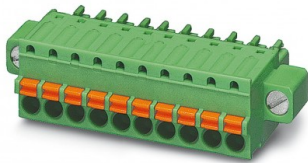


INDUSTRIAL COMPONENT DATA

FK-MCP 1,5/16-STF-3,5BD:-80Q 1107003 PHOENIX CONTACT

Connector for printed circuit board, number of poles: 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/16-STF-3,5BD:-80Q



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MCP 1,5/16-STF-3,5BD:-80Q
Catalog number	1107003
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-E9D82947D3
Generated	2026-08-05

Product Overview

Connector for printed circuit board, number of poles: 16, pitch: 3.5 mm, color: green

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 rows: 1, number of poles: 16, family of articles: FK-MCP 1.5/..-STF, pitch: 3.5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, locking: Screw lock, fixing type: Air clamping (screw)

PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of rows: 1, number of positions: 16, product range: FK-MCP 1,5/..-STF, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector

Product family FK-MCP 1,5/..-STF

Product line COMBICON Connectors S

Number of positions 16

Pitch 3.5 mm

Number of rows 1

Data management status

Article revision 01

Electrical propertiesNominal current I_N 8 A

Nominal voltage U_N 160 V

Contact resistance 2 m Ω

Rated voltage (III/3) 160 V

Rated surge voltage (III/3) 2.5 kV

Rated voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 320 V

Rated surge voltage (II/2) 2.5 kV

Connection dataConnection technology

Type Standard

Connector system COMBICON MC 1,5

Nominal cross section 1.5 mm²

Contact connection type Socket

Interlock

Locking type Screw locking mechanism

Mounting flange Screw flange

Tightening torque 0.3 Nm

Conductor connection

Connection method Push-in spring connection

Conductor/PCB connection direction 0 °

Conductor cross section rigid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG 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 ... 0.5 mm²

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

Stripping length 9 mm

Specifications for ferrules without insulating collar

recommended crimping tool 1212034 CRIMPFOX 6

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

Cross section: 0.34 mm²; Length: 7 mm

Cross sec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/16-STF-3,5BD:-80Q 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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