

**INDUSTRIAL COMPONENT DATA**

# QC 1/ 6-ST-5,08 1883297 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 1/ 6-ST-5,08



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | QC 1/ 6-ST-5,08 |
| Catalog number  | 1883297         |
| Category        | Cable connector |
| Minimum order   | 50 Pcs          |
| Document ID     | EO-E5B7063B28   |
| Generated       | 2026-07-28      |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1 mm<sup>2</sup>, color: green, nominal current: 10 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: QC 1/.. -ST, pitch: 5.08 mm, connection type: Offset connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross-section: 1 mm<sup>2</sup>, colour: green, rated current: 10 A, rated voltage (III/2): 630 V, contact surface: Sn, contact type: socket, number of potentials: 6, number of rows: 1, number of poles: 6, number of terminals: 6, article family: QC 1/.. -ST, Pitch: 5.08 mm, Connection type: Cutting connection, Connection direction conductor/board: 0 °, Locking hook: - Locking hook, Plug-in system: COMBICON MSTB 2.5, Locking: without, Fastening type: without, Packaging type: packed in a cardboard 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1883297

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4017918157753

Weight per Piece (excluding packing) 10.560 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [ l ] 33.8 mm

Width [ w ] 31.3 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 25.4 mm

General

Range of articles QC 1/-ST

Number of positions 6

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 mm<sup>2</sup>

Maximum load current 10 A (with 1 mm<sup>2</sup> conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section flexible min. 0.5 mm<sup>2</sup>

Conductor cross section flexible max. 1 mm<sup>2</sup>

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@s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 1/ 6-ST-5,08 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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