INDUSTRIAL COMPONENT DATA

SPC 16/ 3-STF-10,16 BK 1710323 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPC 16/ 3-STF-10,16 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPC 16/ 3-STF-10,16 BK
Catalog number	1710323
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-C6ACFFE4C6
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Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 16 mm², color: black, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: SPC 16/.. -STF, pitch: 10.16 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed
PCB connector, nominal cross section: 16 mm2, color: black, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: SPC 16/..-STF, pitch: 10.16 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON PC 16, locking: Screw locking mechanism, mounting: Screw flange, 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 PCB connector
Product family SPC 16/..-STF
Product line COMBICON Connectors XL
Number of positions 3
Pitch 10.16 mm

Number of connections 3
Number of rows 1
Number of potentials 3
Data management status
Article revision 01
Electrical propertiesNominal current IN 76 A
Nominal voltage UN 1000 V
Contact resistance 0.5 m?
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 Standard
Connector system COMBICON PC 16
Nominal cross section 16 mm²
Contact connection type Socket
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm ... 0.7 Nm
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.75 mm² ... 16 mm²
Conductor cross section flexible 0.75 mm² ... 16 mm²
Conductor cross section AWG 18 ... 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
Cylindrical gauge a x b / diameter - / 5.4 mm
Stripping length 18 mm
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers acco...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPC 16/ 3-STF-10,16 BK 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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