

INDUSTRIAL COMPONENT DATA

MK3DS 1/ 2-3,81 1727735 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MK3DS 1/ 2-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MK3DS 1/ 2-3,81
Catalog number	1727735
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-54FF7EF048
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 8 A, nominal voltage (III/2): 160 V, nominal cross-section: 1 mm², number of potentials: 6, number of rows: 3, number of poles per row: 2, article family: MK3DS 1, pitch: 3.81 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)
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Additional Product Information

Key Commercial Data

Orderkey 1727735

Packing unit 50 pc

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GTIN 4017918116361

Weight per Piece (excluding packing) 4.190 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles MK3DS 1
Pitch 3.81 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 3
Number of connections 6
Number of potentials 6
Electrical parameters
Rated current 8 A
Rated insulation voltage (III/2) 160 V
Rated surge voltage (III/2) 2.5 kV
Connection capacity
Conductor cross section solid 0.14 mm² ... 1.5 mm²
Conductor cross section flexible 0.14 mm² ... 1 mm²
Conductor cross section AWG / kcmil 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 ... 0.2 mm²
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 area (t...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MK3DS 1/ 2-3,81 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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