INDUSTRIAL COMPONENT DATA

# MC 1,5/ 2-ST-3,81 BK 1827635 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 2-ST-3,81 BK**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MC 1,5/ 2-ST-3,81 BK |
| Catalog number | 1827635 |
| Category | Cable connector |
| Minimum order | 100 Pcs |
| Document ID | EO-D2C1649BE0 |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
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: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MC 1.5/.. -ST, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, pin arrangement: Triple linear pin arrangement, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed PCB connector, nominal cross-section: 1.5 mm2, color: black, rated current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact type: socket, number of potentials: 2, number of rows: 1, number of poles: 2, number of terminals: 2, article family: MC 1,5/.. -ST, Pitch: 3.81 mm, Connection Type: Screw Connection with Pull Sleeve, Screw Attack Shape: L Longitudinal Slot, Connection Direction Conductor/Board: 0 °, Pin Layout: Linear Triple Pinning, Plug-in System: COMBICON MC 1.5, Locking: Without, Mounting Type: Without, 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

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| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1827635
Packing unit 50 pc
Minimum order quantity 50 pc
GTIN 4017918330361

Weight per Piece (excluding packing) 1.720 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length [ l ] 16.1 mm
Width [ w ] 8.41 mm
Height [ h ] 11.1 mm
Pitch 3.81 mm
Dimension a 3.81 mm
General
Range of articles MC 1,5/..-ST
Number of positions 2
Connection method Screw connection with tension sleeve
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. 0.08 mm²
2 conductors with same cross section, solid max. 0.5 mm²
2 conductors with same cross section, stranded min. 0.08 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 2-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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