

INDUSTRIAL COMPONENT DATA

QC 1/16-STF-5,08 1883899 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 1/16-STF-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 1/16-STF-5,08
Catalog number	1883899
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-0811339EC5
Generated	2026-08-02

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: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: QC 1/.. -STF, pitch: 5.08 mm, connection type: Offset connection, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

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 1883899

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 291 (C-1-2013)

GTIN 4017918157906

Weight per Piece (excluding packing) 27.800 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 33.8 mm

Width [w] 91.29 mm

Height [h] 15 mm

Pitch 5.08 mm

Dimension a 76.2 mm

General

Range of articles QC 1/-STF

Number of positions 16

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 I_N 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 5.0272...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 1/16-STF-5,08 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.