

INDUSTRIAL COMPONENT DATA

FK-MCP 1,5/ 2-ST-3,81 1851041 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/ 2-ST-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MCP 1,5/ 2-ST-3,81
Catalog number	1851041
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-A5E8731FB3
Generated	2026-08-03

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1851041

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 198 (C-1-2013)

GTIN 4017918109967

Weight per Piece (excluding packing) 1.870 g

Custom tariff number 85366990

Country of origin DE (Germany)

Item properties

Brief article description PCB connector

Plug-in system MINI COMBICON

Type of contact Female connector

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

Pitch 3.81 mm

Number of positions 2

Connection method Push-in spring connection

Locking without

Number of levels 1

Number of connections 2

Number of potentials 2

Electrical parameters

Rated current 8 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²

Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / -

Stripping length 9 mm

Specifications for ferrules

Recommended crimping pliers 1212034 CRIMPFOX 6

Ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.25 mm²; Length: 7 mm ... 9 mm

Cross section: 0.34 mm²; Length: 7 mm ... 9 mm

Cross section: 0.5 mm²; Length: 8 mm ... 9 mm

Cross section: 0.75 mm²; Length: 8 mm ... 9 mm

Cross section: 1 mm²; Length: 8 mm ... 9 mm

Cross section: 1.5 mm²; Length...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/ 2-ST-3,81 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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