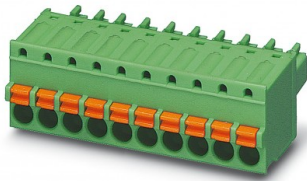


INDUSTRIAL COMPONENT DATA

FK-MCP 1,5/ 8-ST-3,81GY31BDWH8 1710642 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/ 8-ST-3,81GY31BDWH8



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MCP 1,5/ 8-ST-3,81GY31BDWH8
Catalog number	1710642
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-15CE2F3729
Generated	2026-08-06

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm², color: bluish gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, article family: FK-MCP 1.5/.. -ST, pitch: 3.81 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross-section: 1.5 mm², colour: blue-grey, rated current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact type: socket, number of potentials: 8, number of rows: 1, number of poles: 8, number of terminals: 8, article family: FK-MCP 1,5/.. -ST, Pitch: 3.81 mm, Connection type: Push-in spring connection, Connection direction conductor/board: 0 °, Plug-in system: COMBICON MC 1.5, Locking: without, Mounting type: without, Packaging type: packed in a 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 1710642

Packing unit 1

GTIN 4055626169965

Custom tariff number 85366990

Dimensions

Length [l] 21 mm

Width [w] 31.27 mm

Height [h] 12.4 mm

Pitch 3.81 mm

Dimension a 26.67 mm

General

Range of articles FK-MCP 1,5/-ST

Number of positions 8

Connection method Push-in spring connection

Insulating material group I

Rated voltage (III/2) 160 V

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Flammability rating according to UL 94 V0

Specifications for ferrules

Recommended crimping pliers 1212034 CRIMPFOX 6

Ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.25 mm²; Length: 7 mm ... 9 mmCross section: 0.34 mm²; Length: 7 mm ... 9 mmCross section: 0.5 mm²; Length: 8 mm ... 9 mmCross section: 0.75 mm²; Length: 8 mm ... 9 mmCross section: 1 mm²; Length: 8 mm ... 9 mmCross section: 1.5 mm²; Length: 8 mm ... 9 mm**Standards and Regulations**

Flammability rating according to UL 94 V0

Environmental Product Compliance

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

No hazardous substances above threshold values

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 5.0EC002638ETIM 6.0EC002638

UNSPSC 13.239121409

ETIM for 1710642 Connectors (EC002638)

Feature Name**Feature Value**

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

8

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

3.81...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/ 8-ST-3,81GY31BDWH8 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.