

INDUSTRIAL COMPONENT DATA

SPT 5/ 3-V-7,5-ZB BK 1705585 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 41 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 5/ 3-V-7,5-ZB BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 5/ 3-V-7,5-ZB BK
Catalog number	1705585
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-1528E89D6F
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, rated current: 41 A, rated voltage: 1000 V, pitch: 7.5 mm, number of poles: 3, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 90 °, color: black

Terminal block 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: 3, article family: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: black, Pin arrangement: W zigzag pins, Pin length [P]: 4.6 mm, number of solder pins per potential: 1, packaging type: boxed
PCB terminal block, rated current: 41 A, dimensioning voltage (III/2): 1000 V, nominal cross-section: 6 mm², number of rows: 1, number of poles per row: 3, product series: SPT 5/.. -V, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/board connection direction: 90°, color: black, Pin layout: Zigzag pinning W, Pin length [P]: 4.6 mm, number of soldering pins per potential: 1, Package type: packed in carton

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: 3, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: black

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

Commercial Data

Orderkey 1705585

Packing unit 1

GTIN 4046356780414

Custom tariff number 85369010

Material data - housing

Housing color black (9005)

Dimensions for the product

Length [l] 18.5 mm

Width [w] 24.3 mm

Height (without solder pin) 24.15 mm

Solder pin [P] 4.6 mm

Dimension a 15 mm

Pin spacing 14 mm

Dimensions for PCB design

Hole diameter 2.1 mm

Pin spacing 14 mm

Packaging information

Type of packaging packed in cardboard

Pieces per package 50

Denomination packing units Pcs.

Air clearances and creepage distances

Voltage 800 V

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

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Send PHOENIX CONTACT / SPT 5/ 3-V-7,5-ZB 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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