

## INDUSTRIAL COMPONENT DATA

# MCC 1/12-STZF-3,81 1852464 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCC 1/12-STZF-3,81



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | MCC 1/12-STZF-3,81 |
| Catalog number  | 1852464            |
| Category        | Cable connector    |
| Minimum order   | 50 Pcs             |
| Document ID     | EO-8B98A613E7      |
| Generated       | 2026-07-31         |

### 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: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MCC 1/.. -STZF, pitch: 3.81 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, lock: Screw lock, fixing type: Air clamping (screw), packaging type: boxed, corresponding crimped female contacts, with indications regarding the current [A] and the range of conductor cross-sections [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 1852464

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 207 (C-1-2013)

GTIN 4017918143978

Weight per Piece (excluding packing) 4.310 g

Custom tariff number 85366990

Country of origin PL (Poland)

**Dimensions**

Length [ l ] 23.1 mm

Width [ w ] 56.11 mm

Height [ h ] 8.7 mm

Pitch 3.81 mm

Dimension a 41.91 mm

**General**

Range of articles MCC 1/...-STZF

Number of positions 12

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 8.02744030...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCC 1/12-STZF-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

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.