

**INDUSTRIAL COMPONENT DATA**

# FK-MC 0,5/10-ST-2,5 1881406 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/10-ST-2,5



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | FK-MC 0,5/10-ST-2,5 |
| Catalog number  | 1881406             |
| Category        | Cable connector     |
| Minimum order   | 50 Pcs              |
| Document ID     | EO-2C7C61C2A0       |
| Generated       | 2026-07-31          |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, article family: FK-MC 0.5/.. -ST, pitch: 2.5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON FK-MC 0.5, 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 1881406

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 168 (C-1-2013)

GTIN 4017918156657

Weight per Piece (excluding packing) 6.150 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 19.05 mm

Width [ w ] 25.6 mm

Height [ h ] 11.75 mm

Pitch 2.5 mm

Dimension a 22.5 mm

#### General

Range of articles FK-MC 0,5/...-ST

Insulating material group I

Rated surge voltage (III/3) 1.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 4 A

Nominal voltage UN 100 V

Nominal cross section 0.5 mm<sup>2</sup>

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 10

#### Connection data

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

Conductor cross section solid max. 0.5 mm<sup>2</sup>

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

Conductor cross section flexible max. 0.5 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. 0.5 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

Minimum AWG according to UL/CUL 28

Maximum AWG according to UL/CUL 20

#### Standards and Regulations

Connection in acc. with standard EN-VDE

#### CUL

Flammability rating according to UL 94 V0

#### Ambient conditions

Ambient temperature (storage/transport) -40 °C ... 70 °C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/10-ST-2,5 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

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