

## INDUSTRIAL COMPONENT DATA

# MC 1,5/12-ST-3,81 GY NZ223249 1971277 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/12-ST-3,81 GY NZ223249



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | MC 1,5/12-ST-3,81 GY NZ223249 |
| Catalog number  | 1971277                       |
| Category        | Cable connector               |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-44EB50647B                 |
| Generated       | 2026-08-05                    |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, 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

## 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 1971277

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918930530

Weight per Piece (excluding packing) 8.420 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 16.1 mm

Width [ w ] 46.51 mm

Height [ h ] 11.1 mm

Pitch 3.81 mm

Dimension a 41.91 mm

General

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

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 section, stranded max. 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/12-ST-3,81 GY NZ223249 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.