

INDUSTRIAL COMPONENT DATA

**BCP-381- 5 GN BDWH:10-NCVPE250 5453389 PHOENIX
CONTACT PCB connector**

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-381-5 GN BDWH:10-NCVPE250



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-381-5 GN BDWH:10-NCVPE250
Catalog number	5453389
Category	Cable connector
Minimum order	250 Pcs
Document ID	EO-3E52F1665A
Generated	2026-08-04

Product Overview

PCB connector

Connector for printed circuit board, nominal cross-section: 1.5 mm², color: off-white, 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, article family: BCP, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, plug-in system: BASICLINE 1.5, 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 & Catalog Path

Catalog path PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data

Orderkey 5453389

Packing unit 250 pc

Minimum order quantity 250 pc

GTIN 4046356896214

Weight per Piece (excluding packing) 3.740 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [l] 16.1 mm

Width [w] 19.84 mm

Height [h] 11.1 mm

Pitch 3.81 mm

Dimension a 15.24 mm

General

Range of articles BCP

Number of positions 5

Connection method Screw connection with tension sleeve

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.2 mm²

2 conductors with same cross section, solid max. 0.5 mm²

2 conductors with same cross section, stranded min. 0.25 mm²

2 conductors with same cross section, stranded max. 0.75 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²

2 conductors with same cros...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-381-5 GN BDWH:10-NCVPE250 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.