

**INDUSTRIAL COMPONENT DATA**

# BC-508X10- 7 GY 5436173 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-508X10-7 GY



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | BC-508X10-7 GY                 |
| Catalog number  | 5436173                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-EE61E8EE66                  |
| Generated       | 2026-09-28                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 13.5 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm<sup>2</sup>, number of potentials: 7, number of rows: 1, number of poles per row: 7, article family: BC-X10, 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]: 3.5 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)**

## Additional Product Information

Key Commercial Data

Orderkey 5436173

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356329637

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [ l ] 8.1 mm

Pitch 5.08 mm

Dimension a 30.48 mm

Width [ w ] 35.56 mm

Height 10 mm

Height [ h ] 13.5 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles BC-X10

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  $I_N$  13.5 A

Nominal cross section 1.5 mm<sup>2</sup>

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 6 mm

Number of positions 7

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 1 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm<sup>2</sup>

Conductor cross section....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-508X10-7 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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