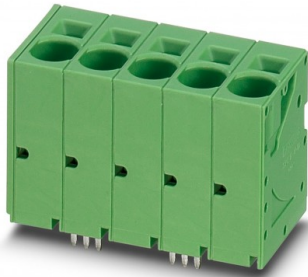


INDUSTRIAL COMPONENT DATA

SPT 16/ 5-V-10,0-ZB BDL1-SERD 1707029 PHOENIX CONTACT

Terminal for printed circuit board, rated current: 76 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 16/ 5-V-10,0-ZB BDL1-SERD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 16/ 5-V-10,0-ZB BDL1-SERD
Catalog number	1707029
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D15A3207F9
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, rated current: 76 A, rated voltage: 1000 V, pitch: 10 mm, number of poles: 5, connection type: Push-in spring connection, mounting: Wave soldering, color: green

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, family of articles: SPT 16/.. -V, pitch: 10 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Zigzag pins W, Pin length [P]: 4.1 mm, number of solder pins per potential: 3, 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: 76 A, nom. voltage: 1000 V, pitch: 10 mm, number of positions: 5, connection method: Push-in spring connection, mounting: Wave soldering, color: green

Your advantages

Time saving push-in connection, tools not requiredDefined contact force ensures that contact remains stable over the long termClamping space opened by means of fixed screwdriver enables convenient conductor connectionUnrestricted

600-V-UL approval thanks to compact zig-zag pinningVertical connection enables multi-row arrangement on the PCBKey Commercial Data

Orderkey 1707029

Packing unit 1

GTIN 4046356894746

Custom tariff number 85369010

Electrical parameters

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.75 mm² ... 16 mm²

Conductor cross section flexible 0.75 mm² ... 16 mm²

Conductor cross section AWG / kcmil 20 ... 4

Conductor cross section flexible, with ferrule without plastic sleeve 0.75 mm² ... 16 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.75 mm² ... 4 mm²

Stripping length 18 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics hot-dip tin-plated

Material data - housing

Housing color green (6021)

Insulating material PA

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability ind...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 16/ 5-V-10,0-ZB BDL1-SERD 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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