

INDUSTRIAL COMPONENT DATA

SMKDS 5/ 3-9,5 1720020 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 5/ 3-9,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 5/ 3-9,5
Catalog number	1720020
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-A1460D8358
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 1000 V, nominal cross-section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: SMKDS 5, pitch: 9.52 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 35 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 1, packaging type: boxed packaging. The item can be aligned with different numbers of poles!

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

Key Commercial Data

Orderkey 1720020

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918024987

Weight per Piece (excluding packing) 9.670 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 18.5 mm

Pitch 9.52 mm

Dimension a 19.04 mm

Width [w] 28.56 mm

Height 21.5 mm

Height [h] 26.5 mm

Solder pin [P] 5 mm

Hole diameter 1.3 mm

General

Range of articles SMKDS 5

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 690 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 32 A

Nominal cross section 4 mm²

Maximum load current 32 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V2

Internal cylindrical gage A4

Stripping length 8 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 6 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 4 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 4 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 5/ 3-9,5 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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