

**INDUSTRIAL COMPONENT DATA**

# FMC 1,5/ 5-ST-3,81 BK 1806778 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | FMC 1,5/ 5-ST-3,81 BK |
| Catalog number  | 1806778               |
| Category        | Cable connector       |
| Minimum order   | 50 Pcs                |
| Document ID     | EO-8D5937986C         |
| Generated       | 2026-08-05            |

### 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: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: FMC 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

PCB connector, nominal cross-section: 1.5 mm<sup>2</sup>, colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, product series: FMC 1.5/.. -ST, pitch: 3.81 mm, connection type: Push-in spring connection, conductor/board connection direction: 0°, plug system: COMBICON FMC 1.5 - MCDN 1.5, locking: none, fixing type: none, packaging type: packed in carton

**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 1806778

Packing unit 1

GTIN 4046356694056

Custom tariff number 85366990

**Dimensions**

Length [ l ] 22.9 mm

Width [ w ] 19.49 mm

Height [ h ] 7.75 mm

Pitch 3.81 mm

Dimension a 15.24 mm

**General**

Range of articles FMC 1,5/...-ST

Number of positions 5

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 ANominal cross section 1.5 mm<sup>2</sup>**Connection data**Conductor cross section solid min. 0.2 mm<sup>2</sup>Conductor cross section solid max. 1.5 mm<sup>2</sup>Conductor cross section flexible min. 0.2 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. 24

Conductor cross section AWG max. 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: 5 mm ... 7 mmCross section: 0.34 mm<sup>2</sup>; Length: 7 mmCross section: 0.5 mm<sup>2</sup>; Length: 8 mm ... 10 mmCross section: 0.75 mm<sup>2</sup>; Length: 8 mm ... 10 mmCross section: 1 mm<sup>2</sup>; Length: 8 mm ... 10 mmCross section: 1.5 mm<sup>2</sup>; Length: 10 mm**Standards and Regulations**

Connection in acc. with standard EN-VDE

En...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / FMC 1,5/ 5-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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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