

INDUSTRIAL COMPONENT DATA

MC 1,5/10-STF-3,81 BK 1713158 PHOENIX CONTACT

Connector for printed circuit board, nominal current: 8 A, num..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/10-STF-3,81 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/10-STF-3,81 BK
Catalog number	1713158
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-1DEC576F34
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Product Overview

Connector for printed circuit board, nominal current: 8 A, number of poles: 10, pitch: 3,81 mm, type of connection:

Connection by screw with capsule-traction, color: black, surface contacts: Tin

Connector for printed circuit board, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 10, family of articles: MC 1.5/.. -STF, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, driver/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, locking: Screw locking, fixing type: Overhead clamping (screw), 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)
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Additional Product Information

Technical dataItem PropertiesProduct Type Printed Circuit Board Connector

Product Family MC 1.5/.. -STF

Product Line COMBICON Connectors S

Number of poles 10

Step 3.81 mm

Number of rows 1

Data Maintenance Status

Article Review 01

Electrical PropertiesNominal Current IN 8 A

Nominal voltage UN 160 V

Contact resistance 1.3 m Ω

Sizing voltage (III/3) 160 V

Dimensioning transient voltage (III/3) 2.5 kV

Dimensioning voltage (III/2) 160 V

Dimensioning Transient Voltage (III/2) 2.5 kV

Nominal voltage (II/2) 320 V

Dimensioning transient voltage (II/2) 2.5 kV

Connection dataConnection technology

Construction Standard

Connector System COMBICON MC 1.5

Nominal Section 1.5 mm²

Contact Connection Type Female

Blockade

Locking system Screw lock

Clamping flange Overhead clamping (screw)

Tightening torque 0.3 Nm

Connecting Conductors

Connection type Screw connection with traction capsule

Connection Direction Driver/PCB 0 °

Rigid conductor section 0.14 mm² ... 1.5 mm²Flexible conductor section 0.14 mm² ... 1.5 mm²

AWG Conductor Section 28 ... 16

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 1.5 mm²Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 0.75 mm²2 conductors with the same cross-section, rigid 0.08 mm² ... 0.5 mm²2 conductors with the same cross-section, flexible 0.08 mm² ... 0.75 mm²2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm² ... 0.34 mm²

2 conductors with the same cross-section,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/10-STF-3,81 BK 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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