

INDUSTRIAL COMPONENT DATA

BC-500X10- 3 BK 5441540 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-500X10-3 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	BC-500X10-3 BK
Catalog number	5441540
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-11DF899A4C
Generated	2026-09-29

Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 13,5 A, sizing voltage (III/2): 400 V, nominal section: 1,5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: BC-X10, pitch: 5 mm, connection type: Screw connection with tensile capsule, mounting: Wave welding, Conductor/Printed Circuit Board connection address: 0°, Color: Black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, 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

Key Commercial Data

Orderkey 5441540

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356645157

Weight per Piece (excluding packing) 2.630 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [l] 8.15 mm

Pitch 5 mm

Dimension a 10 mm

Width [w] 14.95 mm

Height 9.97 mm

Height [h] 13.47 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 mm²

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 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1.5 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 1 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-500X10-3 BK 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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