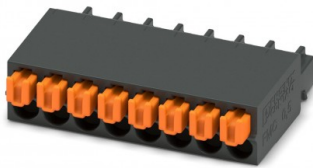


## INDUSTRIAL COMPONENT DATA

# FMC 0,5/ 8-ST-2,54 1821151 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/ 8-ST-2,54



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | FMC 0,5/ 8-ST-2,54 |
| Catalog number  | 1821151            |
| Category        | Cable connector    |
| Minimum order   | 100 Pcs            |
| Document ID     | EO-8EBDBA78C5      |
| Generated       | 2026-08-05         |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, article family: FMC 0,5/..-ST, pitch: 2.54mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON FMC 0,5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: FMC 0,5/..-ST, pitch: 2.54 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, plug-in system: COMBICON FMC 0,5, locking: without, mounting: without, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type PCB connector

Product family FMC 0,5/..-ST

Product line COMBICON Connectors XS

Type Standard

Number of positions 8

Pitch 2.54 mm  
Number of connections 8  
Number of rows 1  
Number of potentials 8  
Mounting flange without  
Data management status  
Article revision 05  
Electrical propertiesNominal current  $I_N$  6 A  
Nominal voltage  $U_N$  160 V  
Contact resistance 2.7 m $\Omega$   
Rated voltage (III/3) 32 V  
Rated surge voltage (III/3) 0.8 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 160 V  
Rated surge voltage (II/2) 1.5 kV  
Connection dataConnection technology  
Type Standard  
Connector system COMBICON FMC 0,5  
Nominal cross section 0.5 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type without  
Mounting flange without  
Conductor connection  
Connection method Push-in spring connection  
Conductor/PCB connection direction 0 °  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section flexible 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section AWG 26 ... 20  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.14 mm<sup>2</sup> ... 0.25 mm<sup>2</sup>  
Cylindrical gauge a x b / diameter - / 1.0 mm  
Stripping length 7 mm  
Specifications for ferrules without insulating collar  
recommended crimping tool 1212034 CRIMPFOX 6  
Specifications for ferrules with insulating collar  
recommended crimping tool 1212034 CRIMPFOX 6  
Material specificat...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/ 8-ST-2,54 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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