

INDUSTRIAL COMPONENT DATA

MKDS 1/ 4-3,5 PROFINET 2 1050488 PHOENIX CONTACT PCB terminal block MKDS 1/ 4-3,5 PROFINET 2 1050488

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 4-3,5 PROFINET 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1/ 4-3,5 PROFINET 2
Catalog number	1050488
Category	Printed circuit board terminal
Minimum order	180 Pcs
Document ID	EO-916A35BEC5
Generated	2026-08-01

Product Overview

PCB terminal block - MKDS 1/ 4-3,5 PROFINET 2 - 1050488

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 200 V, nominal cross-section: 1.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: MKDS 1 PROFINET, 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: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed. The PCB terminal block meets the requirements of the CAT5-compliant "Guideline for PROFINET" version 05/2017

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: 3.5 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green. PCB terminal block satisfies the requirements of the "Guideline for PROFINET" in the edition dated 05/2017

Key Commercial Data

Orderkey 1050488

Packing unit 1

GTIN 4055626669304

Custom tariff number 85369010

Dimensions

Length [l] 7.3 mm

Pitch 3.5 mm

Dimension a 10.5 mm

Width [w] 14.5 mm

Height 8.5 mm

Height [h] 12 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles MKDS 1 PROFINET

Insulating material group I

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

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 5 mm

Number of positions 4

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. 1.5 mm²

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

Conductor cross section flexible, with ferrule wit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 4-3,5 PROFINET 2 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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