

INDUSTRIAL COMPONENT DATA

PT 2,5/ 3-7,5-H BK 1701160 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5/ 3-7,5-H BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2,5/ 3-7,5-H BK
Catalog number	1701160
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-C7410DEC8A
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 800 V, nominal section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: PT 2.5/.. -H, pitch: 7.5 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]: 4.1 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 1701160

Packing unit 1

GTIN 4046356517812

Custom tariff number 85369010

Dimensions

Length [L] 9 mm

Pitch 7.5 mm

Dimension a 15 mm

Height 17.5 mm

Height [h] 13.5 mm

Solder pin [P] 4.1 mm

Pin spacing 7.5 mm

Hole diameter 1.3 mm

General

Range of articles PT 2,5/..-H

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 500 V

Rated voltage (III/2) 800 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 32 A

Nominal cross section 2.5 mm²

Maximum load current 32 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 6.5 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.45 Nm

Tightening torque max 0.5 Nm

Connection data

Conductor cross section AWG min. 20

Conductor cross section AWG max. 10

2 conductors with same cross section, solid min. 0.5 mm²

2 conductors with same cross section, solid max. 1.5 mm²

2 conductors with same cross section, stranded min. 0.5 mm²

2 conductors with same cross section, stranded max. 1.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm²

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

2 conductors with same cross s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5/ 3-7,5-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

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.