

INDUSTRIAL COMPONENT DATA

SMKDS 1/ 4-3,81 VPE250 1704951 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 10 A..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 4-3,81 VPE250



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 4-3,81 VPE250
Catalog number	1704951
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-6C4BD2CB14
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, rated current: 10 A, rated voltage: 200 V, pitch: 3.81 mm, number of poles: 4, connection type: Screw connection with traction capsule, mounting: Wave soldering, driver/printed circuit board connection direction: 35 °, color: green

Printed circuit board terminal, rated current: 10 A, sizing voltage (III/2): 200 V, nominal section: 1 mm², Number of rows: 1, Number of poles per row: 4, item family: SMKDS 1, pitch: 3.81 mm, connection type: Screw connection with traction capsule, mounting: Wave welding, connection direction conductor/printed circuit board: 35°, color: green, Pin layout: Linear pin arrangement, Pin length [P]: 3.5 mm, 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)
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Additional Product Information

PCB terminal block, nominal current: 10 A, nom. voltage: 200 V, pitch: 3.81 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 35 °, color: green
Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsAngled connection enables multi-row arrangement on the PCBExtremely small design for the respective conductor cross sectionKey Commercial Data

Orderkey 1704951

Packing unit 1

GTIN 4046356745826

Custom tariff number 85369010

General

Range of articles SMKDS 1

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current IN 10 A

Nominal cross section 1 mm²

Solder pin surface Sn

Stripping length 5 mm

Number of positions 4

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.14 mm²

2 conductors with same cross section, solid max. 0.5 mm²

2 conductors with same cross section, stranded min. 0.14 mm²

2 conductors with same cross section, stranded max. 0.2 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Environmental Product Compl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 4-3,81 VPE250 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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