

**INDUSTRIAL COMPONENT DATA**

# BC-500X14- 8 GY 1841461 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-500X14-8 GY



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | BC-500X14-8 GY                 |
| Catalog number  | 1841461                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-089D271FBD                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: BC-X14, 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1841461

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356991438

Weight per Piece (excluding packing) 10.720 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [ l ] 9.8 mm

Pitch 5 mm

Dimension a 35 mm

Width [ w ] 40 mm

Height 13.8 mm

Height [ h ] 17.3 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

#### General

Range of articles BC-X14

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<sub>N</sub> 17.5 A

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

Solder pin surface

Stripping length 7 mm

Number of positions 8

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

#### Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, solid max. 1 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-500X14-8 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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