

## INDUSTRIAL COMPONENT DATA

# MKDS 1/ 5-3,5 BD:13-17 1704475 PHOENIX CONTACT

## Terminal block for printed circuit board, rated current: 13.5..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 5-3,5 BD:13-17



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 1/ 5-3,5 BD:13-17         |
| Catalog number  | 1704475                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-AB8926DF6C                  |
| Generated       | 2026-08-04                     |

### Product Overview

Terminal block for printed circuit board, rated current: 13.5 A, rated voltage: 200 V, pitch: 3.5 mm, number of poles: 5, 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 cross-section: 1.5 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, 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 &gt; PCB Connectors (PCC)

### Additional Product Information

PCB terminal block, nominal current: 13.5 A, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 5, 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 useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsExtremely small design for the respective conductor cross sectionKey Commercial Data  
Orderkey 1704475

Packing unit 1

GTIN 4046356723916

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 mm<sup>2</sup>

Solder pin surface Sn

Stripping length 5 mm

Number of positions 5

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 mm<sup>2</sup>

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

2 conductors with same cross section, stranded min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 0.34 mm<sup>2</sup>

#### Standards and Regulations

Connection in acc. with standard EN-VDE

#### CSA

#### Environmental Product Compliance

China RoHS Environmentally Friendly Use Period =...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 5-3,5 BD:13-17 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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