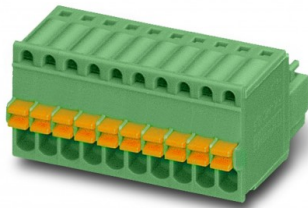


## INDUSTRIAL COMPONENT DATA

## FK-MC 0,5/ 8-ST-2,5 BD:+ 1701756 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 8-ST-2,5 BD:+



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | FK-MC 0,5/ 8-ST-2,5 BD:+ |
| Catalog number  | 1701756                  |
| Category        | Cable connector          |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-43054179B7            |
| Generated       | 2026-08-06               |

## Product Overview

## Plug

Connector for printed circuit board, nominal section: 0.5 mm<sup>2</sup>, color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: FK-MC 0.5/..-ST, pitch: 2.5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON FK-MC 0.5, 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 &amp; Catalog Path

|              |                                        |
|--------------|----------------------------------------|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

## Key Commercial Data

Orderkey 1701756

Packing unit 1

GTIN 4046356560382

Custom tariff number 85366990

## Item properties

Brief article description PCB connector

Plug-in system MICRO COMBICON - FK-MC 0,5

Type of contact Female connector

Range of articles FK-MC 0,5/..-ST

Pitch 2.5 mm

Number of positions 8  
Connection method Push-in spring connection  
Locking without  
Number of levels 1  
Number of connections 8  
Number of potentials 8  
Electrical parameters  
Rated current 4 A  
Rated insulation voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Connection capacity  
Conductor cross section solid 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 / kcmil 26 ... 20  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Cylindrical gauge a x b / diameter - / 1.4 mm  
Stripping length 8 mm  
Material data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics hot-dip tin-plated  
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)  
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)  
Material data - housing  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to E...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 8-ST-2,5 BD:+ 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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