INDUSTRIAL COMPONENT DATA

# BCP-500- 4 GN BDWH:FA-PT VPE250 5453363 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-500-4 GN BDWH:FA-PT VPE250**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCP-500-4 GN BDWH:FA-PT VPE250 |
| Catalog number | 5453363 |
| Category | Cable connector |
| Minimum order | 250 Pcs |
| Document ID | EO-52927B9ABF |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal cross-section: 2.5 mm², colour: off-white green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, 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

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Data commercial
Key order Five million four hundred fifty three thousand three hundred sixty three
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 ninety one
Unit weight (excluding packaging) 6,620 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
Back to topDimensions
Length [ l ] 18,2 mm
Width [ w ] 20 mm
Height [ h ] 15 mm
Step 5 mm
Average 15 mm
Back to topOverview
Family of articles BCP
Number of poles Four
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 mm2
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
Back to topData connection
Core cross-section rigid min. 0,2 mm2
Section of conductor rigid max. 2.5 mm2
Section of flexible conductor, min. 0,2 mm2
Section of flexible...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-500-4 GN BDWH:FA-PT VPE250 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

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