

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
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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 mm², 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 mm², 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 > 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 mm²

Conductor connection

Connection method Screw connection with tension sleeve

Conductor cross section rigid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²

2 conductors with same cross section, solid 0.14 mm² ... 0.5 mm²

2 conductors with same cross section, flexible 0.14 mm² ... 0.34 mm²

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 or use 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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