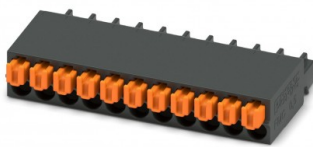


INDUSTRIAL COMPONENT DATA

FMC 0,5/11-ST-2,54 1821180 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/11-ST-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 0,5/11-ST-2,54
Catalog number	1821180
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-0772733B06
Generated	2026-08-05

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: 11, number of rows: 1, number of poles: 11, number of connections: 11, 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

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 1821180

Packing unit 100 pc

Catalog page Page 174 (C-1-2013)

GTIN 4046356789349

Weight per Piece (excluding packing) 2.800 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 14 mm

Width [w] 28.44 mm

Height [h] 5.35 mm

Pitch 2.54 mm

Dimension a 25.4 mm

General

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

Number of positions 11

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 I_N 6 A

Nominal cross section 0.5 mm²

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

General information

Type of note Notes on operation

Note In accordance with IEC 61984, COMBICON con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/11-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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