

**INDUSTRIAL COMPONENT DATA**

# MK3DSMH 3/ 3-5,08 TS 1703589 PHOENIX CONTACT PCB terminal block

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MK3DSMH 3/ 3-5,08 TS           |
| Catalog number  | 1703589                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-DD99E87BA5                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 22 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm<sup>2</sup>, number of rows: 2, number of poles per row: 3, article family: MK3DSMH 3, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: 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

Key Commercial Data

Orderkey 1703589

Packing unit 1

GTIN 4046356658669

Custom tariff number 85369010

Item properties

Number of positions 3

Drive form screw head Slotted (L)

Screw thread M3

Pin layout Linear pinning

## Dimensions for the product

Length [ l ] 23.1 mm

Width [ w ] 15.24 mm

Height [ h ] 49.8 mm

Pitch 5.08 mm

Height (without solder pin) 44.8 mm

Solder pin [P] 5 mm

Dimension a 10.16 mm

## Dimensions for PCB design

Hole diameter 1.3 mm

## Packaging information

Type of packaging packed in cardboard

Pieces per package 50

Denomination packing units Pcs.

Air clearances and creepage distances

Voltage 250 V

## Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss  
7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 3.0EC001121ETIM 4.0EC002643ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121432UNSPSC  
13.239121432

ETIM for 1703589 Connectors (EC002643)

## Feature Name

## Feature Value

Height (EF000040)

49.8 mm

Number of levels (EF002659)

2

Modular spacing connections (EF006827)

5.08 mm

Rated current In (EF008250)

22 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MK3DSMH 3/ 3-5,08 TS with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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