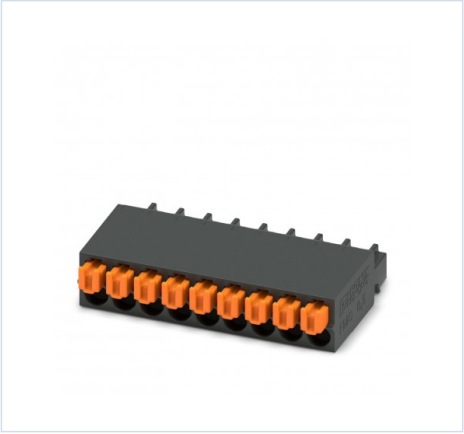
INDUSTRIAL COMPONENT DATA

FMC 0,5/ 9-ST-2,54 1821164 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/ 9-ST-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/ 9-ST-2,54
Catalog number	1821164
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-AF601279F1
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, family of articles: FMC 0.5/.. -ST, pitch: 2.54mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON FMC 0.5, lock: without, fixing type: without, packaging type: boxed
PCB connector, nominal cross-section: 0.5 mm2, colour: black, rated current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Au, contact connection type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, product series: FMC 0.5/.. -ST, pitch: 2.54 mm, connection type: Push-in spring connection, conductor/board connection direction: 0 °, plug system: COMBICON FMC 0.5, locking: none, fixing type: none, packaging type: packed in carton

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

Key Commercial Data
Orderkey 1821164
Packing unit 100 pc
Catalog page Page 174 (C-1-2013)
GTIN 4046356789325

Weight per Piece (excluding packing) 2.200 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [l] 14 mm
Width [w] 23.36 mm
Height [h] 5.35 mm
Pitch 2.54 mm
Dimension a 20.32 mm
General
Range of articles FMC 0,5/..-ST
Number of positions 9
Connection method Push-in spring connection
Insulating material group IIIa
Rated surge voltage (III/3) 2.5 kV
Rated surge voltage (III/2) 2.5 kV
Rated surge voltage (II/2) 2.5 kV
Rated voltage (III/3) 32 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 160 V
Connection in acc. with standard EN-VDE
Nominal current IN 6 A
Nominal cross section 0.5 mm²
Insulating material LCP
Flammability rating according to UL 94 V0
Stripping length 7 mm
Connection data
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 0.5 mm²
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.25 mm²
Conductor cross section AWG min. 26
Conductor cross section AWG max. 20
Standards and Regulations
Connection in acc. with standard EN-VDE
Flammabil...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/ 9-ST-2,54 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.