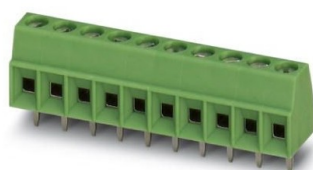


INDUSTRIAL COMPONENT DATA

MKDS 1/ 7-3,5 BD:1-7 1703023 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 7-3,5 BD:1-7



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1/ 7-3,5 BD:1-7
Catalog number	1703023
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D590819A16
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, dimensioning voltage (III/2): 200 V, nominal section: 1.5 mm², Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, family of articles: MKDS 1, pitch: 3.5mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Conductor connection direction/printed circuit board: 0 °, 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 1703023

Packing unit 1

GTIN 4046356632935

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 1

Pitch 3.5 mm

Number of positions 7

Connection method Screw connection with tension sleeve

Drive form screw head Slotted (L)

Screw thread M2

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 7

Number of potentials 7

Electrical parameters

Rated current 13.5 A

Rated insulation voltage (III/2) 200 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²

2 conductors with same cross section, solid 0.14 mm² ... 0.5 mm²

2 conductors with same cross section, flexible 0.14 mm² ... 0.34 mm²

Stripping length 5 mm

Torque 0.22 Nm ... 0.25 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)

Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)

Metal surface soldering area (middle layer) Nickel (2 - 3 µm Ni)

Material data -...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 7-3,5 BD:1-7 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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