

**INDUSTRIAL COMPONENT DATA**

# BC-508X10- 3 BK 5452258 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-508X10-3 BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | BC-508X10-3 BK                 |
| Catalog number  | 5452258                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-B5A99AEEC8                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 13.5 A, sizing voltage (III/2): 400 V, nominal section: 1.5 mm<sup>2</sup>, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, item family: BC-X10, pitch: 5.08mm, connection type: Screw connection with traction capsule, mounting: Wave welding, connection direction conductor/printed circuit board: 0°, color: black, Pin layout: Linear pin arrangement, Pin length [P]: 3.5 mm, 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 5452258

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356853231

Weight per Piece (excluding packing) 2.690 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [ L ] 8.1 mm

Pitch 5.08 mm

Dimension a 10.16 mm

Width [ w ] 15.24 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

Insulating material group I

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>

Maximum load current 13.5 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 6 mm

Number of positions 3

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 wi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-508X10-3 BK 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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