

INDUSTRIAL COMPONENT DATA

**BC-500X10- 6 GY 5451828 PHOENIX CONTACT Terminal p.
printed circuit board, rated Current: 13,5 A, nominal Vo..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-500X10-6 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	BC-500X10-6 GY
Catalog number	5451828
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-4F68DC62B4
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Product Overview

Terminal p. printed circuit board, rated Current: 13,5 A, nominal Voltage: 400 V, Type of connection: Connection by screw with capsule-traction, Assembly: Soldering by wave Direction for connection Conductor/pcb: 0 °, Color: gray signals Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, article family: BC-X10, pitch: 5 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]: 3.5 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)
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Additional Product Information

Trade data

Order Code Five million four hundred fifty one thousand eight hundred twenty eight

Packaging unit 100 pcs

Minimum order quantity 100 pcs

Note Manufacturing to the order (no recovery)

GTIN Four trillion forty six billion three hundred fifty six million nine hundred ninety one thousand three hundred ninety one

Weight per piece (excluding packing) 0,006 KGM

Number of the customs tariff Eighty five million three hundred sixty nine thousand ten

Country of origin CN (China)

Dimensions

Length [l] 8.15 mm

Not 5 mm

Rated 25 mm

Width [w] 29,95 mm

Mounting height 9,97 mm

Height [h] 13,47 mm

Length of pin [P] 3.5 mm

Drilling diameter 1.3 mm

General

Family articles BC-X10

Impulse voltage assigned (III/3) 4 kV

Impulse voltage assigned (III/2) 4 kV

Impulse voltage assigned to (II/2) 4 kV

Reference voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection according to standard EN-VDE

Rated current IN 13.5 A

Nominal Section 1.5 mm²

Pin soldering surface

Template A1

Length stripping tool 6 mm

Number of poles Six

Thread screws M3

Tightening torque min. 0.5 Nm

Tightening torque max. 0.6 Nm

Characteristics of connection

Cross Section of the conductor AWG min. Twenty six

Cross Section of wire AWG max. Sixteen

2 solid conductors of the same cross-section min. 0.14 mm²2 solid conductors of the same cross-section max. 0.75 mm²2 conductors flexible same cross-section min. 0.14 mm²2 conductors flexible same cross-section max. 0.75 mm²

2-conductor, flex...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-500X10-6 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

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