

## INDUSTRIAL COMPONENT DATA

# BCP-381F- 3 GN BD:1-3 1098497 PHOENIX CONTACT

## Connector for printed circuit board, number of poles: 3, pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381F-3 GN BD:1-3



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | BCP-381F-3 GN BD:1-3 |
| Catalog number  | 1098497              |
| Category        | Cable connector      |
| Minimum order   | 100 Pcs              |
| Document ID     | EO-237337B8CF        |
| Generated       | 2026-08-06           |

### Product Overview

Connector for printed circuit board, number of poles: 3, pitch: 3,81 mm, color: whitish green  
Connector for printed circuit board, nominal cross-section: 1.5 mm<sup>2</sup>, color: off-white green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 3, article family: BCP-F, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, connection direction conductor/printed circuit board: 0°, plug-in system: BASICLINE 1.5, lock: Screw lock, fixing type: Air clamping (screw), 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Connector  
Product Family BCP-F  
Product Line COMBICON Connectors S  
Number of poles 3  
Step 3.81 mm  
Number of rows 1  
Data Maintenance Status  
Article Review 01  
Electrical PropertiesNominal Current IN 8 A  
Nominal voltage UN 160 V

Contact resistance 2 m?  
Sizing voltage (III/3) 160 V  
Dimensioning transient voltage (III/3) 2.5 kV  
Dimensioning voltage (III/2) 160 V  
Dimensioning Transient Voltage (III/2) 2.5 kV  
Nominal voltage (II/2) 320 V  
Dimensioning transient voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Construction Standard  
Connector System BASICLINE 1.5  
Nominal Section 1.5 mm<sup>2</sup>  
Contact Connection Type Female  
Blockade  
Locking system Screw lock  
Clamping flange Overhead clamping (screw)  
Tightening torque 0.3 Nm  
Connecting Conductors  
Connection type Screw connection with traction capsule  
Connection Direction Driver/PCB 0 °  
Rigid conductor section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
AWG Conductor Section 24 ... 16  
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor section with toe cap, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors with the same cross-section, rigid 0.2 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors with the same cross-section, flexible 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>  
2 conductors with the same cross-section, flexible with TWIN....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381F-3 GN BD:1-3 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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