

## 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-169D6FCA13                  |
| Generated       | 2026-09-29                     |

**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 mm<sup>2</sup>, 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 &gt; PCB Connectors (PCC)

**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 mm<sup>2</sup>

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 mm<sup>2</sup>2 solid conductors of the same cross-section max. 0.75 mm<sup>2</sup>2 conductors flexible same cross-section min. 0.14 mm<sup>2</sup>2 conductors flexible same cross-section max. 0.75 mm<sup>2</sup>

2-conductor, flex...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / BC-500X10-6 GY with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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