INDUSTRIAL COMPONENT DATA

FRONT-MC 1,5/20-ST-3,81 BK 1800213 PHOENIX CONTACT Connector for printed circuit board, nominal current: 8 A..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT-MC 1,5/20-ST-3,81 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT-MC 1,5/20-ST-3,81 BK
Catalog number	1800213
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-E0BF0C6B32
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Product Overview

Connector for printed circuit board, nominal current: 8 A, number of poles: 20, pitch: 3,81 mm, type of connection: Connection by screw-on front, color: black, surface contacts: Tin
Connector for printed circuit board, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 20, number of rows: 1, number of poles: 20, number of connections: 20, family of articles: FRONT-MC 1.5/.. -ST, pitch: 3.81 mm, connection type: Front screw connection, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed
PCB connector, nominal cross-section: 1.5 mm2, colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: Female, number of potentials: 20, number of rows: 1, number of poles: 20, number of connections: 20, product series: FRONT-MC 1.5/.. -ST, pitch: 3.81 mm, connection type: Front screw connection, screw attachment form: L Longitudinal slot, conductor/board connection direction: 0 °, plug system: COMBICON MC 1.5, locking: none, fastening type: none, packaging type: packed in carton

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 dataArticle featuresProduct Type Printed circuit board connector
Product Family FRONT-MC 1.5/.. -ST
Product Line COMBICON Connectors S
Number of poles 20

Step 3.81 mm
Number of connections 20
Number of rows 1
Number of potentials 20
Data maintenance status
Article review 01
Electrical characteristicsRated Current IN 8 A
Rated voltage UN 160 V
Mass Resistivity 1.6 m?
Sizing voltage (III/3) 160 V
Sizing impulse voltage (III/3) 2.5 kV
Sizing voltage (III/2) 160 V
Sizing Impulse Voltage (III/2) 2.5 kV
Sizing voltage (II/2) 320 V
Sizing Impulse Voltage (II/2) 2.5 kV
Connection dataConnection technology
type Standard
Connector system COMBICON MC 1.5
Nominal cross-section 1.5 mm²
Contact Connection Type female
Blockage
Clamping Type absent
Fixing flange absent
Conductor connection
Link Front screw connection
Conductor/board connection direction 0 °
Rigid conductor cross-section 0.14 mm² ... 1.5 mm²
Flexible conductor cross-section 0.14 mm² ... 1.5 mm²
Conductor cross-section AWG 28 ... 16
Flexible conductor cross-section with cable lug without plastic collar 0.25 mm² ... 1.5 mm²
Flexible conductor cross-section with mounted lug and plastic collar 0.25 mm² ... 0.5 mm²
2 conductors of identical cross-section, rigid 0.14 mm² ... 0.5 mm²
2 conductors of identical flexible cross-section 0.14 mm² ... 0.75 mm²
2 conductors of the same flexible cross-section with ferrule without plastic collar 0.25 mm² ... 0.34 mm²
2 conductors of identical cross-section flexible with TWIN ferrul...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MC 1,5/20-ST-3,81 BK 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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