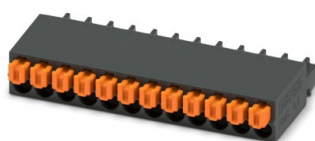


INDUSTRIAL COMPONENT DATA

FMC 0,5/12-ST-2,54 1821193 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/12-ST-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/12-ST-2,54
Catalog number	1821193
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-B0552C9A75
Generated	2026-08-03

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: 12, number of rows: 1, number of poles: 12, number of connections: 12, 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: 12, number of rows: 1, number of poles: 12, number of connections: 12, 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 1821193

Packing unit 100 pc

Note Made to Order (non-returnable)

Catalog page Page 174 (C-1-2013)

GTIN 4046356789356

Weight per Piece (excluding packing) 3.000 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 14 mm

Width [w] 30.98 mm

Height [h] 5.35 mm

Pitch 2.54 mm

Dimension a 27.94 mm

General

Range of articles FMC 0,5/...-ST

Number of positions 12

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 i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/12-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

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