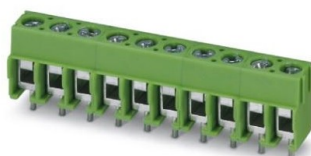


INDUSTRIAL COMPONENT DATA

PT 1,5/ 8-5,0-H BK 1989502 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 1,5/ 8-5,0-H BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 1,5/ 8-5,0-H BK
Catalog number	1989502
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-31F72670D9
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 400 V, nominal section: 1.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: PT 1.5/.. -H, pitch: 5 mm, connection type: Screw connection with wire protection bracket, mounting: Wave soldering, conductor connection direction/printed circuit board: 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 > PCB Connectors (PCC)
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Additional Product Information

Key Commercial Data

Orderkey 1989502

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4017918944346

Weight per Piece (excluding packing) 8.020 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 9 mm

Pitch 5 mm

Dimension a 35 mm

Height 11.4 mm

Height [h] 11.3 mm

Solder pin [P] 3.5 mm

Pin spacing 5 mm

Hole diameter 1.3 mm

General

Range of articles PT 1,5/..-H

Insulating material group I

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_N 17.5 A

Nominal cross section 1.5 mm²

Maximum load current 17.5 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 5 mm

Number of positions 8

Screw thread M2,6

Tightening torque, min 0.35 Nm

Tightening torque max 0.4 Nm

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.2 mm²

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

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 0.75 mm²

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

2 conductors with same cross section, stranded, ferrules without plastic...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 1,5/ 8-5,0-H BK 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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