INDUSTRIAL COMPONENT DATA

BCP-508-18 GN 5448747 PHOENIX CONTACT Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º pole..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-18 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCP-508-18 GN
Catalog number	5448747
Category	Cable connector
Minimum order	100 Pcs
Document ID	EO-2CD90B5950
Generated	2026-11-19

Product Overview

Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. º poles: 18,Pitch: 5,08 mm,the Technique of connection: Connection by screw with capsule-traction,Color: whitish green,contact Surface: Tin
Connector for printed circuit board, nominal section: 2.5 mm², color: off-white green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 18, number of rows: 1, number of poles: 18, number of connections: 18, 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

Commercial data
Order key 5448747
Packaging unit 100 pcs
Sell key AAYBAA -
Minimum Order Quantity 100 pcs
Ean 4046356829113

Weight per unit (excluding packaging) 30,576 g
Tariff rate number 85366990
Country of origin CN (China)
Dimensions
Length [l] 18.2 mm
Width [w] 91.44 mm
Height [h] 15 mm
Step 5.08 mm
Medium to 86.36 mm
General
Article Family BCP
Number of poles 18
Connection type Screw connection with traction capsule
Insulating material group I
Dimensioning transient voltage (III/3) 4 kV
Dimensioning Transient Voltage (III/2) 4 kV
Dimensioning transient voltage (II/2) 4 kV
Dimensioning voltage (III/2) 320 V
Sizing voltage (II/2) 630 V
Standard-compliant connection EN-VDE
Nominal Current IN 12 A
Nominal Section 2.5 mm²
Maximum Charging Current 12 A (with a conductor cross-section of 2.5 mm²)
Isolation PA
Combustibility class according to UL 94 V0
Length to be de-insulated 7 mm
Min. tightening torque. 0.4 Nm
Max. tightening torque. 0.5 Nm
Connection data
Rigid conductor section min. 0.2 mm²
Max. rigid conductor section 2.5 mm²
Flexible conductor section min. 0.2 mm²
Max. flexible conductor section 2.5 mm²
Flexible conductor section with toe cap, without min plastic sleeve. 0.25 mm²
Flexible conductor section with toe cap, without plastic sleeve max. 2.5 mm²
Flexible conductor section with tip, with min plastic sleeve. 0.25 mm²
Flexible conductor section with ferrule, with plastic sleeve max. 2.5 mm²
Conductor section AWG min. 24
Conductor section AWG max. 12
2 cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-18 GN 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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