

INDUSTRIAL COMPONENT DATA

MPT 0,5/ 4-2,54 BD:N-3 1707435 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 6 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MPT 0,5/ 4-2,54 BD:N-3



Manufacturer	PHOENIX CONTACT
MPN / Reference	MPT 0,5/ 4-2,54 BD:N-3
Catalog number	1707435
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-A53A69D652
Generated	2026-08-05

Product Overview

Terminal block for printed circuit board, rated current: 6 A, rated voltage: 160 V, pitch: 2.54 mm, number of poles: 4, connection type: Screw connection with traction capsule, mounting: Wave soldering, connection direction conductor/printed circuit board: 0 °, color: green

Terminal block for printed circuit board, rated current: 6 A, rated voltage (III/2): 160 V, rated cross-section: 0.5 mm², number of rows: 1, number of poles per row: 4, item family: MPT 0.5, pitch: 2.54 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, Mounting: Wave soldering, conductor/PCB connection direction: 0°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, number of soldering 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

PCB terminal block, nominal current: 6 A, nom. voltage: 160 V, pitch: 2.54 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green
Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsExtremely small design for the respective conductor cross sectionKey Commercial Data
Orderkey 1707435

Packing unit 1

GTIN 4046356919050

Custom tariff number 85369010

General

Range of articles MPT 0,5

Rated surge voltage (III/3) 1.5 kV

Rated surge voltage (III/2) 1.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 63 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm²

Solder pin surface Sn

Stripping length 4.5 mm

Number of positions 4

Screw thread M1,6

Tightening torque, min 0.12 Nm

Tightening torque max 0.15 Nm

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

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

2 conductors with same cross section, solid max. 0.34 mm²

2 conductors with same cross section, stranded min. 0.14 mm²

2 conductors with same cross section, stranded max. 0.34 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MPT 0,5/ 4-2,54 BD:N-3 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.