INDUSTRIAL COMPONENT DATA

PC 16/ 3-ST-10,16 BD:L3-L1 SO 1785090 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16/ 3-ST-10,16 BD:L3-L1 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 16/ 3-ST-10,16 BD:L3-L1 SO
Catalog number	1785090
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-157667F7EA
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Product Overview

Plug
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: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: PC 16/.. -ST, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: without, fixing type: without, packaging type: boxed PCB connector, nominal cross section: 16 mm2, color: green, 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: PC 16/..-ST, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON PC 16, locking: without, mounting: without, 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 PC 16/..-ST
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
Mounting flange without
Data management status
Article revision 02
Electrical propertiesNominal current IN 76 A
Nominal voltage UN 1000 V
Contact resistance 0.22 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 without
Mounting flange without
Conductor connection
Connection method Screw connection with tension sleeve
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 ... 6
Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 16 mm² (Only in connection with CRIMPFOX 16 S)
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 10 mm² (Only in connection with CRIMPFOX 16 S)
2 conductors with same cross section, solid 0.75 mm² ... 6 mm²
2 conductors with same cross section, flexible 0.75 mm² ... 6 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16/ 3-ST-10,16 BD:L3-L1 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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