

INDUSTRIAL COMPONENT DATA

QC 1/ 3-ST-BUS 1921683 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 1/ 3-ST-BUS



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 1/ 3-ST-BUS
Catalog number	1921683
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-A8DC63EAAB
Generated	2026-08-01

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1 mm², color: green, nominal current: 10 A, nominal voltage (III/2): 630 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: QC 1/.. -ST-BUS, pitch: 5 mm, connection type: Offset connection, connection direction conductor/printed circuit board: 90 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: packed in box, With this connector conductors can be looped from module to module without interruption

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 1921683

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 291 (C-1-2013)

GTIN 4017918606251

Weight per Piece (excluding packing) 6.020 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 29.2 mm

Width [w] 15.9 mm

Height [h] 15 mm

Pitch 5 mm

Dimension a 10 mm

General

Range of articles QC 1/-ST-BUS

Number of positions 3

Connection method Displacement connection

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 500 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 10 A

Nominal cross section 1 mm²Maximum load current 10 A (with 1 mm² conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Connection dataConductor cross section flexible min. 0.5 mm²Conductor cross section flexible max. 1 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 18

Minimum AWG according to UL/CUL 22

Maximum AWG according to UL/CUL 18

Wire diameter incl. insulation 2.5 mm

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 1/ 3-ST-BUS 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.