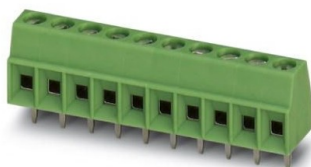


## INDUSTRIAL COMPONENT DATA

# MKDS 1/ 2-3,5 1751248 PHOENIX CONTACT PCB terminal block

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 1/ 2-3,5                  |
| Catalog number  | 1751248                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 360 Pcs                        |
| Document ID     | EO-5861315EFC                  |
| Generated       | 2026-08-02                     |

## 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: 2, 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 1751248

Packing unit 250 pc

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GTIN 4017918028329

Weight per Piece (excluding packing) 1.000 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles MKDS 1  
Pitch 3.5 mm  
Number of positions 2  
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 2  
Number of potentials 2  
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 ar...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 2-3,5 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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