

INDUSTRIAL COMPONENT DATA

SPC 16/ 7-STF-10,16 1711420 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPC 16/ 7-STF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPC 16/ 7-STF-10,16
Catalog number	1711420
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-D0A7A8F459
Generated	2026-07-29

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 16 mm², color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, 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

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

Key Commercial Data

Orderkey 1711420

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4046356081177

Weight per Piece (excluding packing) 60.260 g

Custom tariff number 85366990

Country of origin IN (India)

Dimensions

Length [l] 44.5 mm

Width [w] 88.88 mm

Height [h] 25.1 mm

Pitch 10.16 mm

Dimension a 60.96 mm

General

Range of articles SPC 16/...-STF

Number of positions 7

Connection method Push-in spring connection

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 A

Nominal cross section 16 mm²

Maximum load current 76 A

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 18 mm

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 section AWG min. 18

Conductor cross section AWG max. 4

2 conductors with same c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPC 16/ 7-STF-10,16 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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