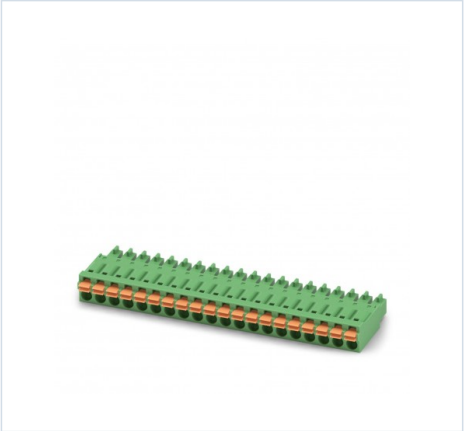
INDUSTRIAL COMPONENT DATA

FMC 1,5/20-ST-3,81 1748150 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 1,5/20-ST-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 1,5/20-ST-3,81
Catalog number	1748150
Category	Cable connector
Minimum order	2000 Pcs
Document ID	EO-13733C9AD7
Generated	2026-11-19

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: 20, number of rows: 1, number of poles: 20, number of connections: 20, family of articles: FMC 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
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 potentials: 20, number of rows: 1, number of positions: 20, number of connections: 20, product range: FMC 1,5/..-ST, pitch: 3.81 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON FMC 1,5 - MCDN 1,5, locking: without, mounting: without, 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 FMC 1,5/..-ST
Product line COMBICON Connectors S
Type Standard
Number of positions 20

Pitch 3.81 mm
Number of connections 20
Number of rows 1
Number of potentials 20
Mounting flange without
Data management status
Article revision 05
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Contact resistance 1.5 m?
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 FMC 1,5 - MCDN 1,5
Nominal cross section 1.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1.5 mm²
Conductor cross section AWG 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 0.14 mm² ... 0.75 mm²
Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / 1.6 mm
Stripping length 10 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; Len...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 1,5/20-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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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