

## INDUSTRIAL COMPONENT DATA

# BC-381X9- 8 BK 5452618 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-381X9-8 BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | BC-381X9-8 BK                  |
| Catalog number  | 5452618                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-8FD713C7A8                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 13.5 A, rated voltage (III/2): 200 V, rated cross-section: 1.5 mm<sup>2</sup>, number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: BC-X9, pitch: 3.81 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor/printed circuit board connection direction: 0°, color: black, 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

Key Commercial Data

Orderkey 5452618

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356849630

Weight per Piece (excluding packing) 4.230 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [ l ] 7.3 mm

Pitch 3.81 mm

Dimension a 26.67 mm

Width [ w ] 30.48 mm

Height 8.5 mm

Height [ h ] 12 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles BC-X9

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 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

Stripping length 5 mm

Number of positions 8

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 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. 0.5 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. 0.5 mm<sup>2</sup>

Conductor cross se...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-381X9-8 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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