

INDUSTRIAL COMPONENT DATA

FMC 1,5/ 2-STF-3,81 1748354 PHOENIX CONTACT

Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 1,5/ 2-STF-3,81
Catalog number	1748354
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-87B7FD714D
Generated	2026-07-31

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: FMC 1.5/.. -STF, 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: Screw lock, fixing type: Air clamp (screw), 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 1748354

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356311397

Weight per Piece (excluding packing) 2.240 g

Custom tariff number 85366990

Country of origin DE (Germany)

Item properties

Brief article description Printed-circuit board connector

Plug-in system MINI COMBICON

Type of contact Female connector

Range of articles FMC 1,5/...-STF

Pitch 3.81 mm

Number of positions 2

Connection method Push-in spring connection

Locking Screw flange

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 0.2 mm² ... 1.5 mm²

Conductor cross section flexible 0.2 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 24 ... 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 ... 1 mm²

Stripping length 10 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: 5 mm ... 7 mm

Cross section: 0.34 mm²; Length: 7 mm

Cross section: 0.5 mm²; Length: 8 mm ... 10 mm

Cross section: 0.75 mm²; Length: 8 mm ... 10 mm

Cross section: 1 mm²; Length: 8 mm ... 10 mm

Cross section: 1.5 mm²; Length: 10 mm

Recommended crimping pliers 1212034....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 1,5/ 2-STF-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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