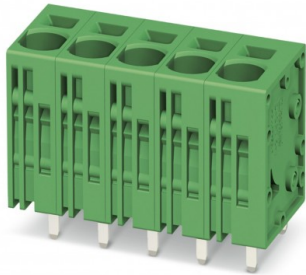


INDUSTRIAL COMPONENT DATA

SPT 5/ 4-V-7,5-ZB GY BD:-B+ SO 1705093 PHOENIX CONTACT

Terminal block for printed circuit board, rated curre..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 4-V-7,5-ZB GY BD:-B+ SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 5/ 4-V-7,5-ZB GY BD:-B+ SO
Catalog number	1705093
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-262F2C4E26
Generated	2026-08-05

Product Overview

Terminal block for printed circuit board, rated current: 41 A, rated voltage: 1000 V, pitch: 7.5 mm, number of poles: 4, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 90 °, color: gray

Terminal for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal section: 6 mm², number of rows: 1, number of poles per row: 4, family of articles: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: gray, Pin arrangement: Zigzag Pins W, Pin length [P]: 4.6 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

PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 7.5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: gray

Your advantages

Time saving push-in connection, tools not required
Defined contact force ensures that contact remains stable over the long term
Clamping space opened by means of fixed screwdriver enables convenient conductor connection
Unrestricted

600-V-UL approval thanks to compact zig-zag pinning
Vertical connection enables multi-row arrangement on the PCB
Key Commercial Data

Orderkey 1705093

Packing unit 1

GTIN 4046356753418

Custom tariff number 85369010

General

Range of articles SPT 5/..-V

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 800 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Nominal cross section 6 mm²

Solder pin surface Sn

Stripping length 15 mm

Number of positions 4

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 8

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.25 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlim...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 5/ 4-V-7,5-ZB GY BD:-B+ SO 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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