

INDUSTRIAL COMPONENT DATA

BC-508X14-5 GY 5436270 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-508X14-5 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	BC-508X14-5 GY
Catalog number	5436270
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-DE841E061F
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: BC-X14, pitch: 5.08 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: gray signals, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.6 mm, number of solder pins per potential: 1, packaging type: boxed

Printed circuit board terminal, rated current: 17.5 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: BC-X14, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0°, color: signals gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.6 mm, number of solder pins per potential: 1, packaging type: boxed

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 5436270

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356330879

Weight per Piece (excluding packing) 7.180 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [l] 9.8 mm

Pitch 5.08 mm

Dimension a 20.32 mm

Width [w] 25.4 mm

Height 13.8 mm

Height [h] 17.4 mm

Solder pin [P] 3.6 mm

Hole diameter 1.3 mm

General

Range of articles BC-X14

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 17.5 A

Nominal cross section 1.5 mm²

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 5

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 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. 26

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.14 mm²

2 conductors with same cross section, solid max. 1 mm²

2 conductors with...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-508X14-5 GY 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.