

## INDUSTRIAL COMPONENT DATA

# MC 1,5/ 7-ST-3,81-LR 1817097 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | MC 1,5/ 7-ST-3,81-LR |
| Catalog number  | 1817097              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-F1E92D43AD        |
| Generated       | 2026-08-04           |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: MC 1.5/.. -ST-LR, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, lock: Socket lock, fixing type: Lock & Release extractor lever, 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 1817097

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4046356754217

Weight per Piece (excluding packing) 5.740 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 27.5 mm  
Width [ w ] 33.56 mm  
Height [ h ] 13.6 mm  
Pitch 3.81 mm  
Dimension a 22.86 mm  
General  
Range of articles MC 1,5/...-ST-LR  
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 cr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 7-ST-3,81-LR 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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