

INDUSTRIAL COMPONENT DATA

SPT 35/ 1-V-15,0 BK 1712456 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 35/ 1-V-15,0 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPT 35/ 1-V-15,0 BK
Catalog number	1712456
Category	Printed circuit board terminal
Minimum order	20 Pcs
Document ID	EO-B288ECC13D
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 125 A, nominal voltage (III/2): 1000 V, nominal section: 35 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, family of articles: SPT 35/.. -V, pitch: 15 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]: 5.9 mm, number of solder pins per potential: 4, 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 1712456

Packing unit 1

GTIN 4055626289465

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPT 35/..-V

Pitch 15 mm

Number of positions 1

Connection method Push-in spring connection

Mounting type Wave soldering

Pin layout linear double pinning

Number of levels 1

Number of connections 1

Number of potentials 1

Electrical parameters

Rated current 125 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 1.5 mm² ... 16 mm²

Conductor cross section flexible 1.5 mm² ... 35 mm²

Conductor cross section flexible, with ferrule without plastic sleeve 1.5 mm² ... 35 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 1.5 mm² ... 35 mm²

Stripping length 25 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 (10 - 16 µm Sn)

Metal surface soldering area (top layer) Tin (10 - 16 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

Dimensions for the product

Dimensional drawing

Length [l] 35.2 mm

Width [w] 17.75 mm

Height [h] 44.2 mm

Pitch 15 mm

Height (without solder pin) 38.3 mm

Solder pin [P] 5.9 mm

Pin spacing 16 mm

Pin dimensions 1.5 x 1.5 mm

Dimensions for PCB design

Hole di...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 35/ 1-V-15,0 BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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