INDUSTRIAL COMPONENT DATA

QC 1/ 4-ST-BUS 1921696 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 1/ 4-ST-BUS



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 1/ 4-ST-BUS
Catalog number	1921696
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-C7B9E9D8FB
Generated	2026-11-18

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: 4, number of rows: 1, number of poles: 4, number of connections: 4, 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 1921696
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 291 (C-1-2013)
GTIN 4017918606268
Weight per Piece (excluding packing) 7.800 g
Custom tariff number 85366990
Country of origin PL (Poland)

Dimensions
Length [l] 29.2 mm
Width [w] 20.9 mm
Height [h] 15 mm
Pitch 5 mm
Dimension a 15 mm
General
Range of articles QC 1/..-ST-BUS
Number of positions 4
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 mm²
Maximum load current 10 A (with 1 mm² conductor cross section)
Insulating material PA
Flammability rating according to UL 94 V0
Connection data
Conductor cross section flexible min. 0.5 mm²
Conductor 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/ 4-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.