

## INDUSTRIAL COMPONENT DATA

# MKDS 1/ 3-3,81 HT BK 1985836 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 3-3,81 HT BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 1/ 3-3,81 HT BK           |
| Catalog number  | 1985836                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 240 Pcs                        |
| Document ID     | EO-D3E45D2359                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 200 V, nominal section: 1.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDS 1/..-HT, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, mounting: Weld THR, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, Packing type: Boxed packed. This item can be soldered together with SMD components in reflow soldering ovens.

Printed circuit board terminal, nominal current: 13.5 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: MKDS 1/..-HT, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: THR soldering / wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. This article can be soldered in the reflow furnace together with SMD components.

## 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/..-HT

Product line COMBICON Terminals S

Type PC termination block  
Number of positions 3  
Pitch 3.81 mm  
Number of connections 3  
Number of rows 1  
Number of potentials 3  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 02  
Electrical propertiesNominal current IN 13.5 A  
Nominal voltage UN 200 V  
Rated voltage (III/3) 63 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) 200 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 THR soldering / wave soldering  
Pin layout Linear pinning  
Processing notes  
Process Reflow/wave soldering  
Moisture Sensitive Level MSL 3  
Cl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 3-3,81 HT BK 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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