

INDUSTRIAL COMPONENT DATA

BCP-508-22 BK BDWH:1-22 5455400 PHOENIX CONTACT PCB connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-22 BK BDWH:1-22



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-508-22 BK BDWH:1-22
Catalog number	5455400
Category	Cable connector
Minimum order	500 Pcs
Document ID	EO-A51E0759AC
Generated	2026-08-05

Product Overview

PCB connector

Printed circuit board connector, nominal cross-section: 2.5 mm², nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of potentials: 22, number of rows: 1, number of poles: 22, number of connections: 22, article family: BCP, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: without, fixing type: without, packaging type: packed in box

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 5455400

Packing unit 100 pc

Minimum order quantity 500 pc

Note Made to Order (non-returnable)

GTIN 4055626017563

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [l] 18.2 mm

Width [w] 111.76 mm

Height [h] 15 mm

Pitch 5.08 mm

Dimension a 106.68 mm

General

Range of articles BCP

Number of positions 22

Connection method Screw connection with tension sleeve

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 2.5 mm²**Connection data**Conductor cross section solid min. 0.2 mm²Conductor cross section solid max. 2.5 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, solid min. 0.2 mm²2 conductors with same cross section, solid max. 1 mm²2 conductors with same cross section, stranded min. 0.2 mm²2 conductors with same cross section, stranded max. 1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²

2 conductors with sa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-22 BK BDWH:1-22 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.