

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-7C123CEF57
Generated	2026-08-04

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)
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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

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