

**INDUSTRIAL COMPONENT DATA**

# SMKDS 1/ 7-3,81 BD:10-SE 1729218 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 7-3,81 BD:10-SE



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SMKDS 1/ 7-3,81 BD:10-SE       |
| Catalog number  | 1729218                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-4D2E82B8E9                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, Number of poles per row: 7, item family: SMKDS 1, pitch: 3.81 mm, color: green, Pin arrangement: 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)**

## Additional Product Information

Key Commercial Data

Orderkey 1729218

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356147859

Weight per Piece (excluding packing) 4.380 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

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 mm<sup>2</sup>

Solder pin surface

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 AWG min. 26

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, solid max. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 0.2 mm<sup>2</sup>

#### Standards and Regulations

Connection in acc. with standard EN-VDE

#### CSA

#### Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

#### Classifications

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 7-3,81 BD:10-SE 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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