

**INDUSTRIAL COMPONENT DATA**

# SMKDS 1/ 8-3,5 BD:0,+V 1706647 PHOENIX CONTACT

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

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/ 8-3,5 BD:0,+V



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SMKDS 1/ 8-3,5 BD:0,+V         |
| Catalog number  | 1706647                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-2221533E0E                  |
| Generated       | 2026-08-04                     |

### Product Overview

Terminal block for printed circuit board, rated current: 10 A, rated voltage: 200 V, pitch: 3.5 mm, number of poles: 8, connection type: Screw connection with traction capsule, mounting: Wave soldering, connection direction driver/printed circuit board: 35 °, color: green

Terminal block for printed circuit board, nominal current: 10 A, dimensioning voltage (III/2): 200 V, nominal section: 1 mm<sup>2</sup>, Number of potentials: 8, Number of rows: 1, Number of poles per row: 8, family of articles: SMKDS 1, pitch: 3.5 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Driver/PCB connection direction: 35°, Color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, 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 &gt; PCB Connectors (PCC)

### Additional Product Information

PCB terminal block, nominal current: 10 A, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 8, 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 1706647

Packing unit 1

GTIN 4046356871372

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 mm<sup>2</sup>

Solder pin surface Sn

Stripping length 5 mm

Number of positions 8

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

Environmental Product Compliance...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/ 8-3,5 BD:0,+V 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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