

INDUSTRIAL COMPONENT DATA

MCC 1/16-STZF-3,81 1852503 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCC 1/16-STZF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCC 1/16-STZF-3,81
Catalog number	1852503
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-07AB19F6D8
Generated	2026-08-02

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact type: Female, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: MCC 1/.. -STZF, pitch: 3.81 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, lock: Screw lock, fixing type: Air clamping (screw), packaging type: boxed, corresponding crimped female contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm²]: 5A/MCC-MT 0.2-0.35 (1859988); 8A/MCC-MT 0.5-1.0 (1859991)

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 1852503

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4017918144012

Weight per Piece (excluding packing) 5.410 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 23.1 mm

Width [w] 71.35 mm

Height [h] 8.7 mm

Pitch 3.81 mm

Dimension a 57.15 mm

General

Range of articles MCC 1/...-STZF

Number of positions 16

Connection method Crimp connection

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 mm²

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Connection dataConductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 1 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 18

Minimum AWG according to UL/CUL 20

Maximum AWG according to UL/CUL 18

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

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

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7.027440309eCl@ss 8.02744030...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCC 1/16-STZF-3,81 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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