INDUSTRIAL COMPONENT DATA

PC 6/ 3-ST-BUS-7,62 1044738 PHOENIX CONTACT Connector for printed circuit board, nominal current: 32 A, numb..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 3-ST-BUS-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 3-ST-BUS-7,62
Catalog number	1044738
Category	Cable connector
Minimum order	20 Pcs
Document ID	EO-3D97B6F0B4
Generated	2026-11-19

Product Overview

Connector for printed circuit board, nominal current: 32 A, number of poles: 3, pitch: 7.62 mm, connection type: displacement Connection, color: green, surface contacts: Tin
Connector for printed circuit board, nominal section: 16 mm², color: green, nominal current: 32 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 items: PC 6/.. -ST-BUS, pitch: 7.62 mm, connection type: Offset connection, screw clamping method: T15 Torx®, driver/printed circuit board connection direction: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 6, locking: without, fixing type: without, packaging type: packed in box

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 dataItem PropertiesProduct Type Printed Circuit Board Connector
Product Family PC 6/.. -ST-BUS
Product Line COMBICON Connectors L
Number of poles 3
Step 7.62 mm
Number of connections 3
Number of rows 1
Number of potentials 3
Clamping flange without

Data Maintenance Status
Article Review 02
Electrical PropertiesNominal Current IN 32 A
Nominal voltage UN 1000 V
Contact resistance 0.7 m?
Sizing voltage (III/3) 1000 V
Dimensioning transient voltage (III/3) 8 kV
Dimensioning voltage (III/2) 1000 V
Dimensioning Transient Voltage (III/2) 8 kV
Nominal voltage (II/2) 1000 V
Dimensioning transient voltage (II/2) 6 kV
Connection dataConnection technology
Connector System COMBICON PC 6
Nominal Section 16 mm²
Contact Connection Type Female
Blockade
Locking system without
Clamping flange without
Connecting Conductors
Connection type Scroll connection
Connection Direction Driver/PCB 0 °
Flexible conductor section 16 mm² (H07V-K/maximum outer diameter 8.1 mm)
Drive shape: screw head Torx® (T15)
Tightening torque 3 nm
Connecting Conductors
Connection type Scroll connection
Connection Direction Driver/PCB 0 °
Drive shape: screw head Torx® (T15)
Tightening torque 3 nm
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Malleable cast iron tinning
Metal surface of the terminal point (top layer) Tin (4 - 8 um Sn)
Metal surface contact area (top layer) Tin (4 - 8....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 3-ST-BUS-7,62 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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