

**INDUSTRIAL COMPONENT DATA**

# FMC 1,5/ 3-ST-3,81 1745904 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | FMC 1,5/ 3-ST-3,81 |
| Catalog number  | 1745904            |
| Category        | Cable connector    |
| Minimum order   | 250 Pcs            |
| Document ID     | EO-894AEE64F0      |
| Generated       | 2026-07-28         |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: green, 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: 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

**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 &gt; PCB Connectors (PCC)

### Additional Product Information

Key Commercial Data

Orderkey 1745904

Packing unit 250 pc

Catalog page Page 200 (C-1-2013)

GTIN 4046356311021

Weight per Piece (excluding packing) 1.740 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 21.9 mm

Width [ w ] 11.87 mm

Height [ h ] 7.75 mm

Pitch 3.81 mm

Dimension a 7.62 mm

General

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

Number of positions 3

Connection method Push-in spring 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  $I_N$  8 A

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

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 10 mm

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. 1 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Minimum AWG according to UL...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 1,5/ 3-ST-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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