

INDUSTRIAL COMPONENT DATA

BC-500X18- 4 GN 5430120 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-500X18-4 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BC-500X18-4 GN
Catalog number	5430120
Category	Printed circuit board terminal
Minimum order	2000 Pcs
Document ID	EO-502FE117A9
Generated	2026-08-03

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: BC-X18, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: off-white green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1

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)
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Additional Product Information

Key Commercial Data

Orderkey 5430120

Packing unit 100 pc

Minimum order quantity 2000 pc

Note Made to Order (non-returnable)

GTIN 4055626081007

Weight per Piece (excluding packing) 5.000 g

Custom tariff number 85369010

Country of origin CN (China)

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

ETIM for 5430120 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

21.5 mm

Number of electrical connections (EF008252)

4

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5 mm

Rated current In (EF008250)

24 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross section multi-wired (EF007343)

0.2 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-500X18-4 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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