

INDUSTRIAL COMPONENT DATA

MCC 1/ 5-STZF-3,81 1852396 PHOENIX CONTACT Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCC 1/ 5-STZF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCC 1/ 5-STZF-3,81
Catalog number	1852396
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-E2125C97B1
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Product Overview

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

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: 5, number of rows: 1, number of poles: 5, number of connections: 5, 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

Dimensions

Pitch 3.81 mm

Dimension a 15.24 mm

General

Range of articles MCC 1/..-STZF

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 I_N 8 A
Nominal cross section 1 mm²
Maximum load current 8 A
Insulating material PA
Flammability rating according to UL 94 V0
Number of positions 5
Connection data
Conductor cross section flexible min. 0.2 mm²
Conductor 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
ETIM for 1852396 Connectors (EC002638)
Feature Name
Feature Value
Type of connection (EF000064)
Other
Contact type (EF001587)
Bus
Number of poles (EF001391)
5
Number of plug-in contact rows (EF006935)
1
Modular spacing contacts (EF007326)
3.81 mm
Modular spacing connections (EF006827)
3.81 mm
Angle contact/conductor connection (EF007546)
Other
Rated current I_n (EF008250)
8 A
Rated voltage (EF000228)
160 V
Rated surge voltage (EF002993)
2.5 kV
Over voltage category (EF006785)
III
Pollution degree (EF006786)
2
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Type of electric connection (EF003961)

Crimp connection

Connectable cable type (EF006816)

Tubular cable

Material insulation body (EF007543)

P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCC 1/ 5-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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