

INDUSTRIAL COMPONENT DATA

FK-MC 0,5/ 2-ST-2,5 BD:1,2 MQ 1707637 PHOENIX CONTACT

Plug-in part, rated current: 4 A, number of poles: 2, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 2-ST-2,5 BD:1,2 MQ



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/ 2-ST-2,5 BD:1,2 MQ
Catalog number	1707637
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-B202D46EDF
Generated	2026-08-03

Product Overview

Plug-in part, rated current: 4 A, number of poles: 2, pitch: 2.5 mm, connection type: Push-in spring connection, color: green, contact surface: Tin

Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, 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

Plug component, nominal current: 4 A, number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Your advantages

Time saving push-in connection, tools not required
Defined contact force ensures that contact remains stable over the long term
Intuitive use through colour coded actuation lever
Operation and conductor connection from one direction enable integration into front of device
Quick and convenient testing using integrated test option

Key Commercial Data
Orderkey 1707637

Packing unit 1

GTIN 4046356939065

Custom tariff number 85366990

Electrical parameters

Rated current 4 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 0.5 mm²

Conductor cross section flexible 0.14 mm² ... 0.5 mm²

Conductor cross section AWG / kcmil 26 ... 20

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Cylindrical gauge a x b / diameter - / 1.4 mm

Stripping length 8 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics hot-dip tin-plated

Material data - housing

Insulating material PA

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the bal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 2-ST-2,5 BD:1,2 MQ 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.