

**INDUSTRIAL COMPONENT DATA**

# MC 1,5/ 7-ST-3,81 BD:1-7 1882609 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 7-ST-3,81 BD:1-7



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | MC 1,5/ 7-ST-3,81 BD:1-7 |
| Catalog number  | 1882609                  |
| Category        | Cable connector          |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-A6251DEA2D            |
| Generated       | 2026-08-05               |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm², color: green, rated current: 8 A, sizing voltage (III/2): 160 V, surface contacts: Tin, contact type: Connection female, Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, number of connections: 7, article family: MC 1,5/.. -ST, pitch: 3.81 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 0 °, pin arrangement: Triple linear pin arrangement, Stecksystem: MINI COMBICON, Lock: sin, packing 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 1882609

Packing unit 50 pc

GTIN 4017918346881

Weight per Piece (excluding packing) 4.920 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 16.1 mm

Width [ w ] 27.46 mm

Height [ h ] 11.1 mm

Pitch 3.81 mm

Dimension a 22.86 mm

General

Range of articles MC 1,5/...-ST

Number of positions 7

Connection method Screw connection with tension sleeve

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<sub>N</sub> 8 A

Nominal cross section 1.5 mm<sup>2</sup>

Maximum load current 8 A (with 1.5 mm<sup>2</sup> conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm<sup>2</sup>

Cond...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 7-ST-3,81 BD:1-7 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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