

INDUSTRIAL COMPONENT DATA

MK3DSMH 3/ 3-5,08-EX 1870268 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MK3DSMH 3/ 3-5,08-EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	MK3DSMH 3/ 3-5,08-EX
Catalog number	1870268
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-0A6CF73EC4
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 20 A, nominal cross-section: 2.5 mm², number of potentials: 6, number of rows: 2, number of poles per row: 3, article family: MK3DSMH 3-EX, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of solder pins per potential: 1, packaging type: boxed. The item can be aligned with different numbers of poles!

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 1870268

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4017918310066

Weight per Piece (excluding packing) 17.840 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 23.1 mm

Pitch 5.08 mm

Dimension a 10.16 mm

Width [w] 15.24 mm

Height 44.8 mm

Height [h] 49.8 mm

Solder pin [P] 5 mm

Hole diameter 1.3 mm

General

Range of articles MK3DSMH 3-EX

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 22 A

Nominal cross section 2.5 mm²

Maximum load current 24 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 7 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

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

Conductor cross section flexible, with ferr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MK3DSMH 3/ 3-5,08-EX 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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