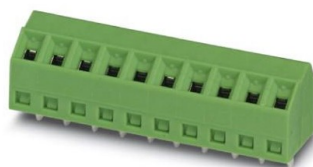


## INDUSTRIAL COMPONENT DATA

# SMKDS 1/ 7-3,81 1728336 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 7-3,81



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SMKDS 1/ 7-3,81                |
| Catalog number  | 1728336                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-DF4782224B                  |
| Generated       | 2026-08-01                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 10 A, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm<sup>2</sup>, number of potentials: 7, number of rows: 1, number of poles per row: 7, article family: SMKDS 1, pitch: 3.81 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]: 3.5 mm, number of solder pins per potential: 1, 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 1728336

Packing unit 100 pc

Minimum order quantity 100 pc

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GTIN 4017918025786

Weight per Piece (excluding packing) 4.230 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ l ] 10 mm

Pitch 3.81 mm

Dimension a 22.86 mm

Width [ w ] 26.66 mm

Height 9.5 mm

Height [ h ] 13 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles SMKDS 1

Insulating material group I

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 I<sub>N</sub> 10 A

Nominal cross section 1 mm<sup>2</sup>

Maximum load current 12 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 5 mm

Number of positions 7

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 1 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm<sup>2</sup>...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 7-3,81 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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