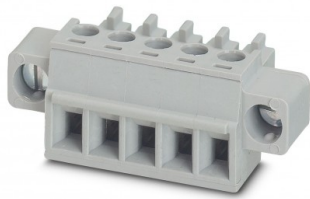


## INDUSTRIAL COMPONENT DATA

# BCP-381F- 7 GN 5448103 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381F-7 GN



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-381F-7 GN   |
| Catalog number  | 5448103         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-3F5EE2390E   |
| Generated       | 2026-08-04      |

## Product Overview

Printed-circuit board connector

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 potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, article family: BCP-F, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, conductor/printed circuit board connection direction: 0 °, plug-in system: BASICLINE 1.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: pastel green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: BCP-F, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: BASICLINE 1,5, locking: Screw locking mechanism, mounting: Screw flange, 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 BCP-F

Product line COMBICON Connectors S

Type Standard

Number of positions 7

Pitch 3.81 mm  
Number of connections 7  
Number of rows 1  
Number of potentials 7  
Mounting flange Screw flange  
Data management status  
Article revision 01  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 160 V  
Contact resistance 2 m?  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 320 V  
Rated surge voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Type Standard  
Connector system BASICLINE 1,5  
Nominal cross section 1.5 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type Screw locking mechanism  
Mounting flange Screw flange  
Tightening torque 0.3 Nm  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor/PCB connection direction 0 °  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.2 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381F-7 GN 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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