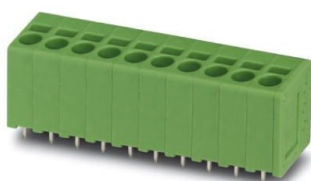


INDUSTRIAL COMPONENT DATA

SPT 2,5/ 3-V-5,0-EX BK 1708299 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 2,5/ 3-V-5,0-EX BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 2,5/ 3-V-5,0-EX BK
Catalog number	1708299
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-97DE062320
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 23 A, nominal section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SPT 2.5/..-V-EX, pitch: 5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.5 mm, number of solder pins per potential: 2, 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 1708299

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4046356998215

Weight per Piece (excluding packing) 4.150 g

Custom tariff number 85369010

Country of origin PL (Poland)

Item properties

Brief article description PCB terminal block

Range of articles SPT 2,5/..-V-EX

Pitch 5 mm
Number of positions 3
Connection method Push-in spring connection
Mounting type Wave soldering
Pin layout Linear double pinning
Number of levels 1
Number of connections 3
Number of potentials 3
Connection capacity
Conductor cross section solid 0.2 mm² ... 4 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Stripping length 10 mm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to EN 60695-10-2 125 °C
Dimensions for the product
Dimensional drawing
Length [l] 13.5 mm
Width [w] 16.4 mm
Height [h] 16.9 mm
Pitch 5 mm
Height (without solder pin) 14.4 mm
Solder pin [P] 2.5 mm
Pin spacing 8.2 mm
Pin dimensions 0.8 x 0.8 mm
Dimension a 10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 2,5/ 3-V-5,0-EX 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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