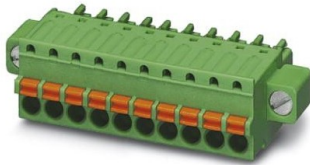


INDUSTRIAL COMPONENT DATA

FK-MCP 1,5/ 6-STF-3,81BD:A1-A6 1701986 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/ 6-STF-3,81BD:A1-A6



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MCP 1,5/ 6-STF-3,81BD:A1-A6
Catalog number	1701986
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-8EF38F3447
Generated	2026-08-06

Product Overview

Plug

Connector for printed circuit board, nominal section: 1.5 mm², color: green, nominal current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Tin, contact type: Female connection, Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, number of connections: 6, family of articles: FK-MCP 1.5/.. -STF, pitch: 3.81mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, Stecksystm: MINI COMBICON, Locking: Screw locking, 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 1701986

Packing unit 1

GTIN 4046356569033

Custom tariff number 85366990

Dimensions

Length [l] 20.8 mm

Width [w] 33.25 mm

Height [h] 12.4 mm

Pitch 3.81 mm

Dimension a 19.05 mm

General

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

Number of positions 6

Connection method Push-in spring connection

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Nominal cross section 1.5 mm²

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1.5 mm²

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

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

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

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

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

Minimum AWG according to UL/CUL 28

Maximum AWG according to UL/CUL 16

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;....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/ 6-STF-3,81BD:A1-A6 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

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