

## INDUSTRIAL COMPONENT DATA

# MCC 1/ 3-STZ-3,81 1852189 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCC 1/ 3-STZ-3,81



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | MCC 1/ 3-STZ-3,81 |
| Catalog number  | 1852189           |
| Category        | Cable connector   |
| Minimum order   | 50 Pcs            |
| Document ID     | EO-9C2D40D722     |
| Generated       | 2026-08-01        |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: MCC 1/.. -STZ, pitch: 3.81 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, locking: without, fixing type: without, packaging type: boxed, corresponding crimped female contacts, with indications regarding current [A] and conductor cross-section range [mm<sup>2</sup>]: 5A/MCC-MT 0.2-0.35 (1859988); 8A/MCC-MT 0.5-1.0 (1859991)

## 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 1852189

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918109066

Weight per Piece (excluding packing) 0.850 g

Custom tariff number 85366990

Country of origin PL (Poland)

**Dimensions**

Length [ l ] 23.1 mm

Width [ w ] 12.22 mm

Height [ h ] 8.7 mm

Pitch 3.81 mm

Dimension a 7.62 mm

**General**

Range of articles MCC 1/...-STZ

Number of positions 3

Connection method Crimp connection

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 8 ANominal cross section 1 mm<sup>2</sup>

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

**Connection data**Conductor cross section flexible min. 0.2 mm<sup>2</sup>Conductor cross section flexible max. 1 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 18

Minimum AWG according to UL/CUL 20

Maximum AWG according to UL/CUL 18

**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 5.127260700eCl@ss 6.027260700eCl@ss  
7.027440309eCl@ss 8.027440309eCl@ss 9....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCC 1/ 3-STZ-3,81 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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