

INDUSTRIAL COMPONENT DATA

BC-500X18-14 GN 5430062 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-500X18-14 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BC-500X18-14 GN
Catalog number	5430062
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-47C31E8D85
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 14, number of rows: 1, number of poles per row: 14, article family: BC-X18, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, connection direction conductor/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, packaging type: boxed

PCB terminal block, rated current: 24 A, dimensioning voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 14, number of rows: 1, number of poles per row: 14, product series: BC-X18, pitch: 5 mm, connection type: screw connection with cage, screw connection form: H1L Philipps Recess with longitudinal slot, Mounting: Wave soldering, conductor/board connection direction: 0°, Color: White green, Pin layout: Linear pinning, Pin length [P]: 3.5mm, Number of soldering pins per potential: 1, Package type: packed in carton

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 5430062

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4055626007410

Weight per Piece (excluding packing) 9.500 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [l] 11.2 mm

Pitch 5 mm

Dimension a 65 mm

Width [w] 70 mm

Height 18 mm

Height [h] 23 mm

Solder pin [P] 5 mm

Hole diameter 1.3 mm

General

Range of articles BC-X18

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 24 A

Nominal cross section 2.5 mm²

Solder pin surface

Stripping length 7 mm

Number of positions 14

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, solid min. 0.2 mm²

2 con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-500X18-14 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

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.