

INDUSTRIAL COMPONENT DATA

MKDS 3/ 9-5,08 PA:1,3,5,7,9 1708563 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 3/ 9-5,08 PA:1,3,5,7,9



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 3/ 9-5,08 PA:1,3,5,7,9
Catalog number	1708563
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-B3CD0BC475
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 9, article family: MKDS 3, pitch: 5.08 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Conductor/PCB connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of solder pins per potential: 1

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 1708563

Packing unit 1

GTIN 4055626025735

Custom tariff number 85369010

Dimensions

Length [l] 11.2 mm

Pitch 5.08 mm

Dimension a 40.64 mm

Height 18 mm

Height [h] 18 mm

Solder pin [P] 5 mm

Pin spacing 15.24 mm

Hole diameter 1.3 mm

General

Range of articles MKDS 3

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) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 24 A

Nominal cross section 2.5 mm²

Solder pin surface

Internal cylindrical gage A3

Stripping length 8 mm

Number of positions 9

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

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

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

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 1.5 mm²

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

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

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²

Standards and Regulations

Connection in acc. with standard...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 3/ 9-5,08 PA:1,3,5,7,9 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.