

INDUSTRIAL COMPONENT DATA

PTA 1,5/16-3,5 1989094 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTA 1,5/16-3,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTA 1,5/16-3,5
Catalog number	1989094
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-11F49A7118
Generated	2026-08-02

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 17.5 A, rated voltage (III/2): 200 V, rated section: 1.5 mm², number of potentials: 16, number of rows: 1, number of poles per row: 16, item family: PTA 1.5, pitch: 3.5 mm, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, Conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear front pin arrangement, Pin length [P]: 2.8 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 1989094

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 419 (C-1-2013)

GTIN 4046356037082

Weight per Piece (excluding packing) 7.630 g

Custom tariff number 85369010

Country of origin GR (Greece)

Dimensions

Length [l] 11.2 mm

Pitch 3.5 mm

Dimension a 52.5 mm

Width [w] 56 mm

Height 9.9 mm

Height [h] 12.7 mm

Solder pin [P] 2.8 mm

Pin spacing 3.5 mm

Hole diameter 1.2 mm

General

Range of articles PTA 1,5

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 IN 17.5 A

Nominal cross section 1.5 mm²

Maximum load current 17.5 A (current values dependent on no. of pos., dimensioning of printed circuits, and ambient temperature)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 5 mm

Number of positions 16

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 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 with plastic sleeve min. 0.25 mm²

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

Conductor cross section AWG min. 26

Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTA 1,5/16-3,5 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

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.