

INDUSTRIAL COMPONENT DATA

SPT 16/10-V-10,0-ZF MIX 1381687 PHOENIX CONTACT PCB terminal, nominal current: 76 A, nominal voltage (III/2)..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/10-V-10,0-ZF MIX
Catalog number	1381687
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-6361B5FAAB
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Product Overview

PCB terminal, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal cross-section: 16 mm², number of rows: 1, number of poles per row: 10, article family: SPT 16/..-V, pitch: 10mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90°, color: green, Pin arrangement: Zigzag pins M, Pin length [P]: 4.1mm, number of solder pins per potential: 3, Packing Type: Boxed Packaging

PCB terminal block, nominal current: 76 A, rated voltage (III/2): 1000 V, nominal cross section: 16 mm², number of rows: 1, number of positions per row: 10, product range: SPT 16/..-V, pitch: 10 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green, Pin layout: Zigzag pinning M, Solder pin [P]: 4.1 mm, number of solder pins per potential: 3, 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)
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Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Terminals XL
Product type Printed circuit board terminal
Product family SPT 16/..-V
Number of positions 10
Pitch 10 mm
Number of rows 1
Pin layout Zigzag pinning M
Solder pins per potential 3

Electrical propertiesNominal current IN 76 A

Nominal voltage UN 1000 V

Degree of pollution 3

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 Zigzag pinning M

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal su...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/10-V-10,0-ZF MIX 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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