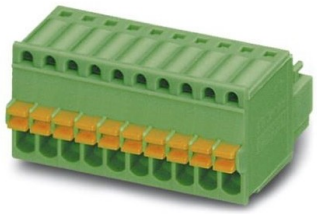
INDUSTRIAL COMPONENT DATA

# FK-MC 0,5/ 5-ST-2,5 1881354 PHOENIX CONTACT Printed-circuit board connector

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | FK-MC 0,5/ 5-ST-2,5 |
| Catalog number | 1881354 |
| Category | Cable connector |
| Minimum order | 50 Pcs |
| Document ID | EO-A1B8CFB617 |
| Generated | 2026-11-19 |

## 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: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: 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 > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1881354
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 168 (C-1-2013)
GTIN 4017918156602
Weight per Piece (excluding packing) 2.880 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions

Length [ l ] 19.05 mm
Width [ w ] 13.1 mm
Height [ h ] 11.75 mm
Pitch 2.5 mm
Dimension a 10 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 mm²
Insulating material PA
Flammability rating according to UL 94 V0
Stripping length 8 mm
Number of positions 5
Connection data
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 0.5 mm²
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²
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
A...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 5-ST-2,5 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.