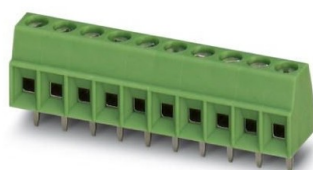


## INDUSTRIAL COMPONENT DATA

# MKDS 1/ 3-3,5 PA (1,3) 1700315 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 3-3,5 PA (1,3)



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 1/ 3-3,5 PA (1,3)         |
| Catalog number  | 1700315                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 240 Pcs                        |
| Document ID     | EO-BF6FAAA435                  |
| Generated       | 2026-08-05                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 200 V, nominal cross-section: 1.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 3, article family: MKDS 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: 0 °, 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

### Key Commercial Data

Orderkey 1700315

Packing unit 1

GTIN 4046356632928

Custom tariff number 85369010

### Item properties

Brief article description PCB terminal block

Range of articles MKDS 1

Pitch 3.5 mm

Number of positions 3

Connection method Screw connection with tension sleeve

Mounting type Wave soldering

Number of levels 1

Number of connections 3

Number of potentials 3

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 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Conductor cross section flexible 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Conductor cross section AWG / kcmil 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

2 conductors with same cross section, solid 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

2 conductors with same cross section, flexible 0.14 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>

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 - housing

Insulating material PA

Insulating material group I

CTI according to...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 3-3,5 PA (1,3) with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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