

## INDUSTRIAL COMPONENT DATA

# BCP-500-8 GN BDWH10 VPE250 5453305 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500-8 GN BDWH10 VPE250



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | BCP-500-8 GN BDWH10 VPE250 |
| Catalog number  | 5453305                    |
| Category        | Cable connector            |
| Minimum order   | 250 Pcs                    |
| Document ID     | EO-82B735ED40              |
| Generated       | 2026-08-05                 |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal cross-section: 2.5 mm<sup>2</sup>, color: off-white green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, article family: BCP, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, 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

Connector for printed circuit board, rated current: 12 A, dimensioning voltage (III/2): 320 V, nominal cross-section: 2.5 mm<sup>2</sup>, number of poles: 8, pitch: 5 mm, connection type: Screw connection with traction capsule, color: off-white green, 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

Data commercial

Key order Five million four hundred fifty three thousand three hundred five

Packing unit 250 pcs

Key selling AAYBAA -

Minimum order quantity 250 pcs

EAN Four trillion forty six billion three hundred fifty six million eight hundred ninety six thousand one hundred thirty nine

Unit weight (excluding packaging) 13,212 g

Tariff number tariff Eighty five million three hundred sixty six thousand nine hundred ninety

Country of origin CN (China)

Drawings

Overview

Standards and specifications

Ratings

Dimensions

Data connection

Environmental Product Compliance

Drawings

Diagram

Outline dimensions

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Length [ l ] 18,2 mm

Width [ w ] 40 mm

Height [ h ] 15 mm

Step 5 mm

Average 35 mm

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Family of articles BCP

Number of poles Eight

Type of connection Connection by screw with capsule-traction

Group insulating material I

Transient voltage design (III/3) 4 kV

Transient voltage design (III/2) 4 kV

Transient voltage design (II/2) 4 kV

Tension and sizing (III/3) 250 V

Tension and sizing (III/2) 320 V

Tension and sizing (II/2) 630 V

Connection according to standard EN-VDE

Nominal current IN 12 To

Nominal cross section 2.5 mm<sup>2</sup>

Isolation PA

Class of flammability according to UL 94 V0

Length desaislar 7 mm

Screw thread M3

Tightening torque min. 0.4 Nm

Tightening torque max. 0.5 Nm

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Core cross-section rigid min. 0,2 mm<sup>2</sup>

Section of conductor rigid max. 2.5 mm<sup>2</sup>

Section of flexible conductor, min. 0,2 mm<sup>2</sup>

Section of flexible con...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-500-8 GN BDWH10 VPE250 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

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