INDUSTRIAL COMPONENT DATA

SPC 5/ 3-ST-7,62 BDS:X5 SO 1701619 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPC 5/ 3-ST-7,62 BDS:X5 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPC 5/ 3-ST-7,62 BDS:X5 SO
Catalog number	1701619
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-F443D48523
Generated	2026-11-19

Product Overview

Plug
Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: SPC 5/.. -ST, pitch: 7.62 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON PC 5, locking: without, fixing type: without, 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 1701619
Packing unit 1
GTIN 4046356549561
Custom tariff number 85366990
Dimensions
Length [l] 38.5 mm
Width [w] 22.86 mm
Height [h] 19.8 mm
Pitch 7.62 mm

Dimension a 15.24 mm
General
Range of articles SPC 5/..-ST
Number of positions 3
Connection method Push-in spring connection
Rated voltage (III/3) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 41 A
Nominal cross section 6 mm²
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 10 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 4 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²
Minimum AWG according to UL/CUL 24
Maximum AWG according to UL/CUL 8
Specifications for ferrules
Recommended crimping pliers 1212034 CRIMPFOX 6
Ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.5 mm²; Length: 10 mm ... 15 mm
Cross section: 0.75 mm²; Length:...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPC 5/ 3-ST-7,62 BDS:X5 SO 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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