

INDUSTRIAL COMPONENT DATA

SMKDS 1/ 8-3,5 BD:1-8 1707207 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 10 A,..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/ 8-3,5 BD:1-8
Catalog number	1707207
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-7903D4C38E
Generated	2026-08-05

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, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: SMKDS 1, pitch: 3.5 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

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 1707207

Packing unit 1

GTIN 4046356901895

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 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 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

Environmental Product Compliance...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.