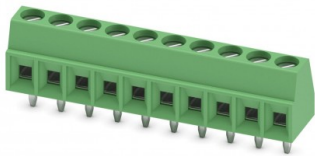


## INDUSTRIAL COMPONENT DATA

# MKDS 1/ 4-3,5 BD:1,1,2,2 1705584 PHOENIX CONTACT

## Terminal block for printed circuit board, rated current: 13..

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 1/ 4-3,5 BD:1,1,2,2       |
| Catalog number  | 1705584                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 180 Pcs                        |
| Document ID     | EO-0D73A58938                  |
| Generated       | 2026-08-06                     |

### Product Overview

Terminal block for printed circuit board, rated current: 13.5 A, rated voltage: 200 V, pitch: 3.5 mm, number of poles: 4, 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: 4, number of rows: 1, number of poles per row: 4, 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

Printed circuit board terminal, nominal current: 17.5 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDS 1, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family MKDS 1

Product line COMBICON Terminals S

Type PC termination block

Number of positions 4

Pitch 3.5 mm

Number of connections 4

Number of rows 1

Number of potentials 4

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 01

Electrical propertiesNominal current  $I_N$  17.5 A

Nominal voltage  $U_N$  200 V

Rated voltage (III/3) 160 V

Rated surge voltage (III/3) 2.5 kV

Rated voltage (III/2) 200 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 400 V

Rated surge voltage (II/2) 2.5 kV

Connection dataConnection technology

Type PC termination block

Nominal cross section 1.5 mm<sup>2</sup>

Conductor connection

Connection method Screw connection with tension sleeve

Conductor cross section rigid 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 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

Drive form screw head Slotted (L)

Tightening torque 0.22 Nm ... 0.25 Nm

MountingMounting type Wave soldering

Pin layout Linear pinning

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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