INDUSTRIAL COMPONENT DATA

SPC 5/ 3-STCL-7,62 BK 1757439 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPC 5/ 3-STCL-7,62 BK

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SPC 5/ 3-STCL-7,62 BK
Catalog number	1757439
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-AC152CC537
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 3, family of articles: SPC 5/.. -STCL, pitch: 7.62 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0 °, pin arrangement: Triple linear pin arrangement, clamping hook: - without clamping hook, plug-in system: COMBICON PC 5, locking: Clip lock, fixing type: Click & Lock locking clamp, packaging type: boxed
PCB connector, nominal cross section: 6 mm2, color: black, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of rows: 1, number of positions: 3, product range: SPC 5/..-STCL, pitch: 7.62 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, pin layout: Linear three-way pinning, locking clip: - without locking clip, plug-in system: COMBICON PC 5, locking: Clip locking, mounting: Click & Lock latching slide, 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 5/..-STCL
Product line COMBICON Connectors L
Number of positions 3
Pitch 7.62 mm

Number of rows 1
Mounting flange Click & Lock latching slide
Pin layout Linear three-way pinning
Data management status
Article revision 04
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 1000 V
Contact resistance 0.8 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 5
Nominal cross section 6 mm²
Contact connection type Socket
Interlock
Locking type Clip locking
Mounting flange Click & Lock latching slide
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 10 mm²
Conductor cross section flexible 0.2 mm² ... 6 mm²
Conductor cross section AWG 24 ... 8
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 6 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 4 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.25 mm² ... 1.5 mm²
Cylindrical gauge a x b / diameter 4.3 mm x 4.0 mm / 4.0 mm
Stripping length 15 mm
Specifications for ferrules without insulating collar
recommended crimping tool 121203...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPC 5/ 3-STCL-7,62 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

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.