INDUSTRIAL COMPONENT DATA

FRONT-MC 1,5/ 8-STF-3,81 CN1 1703046 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT-MC 1,5/ 8-STF-3,81 CN1



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT-MC 1,5/ 8-STF-3,81 CN1
Catalog number	1703046
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-1DCFE28AED
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 1.5 mm², color: green, nominal current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Tin, contact type: Female connection, Number of potentials: 8, Number of rows: 1, Number of poles per row: 8, number of connections: 8, family of articles: FRONT-MC 1.5/.. -STF, pitch: 3.81 mm, connection type: Front screw connection, conductor/printed circuit board connection direction: 0 °, Stecksystem:MINI COMBICON, Lock: Screw lock, 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)

Additional Product Information

Key Commercial Data
Orderkey 1703046
Packing unit 1
GTIN 4046356633826
Custom tariff number 85366990
Dimensions
Length [l] 21.7 mm
Width [w] 40.87 mm
Height [h] 12.3 mm
Pitch 3.81 mm

Dimension a 26.67 mm
General
Range of articles FRONT-MC 1,5/..-STF
Number of positions 8
Connection method Front screw connection
Rated voltage (III/3) 160 V
Connection in acc. with standard EN-VDE
Nominal current IN 8 A
Nominal cross section 1.5 mm²
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 AWG max. 16
2 conductors with same cross section, solid min. 0.14 mm²
2 conductors with same cross section, solid max. 0.5 mm²
2 conductors with same cross section, stranded min. 0.14 mm²
2 conductors with same cross section, stranded max. 0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.34 mm²
2 conductors with same cross section...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MC 1,5/ 8-STF-3,81 CN1 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.