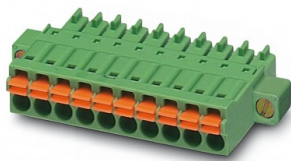


## INDUSTRIAL COMPONENT DATA

# FMC 1,5/ 3-STF-3,5 BK 2BDWH1-3 1086883 PHOENIX CONTACT Connector for printed circuit board, number of poles:...

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 1,5/ 3-STF-3,5 BK 2BDWH1-3



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FMC 1,5/ 3-STF-3,5 BK 2BDWH1-3 |
| Catalog number  | 1086883                        |
| Category        | Cable connector                |
| Minimum order   | 1000 Pcs                       |
| Document ID     | EO-A432BA8C6E                  |
| Generated       | 2026-08-06                     |

## Product Overview

Connector for printed circuit board, number of poles: 3, pitch: 3.5 mm, color: black

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 rows: 1, number of poles: 3, family of articles: FMC 1.5/.. -STF, pitch: 3.5mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: Screw lock, fixing type: Air clamping (screw), packaging type: boxed

PCB connector, nominal cross-section: 1.5 mm<sup>2</sup>, colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: Female, number of rows: 1, number of poles: 3, product series: FMC 1.5/.. -STF, pitch: 3.5 mm, connection type: Push-in spring connection, conductor/board connection direction: 0°, plug system: COMBICON FMC 1.5 - MCDN 1.5, locking: Screw locking, fixing type: Screw flange, packaging type: packed in carton

## 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 dataArticle featuresProduct Type Printed circuit board connector

Product Family FMC 1.5/.. -STF

Product Line COMBICON Connectors S

Number of poles 3

Step 3.5 mm

Number of rows 1  
Data maintenance status  
Article review 02  
Electrical characteristics Rated Current IN 8 A  
Rated voltage UN 160 V  
Mass Resistivity 1.6 m?  
Sizing voltage (III/3) 160 V  
Sizing impulse voltage (III/3) 2.5 kV  
Sizing voltage (III/2) 160 V  
Sizing Impulse Voltage (III/2) 2.5 kV  
Sizing voltage (II/2) 320 V  
Sizing Impulse Voltage (II/2) 2.5 kV  
Connection data Connection technology  
type Standard  
Connector system COMBICON FMC 1.5 - MCDN 1.5  
Nominal cross-section 1.5 mm<sup>2</sup>  
Contact Connection Type female  
Blockage  
Clamping Type Screw locking  
Fixing flange Screw flange  
Tightening torque 0.3 Nm  
Conductor connection  
Link Push-in spring connection  
Conductor/board connection direction 0 °  
Rigid conductor cross-section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor cross-section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross-section AWG 24 ... 16  
Flexible conductor cross-section with cable lug without plastic collar 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor cross-section with mounted lug and plastic collar 0.14 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Buffer Gauge a x b / diameter 2.4 mm x 1.5 mm / 1.6 mm  
Length of the section to be stripped 10 mm  
Indications for ferrules without isolation collar  
Recommended crimping tool 1212034 CRIMPFOX 6  
cable lug without insulating collar, in accordance with DIN 46228-1 Cross-section: 0.25 mm<sup>2</sup>; Length: 7 mm  
Cross-section:...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 1,5/ 3-STF-3,5 BK 2BDWH1-3 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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