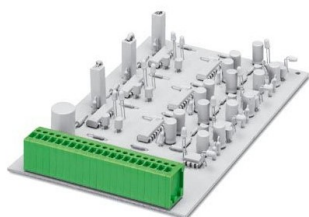


INDUSTRIAL COMPONENT DATA

FRONT 1,5-V-3,81-5 BKPA1,2,4,5 1816001 PHOENIX CONTACT Terminal for printed circuit board, rated current: 17..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 1,5-V-3,81-5 BKPA1,2,4,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 1,5-V-3,81-5 BKPA1,2,4,5
Catalog number	1816001
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-7D3DEC2CEC
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, rated current: 17,5 A, rated voltage: 320 V, pitch: 3,81 mm, number of poles: 5, type of connection: Connection by screw front, assembly: Soldering by wave direction for connection conductor/pcb: 90 °, color: black

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 320 V, nominal cross-section: 1.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 5, article family: FRONT 1.5-V, pitch: 3.81 mm, connection type: Front screw connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, 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 1816001

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356869263

Weight per Piece (excluding packing) 7.290 g

Custom tariff number 85369010

Country of origin PL (Poland)

Item properties

Brief article description PCB terminal block

Range of articles FRONT 1,5-V

Pitch 3.81 mm

Number of positions 5

Connection method Front screw connection

Screw thread M2

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Electrical parameters

Rated current 17.5 A

Rated insulation voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 1.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²

2 conductors with same cross section, solid 0.14 mm² ... 0.75 mm²

2 conductors with same cross section, flexible 0.14 mm² ... 0.75 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.34 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 0.5 mm²

Stripping length 9 mm

Torque 0.22 Nm ... 0.25 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 1,5-V-3,81-5 BKPA1,2,4,5 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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