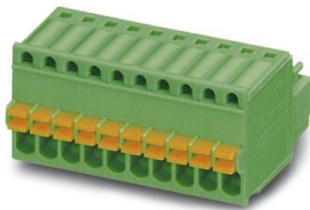


INDUSTRIAL COMPONENT DATA

FK-MC 0,5/ 5-ST-2,5 AU 1925537 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 5-ST-2,5 AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/ 5-ST-2,5 AU
Catalog number	1925537
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-8EF0A90522
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: FK-MC 0.5/. -ST, pitch: 2.5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON FK-MC 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 1925537

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918594503

Weight per Piece (excluding packing) 2.920 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 19.5 mm

Width [w] 13.1 mm

Height [h] 11.75 mm

Pitch 2.5 mm

Dimension a 10 mm

General

Range of articles FK-MC 0,5/...-ST

Number of positions 5

Connection method Push-in spring connection

Rated voltage (III/3) 100 V

Connection in acc. with standard EN-VDE

Nominal current I_N 4 A

Nominal cross section 0.5 mm²

Stripping length 8 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. 0.5 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

Minimum AWG according to UL/CUL 28

Maximum AWG according to UL/CUL 20

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss
7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 3.0EC0011...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 5-ST-2,5 AU 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.