INDUSTRIAL COMPONENT DATA

FMC 1,5/ 8-ST-3,81 GY31BDWH1-8 1093828 PHOENIX CONTACT Connector for printed circuit board, nominal current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 1,5/ 8-ST-3,81 GY31BDWH1-8



Manufacturer	PHOENIX CONTACT
MPN / Reference	FMC 1,5/ 8-ST-3,81 GY31BDWH1-8
Catalog number	1093828
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-D070262BC7
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Product Overview

Connector for printed circuit board, nominal current: 8 A, number of poles: 8, pitch: 3,81 mm, type of connection: spring clamp push-in, color: bluish-gray, surface contacts: Tin
Connector for printed circuit board, nominal section: 1.5 mm², color: bluish gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 8, family of articles: FMC 1.5/.. -ST, pitch: 3.81 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Connector
Product Family FMC 1.5/.. -ST
Product Line COMBICON Connectors S
Number of poles 8
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 1.5 m?
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 FMC 1.5 - MCDN 1.5
Nominal Section 1.5 mm²
Contact Connection Type Female
Blockade
Locking system without
Clamping flange without
Connecting Conductors
Connection type Push-in spring connection
Connection Direction Driver/PCB 0 °
Rigid conductor section 0.2 mm² ... 1.5 mm²
Flexible conductor section 0.2 mm² ... 1.5 mm²
AWG Conductor Section 24 ... 16
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 1.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.14 mm² ... 0.75 mm²
Male gauge a x b / Diameter 2.4 mm x 1.5 mm / 1.6 mm
Peel Length 10 mm
Facts about toe caps without an insulated collar
Recommended crimp pliers 1212034 CRIMPFOX 6
toe caps without insulating collar, according to DIN 46228-1 Cross-section: 0.25 mm²; Length: 7 mm
Cross-section: 0.34 mm²; Length: 7 mm
Cross-section: 0.5 mm²; Length: 8 mm ....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 1,5/ 8-ST-3,81 GY31BDWH1-8 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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