diameter 1.7 mm

General

Range of articles SPTA 16/

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 ANominal cross section 16 mm²

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 18 mm

Number of positions 7

Connection dataConductor cross section solid min. 0.75 mm²Conductor cross section solid max. 10 mm²Conductor cross section flexible min. 0.75 mm²Conductor cross section flexible max. 16 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.75 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.75 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm²

Conductor cross section AWG min. 18

Conductor cross se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA 16/ 7-10,0-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.