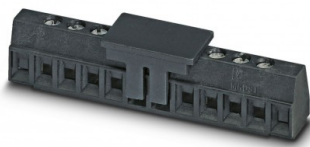


INDUSTRIAL COMPONENT DATA

MKDS 1/ 7-3,81 SMD BK 1727285 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 7-3,81 SMD BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1/ 7-3,81 SMD BK
Catalog number	1727285
Category	Printed circuit board terminal
Minimum order	15 Pcs
Document ID	EO-434C62AD62
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 8 A, nominal voltage (III/2): 160 V, nominal section: 1 mm², number of potentials: 7, number of rows: 1, number of poles per row: 7, family of articles: MKDS 1/.. -SMD, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: SMD soldering, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, number of solder pins per potential: 1, packaging type: Bar loader

Printed circuit board terminal, rated current: 8 A, rated voltage (III/2): 160 V, rated cross-section: 1 mm², number of potentials: 7, number of rows: 1, number of poles per row: 7, item family: MKDS 1/.. -SMD, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, mounting: SMD welding, driver/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pad geometry, number of solder pins per potential: 1, packaging type: Bar loader

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

Key Commercial Data

Orderkey 1727285

Packing unit 15 pc

Minimum order quantity 15 pc

Note Made to Order (non-returnable)

Catalog page Page 82 (C-1-2013)

GTIN 4017918025656

Weight per Piece (excluding packing) 7.460 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 7.3 mm

Pitch 3.81 mm

Dimension a 22.86 mm

Width [w] 26.66 mm

Height 9.2 mm

Height [h] 9.2 mm

General

Range of articles MKDS 1/..-SMD

Insulating material group IIIa

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) 160 V

Rated voltage (II/2) 250 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A (with 1.5 mm² conductor cross section)

Nominal cross section 1 mm²

Maximum load current 8 A

Insulating material PA-F

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 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 7-3,81 SMD BK 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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