

INDUSTRIAL COMPONENT DATA

MK3DSMH 3/ 2-5,08-EX BU 1703106 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MK3DSMH 3/ 2-5,08-EX BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MK3DSMH 3/ 2-5,08-EX BU
Catalog number	1703106
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-E609B04014
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 20 A, nominal cross-section: 2.5 mm², number of potentials: 4, number of rows: 2, number of poles per row: 2, 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/printed circuit board connection direction: 0 °, color: blue, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 1, packaging type: boxed

PCB terminal, nominal current: 20 A, nominal cross-section: 2.5 mm², number of potentials: 4, number of rows: 2, number of poles per row: 2, item range: MK3DSMH 3-EX, pitch: 5.08 mm, connection type: Screwed connection with ring, screw driving surface: L Longitudinal slot, mounting: Wave soldering, conductor/PCB plugging direction: 0°, Colour: blue, Pin layout: Linear pinout, Spindle length [P]: 5 mm, Number of pins per potential: 1, Packaging type: packed in carton

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

Key Commercial Data

Orderkey 1703106

Packing unit 1

GTIN 4046356637008

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MK3DSMH 3-EX

Pitch 5.08 mm

Number of positions 2

Connection method Screw connection with tension sleeve

Drive form screw head Slotted (L)

Screw thread M3

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 2

Number of connections 4

Number of potentials 4

Electrical parameters

Rated current 22 A

Rated insulation voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section solid 0.2 mm² ... 4 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 24 ... 12

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²

2 conductors with same cross section, solid 0.2 mm² ... 1.5 mm²

2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.75 mm²

Stripping length 7 mm

Torque 0.5 Nm ... 0.6 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 soldering area (top layer) Tin (5 - 7 µm Sn)

Material data - housing

Insulating material PA

In...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MK3DSMH 3/ 2-5,08-EX BU 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.