

INDUSTRIAL COMPONENT DATA

BC-500X14- 7 GY 1088516 PHOENIX CONTACT Terminal for printed circuit board, rated current: 17,5 A, pitch: 5 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BC-500X14-7 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	BC-500X14-7 GY
Catalog number	1088516
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-07AA80D93C
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, rated current: 17,5 A, pitch: 5 mm, number of poles: 7, type of Connection: Connection by screw with capsule-traction, assembly: Soldering by wave direction for Connection conductor/pcb: 0 °, color: gray signals

Terminal block for printed circuit board, rated current: 17.5 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm², number of rows: 1, number of poles per row: 7, item family: BC-X14, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, Mounting: Wave Soldering, Driver/PCB Connection Direction: 0°, Color: Signals Grey, Pin Length [P]: 3.5mm, Number of Solder Pins per Potential: 1, Packaging Type: Boxed Packed

Printed circuit board terminal, rated current: 17.5 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm², number of rows: 1, number of poles per row: 7, item family: BC-X14, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, Mounting: Wave soldering, conductor/printed circuit board connection direction: 0°, color: signals gray, 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Terminal
Product Family BC-X14
Product Line COMBICON Terminals S
Number of poles 7

Step 5 mm
Number of rows 1
Pin Design Linear Pin Arrangement
Number of Solder Pins Per Potential 1
Data Maintenance Status
Article Review 01
Electrical PropertiesNominal Current IN 17.5 A
Nominal voltage UN 400 V
Sizing voltage (III/3) 250 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 400 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 630 V
Dimensioning transient voltage (II/2) 4 kV
Connection dataConnection technology
Construction Card terminal, alignable
Nominal Section 1.5 mm²
Connecting Conductors
Connection type Screw connection with traction capsule
Rigid conductor section 0.14 mm² ... 2.5 mm²
Flexible conductor section 0.14 mm² ... 1.5 mm²
AWG Conductor Section 26 ... 14
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 1.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 1.5 mm²
2 conductors with the same cross-section, rigid 0.14 mm² ... 1 mm²
2 conductors with the same cross-section, flexible 0.14 mm² ... 0.75 mm²
2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm² ... 0.5 mm²
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 1 mm²
Peel Length 7 mm
Drive shape: screw head Philipps-Recess with longitudinal groove (H1L)
Tighteni...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BC-500X14-7 GY 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.