

## INDUSTRIAL COMPONENT DATA

# FK-MCP 1,5/ 3-ST-3,81 BK 1800271 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/ 3-ST-3,81 BK



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | FK-MCP 1,5/ 3-ST-3,81 BK |
| Catalog number  | 1800271                  |
| Category        | Cable connector          |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-706F738D09            |
| Generated       | 2026-08-06               |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: FK-MCP 1.5/.. -ST, pitch: 3.81 mm, connection type: Push-in spring connection, driver/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 1800271

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356362313

Weight per Piece (excluding packing) 3.130 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 21 mm

Width [ w ] 12.22 mm

Height [ h ] 12.4 mm

Pitch 3.81 mm

Dimension a 7.62 mm

General

Range of articles FK-MCP 1,5/...-ST

Number of positions 3

Connection method Push-in spring connection

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 8 A

Nominal cross section 1.5 mm<sup>2</sup>

Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

Minimum AWG according to UL/CUL 28

Maximum AWG according to UL/CUL 16

Specifications for ferrules

Recommended crimping pliers 1212034 CRIMPFOX 6

Ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.25 mm<sup>2</sup>; Length: 7 mm ... 9 mm

Cross section: 0.34 mm<sup>2</sup>; Length: 7 mm ... 9 mm

Cross section: 0.5 mm<sup>2</sup>

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/ 3-ST-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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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