

INDUSTRIAL COMPONENT DATA

MK3DSMH 3/ 2-5,08 BD:3,4,7,8 1028079 PHOENIX CONTACT

Terminal for printed circuit board, pitch: 5,08 mm, num..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MK3DSMH 3/ 2-5,08 BD:3,4,7,8



Manufacturer	PHOENIX CONTACT
MPN / Reference	MK3DSMH 3/ 2-5,08 BD:3,4,7,8
Catalog number	1028079
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-0EEAECBDDA
Generated	2026-08-04

Product Overview

Terminal for printed circuit board, pitch: 5,08 mm, number of poles: 2, type of connection: Connection by screw with capsule-traction, assembly: wave Soldering, color: green

Terminal block for printed circuit board, rated current: 22 A, rated voltage (III/2): 400 V, nominal section: 2.5 mm², number of rows: 2, number of poles per row: 2, article family: MK3DSMH 3, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, Mounting: Wave Soldering, Conductor/PCB Connection Direction: 0°, Color: Green, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 5mm, 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)

Additional Product Information

Technical dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family MK3DSMH 3

Product Line COMBICON Terminals M

Number of poles 2

Step 5.08 mm

Number of rows 2

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 1

Data Maintenance Status

Article Review 01**Electrical Properties**Nominal Current IN 22 A

Nominal voltage UN 400 V

Sizing voltage (III/3) 250 V

Dimensioning transient voltage (III/3) 4 kV

Dimensioning voltage (III/2) 400 V

Dimensioning Transient Voltage (III/2) 4 kV

Nominal voltage (II/2) 630 V

Dimensioning transient voltage (II/2) 4 kV

Connection dataConnection technology

Construction Card terminal, alignable

Nominal Section 2.5 mm²**Connecting Conductors**

Connection type Screw connection with traction capsule

Rigid conductor section 0.2 mm² ... 4 mm²Flexible conductor section 0.2 mm² ... 2.5 mm²

AWG Conductor Section 24 ... 12

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 1.5 mm²Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 2.5 mm²2 conductors with the same cross-section, rigid 0.2 mm² ... 1.5 mm²2 conductors with the same cross-section, flexible 0.2 mm² ... 1.5 mm²2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm² ... 0.75 mm²2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 0.5 mm²

Peel Length 7 mm

Drive shape: screw head Longitudinal groove (L)

Tightening torque 0.5 Nm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MK3DSMH 3/ 2-5,08 BD:3,4,7,8 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.