

**INDUSTRIAL COMPONENT DATA**

# MC 1,5/ 5-ST-3,5 BK BD:12-16 1705776 PHOENIX CONTACT

## Plug-in part, rated current: 8 A, number of poles: 5, p..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 5-ST-3,5 BK BD:12-16



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | MC 1,5/ 5-ST-3,5 BK BD:12-16 |
| Catalog number  | 1705776                      |
| Category        | Cable connector              |
| Minimum order   | 50 Pcs                       |
| Document ID     | EO-1AE570C2FB                |
| Generated       | 2026-08-05                   |

### Product Overview

Plug-in part, rated current: 8 A, number of poles: 5, pitch: 3.5 mm, connection type: Screw connection with traction capsule, color: black, contact surface: Tin

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, article family: MC 1.5/.. -ST, pitch: 3.5 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, 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 &gt; PCB Connectors (PCC)

### Additional Product Information

Plug component, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: black, 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 1705776

Packing unit 1

GTIN 4046356800990

Custom tariff number 85366990

**General**

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

Type of contact Female connector

Number of positions 5

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 se...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / MC 1,5/ 5-ST-3,5 BK BD:12-16 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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