

INDUSTRIAL COMPONENT DATA

SPT 16/ 1-V-10,0 BU 1712550 PHOENIX CONTACT Terminal for printed circuit board, rated voltage: 1000 V, pitch..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 1-V-10,0 BU
Catalog number	1712550
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-248895F56B
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, rated voltage: 1000 V, pitch: 10 mm, number of poles: 1, connection type: spring clamp push-in, mounting: Soldering by wave, color: blue

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/printed circuit board connection direction: 90 °, color: blue, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.1 mm, number of solder pins per potential: 6, packaging type: boxed

Printed circuit board terminal, nominal current: 76 A, rated voltage (III/2): 1000 V, nominal cross section: 16 mm², number of potentials: 1, number of rows: 1, number of positions per row: 1, product range: SPT 16/..-V, pitch: 10 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: blue, Pin layout: Linear pinning, Solder pin [P]: 4.1 mm, number of solder pins per potential: 6, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family SPT 16/..-V

Product line COMBICON Terminals XL

Number of positions 1

Pitch 10 mm
Number of connections 1
Number of rows 1
Number of potentials 1
Pin layout Linear pinning
Solder pins per potential 6
Data management status
Article revision 00
Electrical propertiesNominal current I_N 76 A
Nominal voltage U_N 1000 V
Rated voltage (III/3) 1000 V
Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 16 mm²
Conductor connection
Connection method Push-in spring connection
Conductor cross section rigid 0.75 mm² ... 16 mm² (Conductor connection with open terminal point)
0.75 mm² ... 16 mm² (Push-in connection)
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG 20 ... 4
Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.75 mm² ... 10 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.75 mm² ... 4 mm²
Stripping length 18 mm
MountingMounting type Wave soldering
Pin layout Linear pinning
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 1-V-10,0 BU 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.