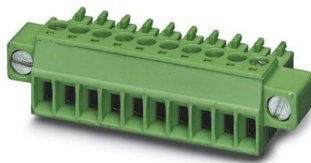


INDUSTRIAL COMPONENT DATA

MC 1,5/ 2-STF-3,81 AU 1845219 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 2-STF-3,81 AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MC 1,5/ 2-STF-3,81 AU
Catalog number	1845219
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-FA2EC754B9
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm², color: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, surface contacts: Gold, contact type: Connection female, Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, number of connections: 2, article family: MC 1,5/.. -STF, pitch: 3.81 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 0 °, Stecksystem: MINI COMBICON, Lock: Locking by screw, type of packaging: packed in box

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

Key Commercial Data

Orderkey 1845219

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918263881

Weight per Piece (excluding packing) 2.500 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 16.1 mm

Width [w] 18.01 mm

Height [h] 11.1 mm

Pitch 3.81 mm

Dimension a 3.81 mm

General

Range of articles MC 1,5/..-STF

Number of positions 2

Connection method Screw connection with tension sleeve

Insulating material group I

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) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1.5 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 28

Conductor cross section AW...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 2-STF-3,81 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

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