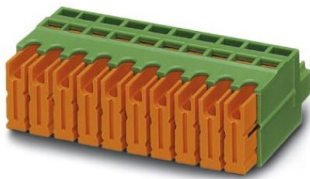


INDUSTRIAL COMPONENT DATA

QC 0,5/ 4-ST-3,81 BD2DI1-DI4 Q 1701877 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/ 4-ST-3,81 BD2DI1-DI4 Q



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 0,5/ 4-ST-3,81 BD2DI1-DI4 Q
Catalog number	1701877
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-5EF642A674
Generated	2026-08-05

Product Overview

Plug

Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 6 A, nominal voltage (III/2): 200 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 0.5/.. -ST, pitch: 3.81 mm, connection type: Offset connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, 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 1701877

Packing unit 1

GTIN 4046356564175

Custom tariff number 85366990

Dimensions

Pitch 3.81 mm

Dimension a 11.43 mm

General

Range of articles QC 0,5/..-ST

Number of positions 4

Connection method Displacement connection

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 200 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm²

Connection data

Conductor cross section flexible min. 0.34 mm²

Conductor cross section flexible max. 0.5 mm²

Conductor cross section AWG min. 22

Conductor cross section AWG max. 20

Wire diameter incl. insulation 2.2 mm

Standards and Regulations

Connection in acc. with standard EN-VDE

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 5.127260700eCl@ss 6.027260700eCl@ss
7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 3.0EC001121ETIM 4.0EC002638ETIM 5.0EC002638ETIM 6.0EC002638

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM for 1701877 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

4

Number of plug-in contact rows (EF006935)

1

Modular spacing c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/ 4-ST-3,81 BD2DI1-DI4 Q 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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