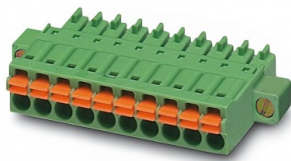


INDUSTRIAL COMPONENT DATA

FMC 1,5/ 6-STF-3,81 BD:GND,2B 1073022 PHOENIX CONTACT

Plug-in connector for plate circ. printed

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 1,5/ 6-STF-3,81 BD:GND,2B



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 1,5/ 6-STF-3,81 BD:GND,2B
Catalog number	1073022
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-44AD0835B1
Generated	2026-08-05

Product Overview

Plug-in connector for plate circ. printed

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: 6, family of articles: FMC 1.5/.. -STF, pitch: 3.81 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: Screw lock, fixing type: Air clamping (screw)

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

Technical dataItem PropertiesProduct Type Printed Circuit Board Connector

Product Family FMC 1.5/.. -STF

Product Line COMBICON Connectors S

Number of poles 6

Step 3.81 mm

Number of rows 1

Data Maintenance Status

Article Review 00

Electrical PropertiesNominal Current IN 8 A

Nominal voltage UN 160 V

Contact resistance 1.8 mΩ

Sizing voltage (III/3) 160 V
Dimensioning transient voltage (III/3) 2.5 kV
Dimensioning voltage (III/2) 160 V
Dimensioning Transient Voltage (III/2) 2.5 kV
Nominal voltage (II/2) 320 V
Dimensioning transient voltage (II/2) 2.5 kV
Connection dataConnection technology
Construction Standard
Connector System COMBICON FMC 1.5 - MCDN 1.5
Nominal Section 1.5 mm²
Contact Connection Type Female
Blockade
Locking system Screw lock
Clamping flange Overhead clamping (screw)
Tightening torque 0.3 Nm
Connecting Conductors
Connection type Push-in spring connection
Connection Direction Driver/PCB 0 °
Rigid conductor section 0.2 mm² ... 1.5 mm²
Flexible conductor section 0.2 mm² ... 1.5 mm²
AWG Conductor Section 24 ... 16
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 1.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.14 mm² ... 0.75 mm²
Male gauge a x b / Diameter 2.4 mm x 1.5 mm / 1.6 mm
Peel Length 10 mm
Facts about toe caps without an insulated collar
Recommended crimp pliers 1212034 CRIMPFOX 6
toe caps without insulating collar, according to DIN 46228-1 Cross-section: 0.25 mm²; Length: 7 mm
Cross-section: 0.34 mm²; Leng...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 1.5/ 6-STF-3,81 BD:GND,2B 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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