

**INDUSTRIAL COMPONENT DATA**

# FRONT-MC 1,5/10-ST-3,81 BK 1898729 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT-MC 1,5/10-ST-3,81 BK



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | FRONT-MC 1,5/10-ST-3,81 BK |
| Catalog number  | 1898729                    |
| Category        | Cable connector            |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-98037F62AD              |
| Generated       | 2026-08-03                 |

### Product Overview

Printed-circuit board connector

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: 10, number of rows: 1, number of poles: 10, number of connections: 10, family of articles: FRONT-MC 1.5/.. -ST, pitch: 3.81 mm, connection type: Front screw connection, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 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 > PCB Connectors (PCC)**

### Additional Product Information

Key Commercial Data

Orderkey 1898729

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918422301

Weight per Piece (excluding packing) 13.070 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 21.7 mm

Width [ w ] 38.89 mm

Height [ h ] 12.3 mm

Pitch 3.81 mm

Dimension a 34.29 mm

General

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

Number of positions 10

Connection method Front screw connection

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 IN 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 9 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 s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT-MC 1,5/10-ST-3,81 BK 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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