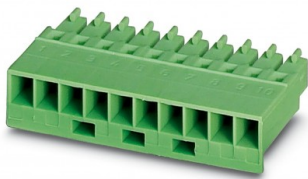


## INDUSTRIAL COMPONENT DATA

# MCC 1/ 2-STZ-3,81 BK 1753705 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCC 1/ 2-STZ-3,81 BK



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | MCC 1/ 2-STZ-3,81 BK |
| Catalog number  | 1753705              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-35E9D501FE        |
| Generated       | 2026-08-05           |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MCC 1/..-STZ, pitch: 3.81 mm, connection type: Crimped connection, conductor connection direction/printed circuit board: 0 °, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross section: 1 mm<sup>2</sup>, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: MCC 1/..-STZ, pitch: 3.81 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type PCB connector

Product family MCC 1/..-STZ

Product line COMBICON Connectors S

Number of positions 2

Pitch 3.81 mm

Number of connections 2

Number of rows 1

Number of potentials 2  
Mounting flange without  
Data management status  
Article revision 00  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 160 V  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 320 V  
Rated surge voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Type Standard  
Connector system COMBICON MC 1,5  
Nominal cross section 1 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type without  
Mounting flange without  
Conductor connection  
Connection method Crimp connection  
Conductor/PCB connection direction 0 °  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 18  
Material specificationsMaterial data - contact  
Metal surface contact area (top layer) Tin (Sn)  
Material data - housing  
Color (Housing) black (9005)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to EN 60695-10-2 125 °C  
DimensionsDimensional drawing  
Pitch 3.81 mm  
Width [w] 8.41 mm  
Height [h] 8.7 mm  
Length [l] 23.1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCC 1/ 2-STZ-3,81 BK 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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