

**INDUSTRIAL COMPONENT DATA**

# MC 1,5/12-ST-3,81 BD:11-20 1704938 PHOENIX CONTACT

## Plug-in part, rated current: 8 A, number of poles: 12, pi..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/12-ST-3,81 BD:11-20



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | MC 1,5/12-ST-3,81 BD:11-20 |
| Catalog number  | 1704938                    |
| Category        | Cable connector            |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-5AC193D156              |
| Generated       | 2026-08-05                 |

### Product Overview

Plug-in part, rated current: 8 A, number of poles: 12, pitch: 3.81 mm, connection type: Screw connection with traction capsule, color: green, contact surface: Tin

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Tin, contact type: Female connection, Number of potentials: 12, Number of rows: 1, Number of poles per row: 12, number of connections: 12, family of articles: MC 1.5/.. -ST, pitch: 3.81 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 0 °, Stecksystem: MINI COMBICON, Lock: 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 &gt; PCB Connectors (PCC)

### Additional Product Information

Plug component, nominal current: 8 A, number of positions: 12, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsKey Commercial Data

Orderkey 1704938

Packing unit 1

GTIN 4046356744843

Custom tariff number 85366990

**General**

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

Type of contact Female connector

Number of positions 12

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 mm<sup>2</sup>**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>

Conductor cross section AWG min. 28

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.08 mm<sup>2</sup>2 conductors with same cross section, solid max. 0.5 mm<sup>2</sup>2 conductors with same cross section, stranded min. 0.08 mm<sup>2</sup>

2 conductors with same cross...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / MC 1,5/12-ST-3,81 BD:11-20 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**

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