

INDUSTRIAL COMPONENT DATA

MKDS 1/12-3,81 BD:FM-SD 1705953 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 13...

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/12-3,81 BD:FM-SD



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1/12-3,81 BD:FM-SD
Catalog number	1705953
Category	Printed circuit board terminal
Minimum order	60 Pcs
Document ID	EO-C1AE5ACB7E
Generated	2026-08-06

Product Overview

Terminal block for printed circuit board, rated current: 13.5 A, rated voltage: 200 V, pitch: 3.81 mm, number of poles: 12, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 200 V, nominal section: 1.5 mm², number of rows: 1, number of poles per row: 12, article family: MKDS 1, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, Mounting: Wave soldering, conductor/PCB connection direction: 0°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, number of soldering 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)
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Additional Product Information

PCB terminal block, nominal current: 13.5 A, nom. voltage: 200 V, pitch: 3.81 mm, number of positions: 12, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Your advantages

Well-known connection principle allows worldwide use
Low temperature rise, thanks to maximum contact force
Allows connection of two conductors
Extremely small design for the respective conductor cross section
Key Commercial Data
Orderkey 1705953

Packing unit 1

GTIN 4046356812542

Custom tariff number 85369010

General

Range of articles MKDS 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 I_N 13.5 A

Nominal cross section 1.5 mm²

Solder pin surface Sn

Stripping length 5 mm

Number of positions 12

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. 0.34 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period =....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/12-3,81 BD:FM-SD 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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