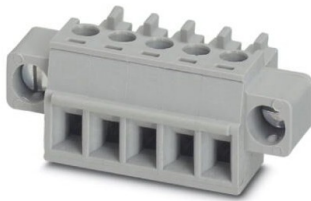


## INDUSTRIAL COMPONENT DATA

**BCP-381F- 5 BK 5452533 PHOENIX CONTACT Part  
plug,nominal Current: 8 A,rated Voltage (III/2): 160 V,N. ° pole..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381F-5 BK



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-381F-5 BK   |
| Catalog number  | 5452533         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-0B3F0E9FD7   |
| Generated       | 2026-08-04      |

**Product Overview**

Part plug,nominal Current: 8 A,rated Voltage (III/2): 160 V,N. ° poles: 5,Pitch: 3,81 mm,the Technique of connection:

Connection by screw with capsule-traction,Color: black,contact Surface: Tin

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 potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: BCP-F, pitch: 3.81 mm, type of connection: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, conductor connection direction/printed circuit board: 0°, plug-in system: BASICLINE 1.5, locking: Screw locking, fixing type: Aerial clamping (screw), packing type: boxed

PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 5, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin

## 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**

Key Commercial Data

Orderkey 5452533

Packing unit 1 pc

Minimum order quantity 100 pc

GTIN 4046356850483

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85366990

Country of origin CN (China)

Drawings

General

Standards and Regulations

Classifications

Dimensions

Connection data

Environmental Product Compliance

Drawings

Diagram

Dimensional drawing

[Back to top](#)Dimensions

Length [ l ] 16.1 mm

Width [ w ] 29.44 mm

Height [ h ] 11.1 mm

Pitch 3.81 mm

Dimension a 15.24 mm

[Back to top](#)General

Range of articles BCP-F

Number of positions 5

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 8 A

Nominal cross section 1.5 mm<sup>2</sup>

Maximum load current 8 A (with 1.5 mm<sup>2</sup> conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

[Back to top](#)Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with fe...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381F-5 BK 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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