

INDUSTRIAL COMPONENT DATA

MKDS 3/ 8-5,08 GY 1128164 PHOENIX CONTACT Terminal for printed circuit board, pitch: 5,08 mm, number of pole..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 3/ 8-5,08 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 3/ 8-5,08 GY
Catalog number	1128164
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-DBF1515D39
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, pitch: 5,08 mm, number of poles: 8

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of rows: 1, number of poles per row: 8, article family: MKDS 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: Grey, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 5mm, Number of Soldering Pins per Potential: 1, Packaging Type: Boxed

PCB terminal block, rated current: 24 A, sizing voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of rows: 1, number of poles per row: 8, product series: MKDS 3, pitch: 5.08 mm, connection type: Screw connection with cage, screw connection form: L Longitudinal slot, mounting: Wave soldering, Conductor/board connection direction: 0°, Color: Grey, Pin layout: Linear pinning, Pin length [P]: 5 mm, Number of solder pins per potential: 1, Package 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

Technical dataArticle featuresProduct Type PCB terminal block

Product Family MKDS 3

Product Line COMBICON Terminals M

Number of poles 8

Step 5.08 mm

Number of rows 1

Pin Layout Linear Pinning

Number of Welding Pins per Potential 1

Data maintenance status

Article review 00

Electrical characteristics Rated Current IN 24 A

Rated voltage UN 400 V

Sizing voltage (III/3) 250 V

Sizing impulse voltage (III/3) 4 kV

Sizing voltage (III/2) 400 V

Sizing Impulse Voltage (III/2) 4 kV

Sizing voltage (II/2) 630 V

Sizing Impulse Voltage (II/2) 4 kV

Connection data Connection technology

type Modular PCB terminal block

Nominal cross-section 2.5 mm²

Conductor connection

Link Screw connection with cage

Rigid conductor cross-section 0.2 mm² ... 4 mm²

Flexible conductor cross-section 0.2 mm² ... 2.5 mm²

Conductor cross-section AWG 24 ... 12

Flexible conductor cross-section with cable lug without plastic collar 0.25 mm² ... 2.5 mm²

Flexible conductor cross-section with mounted lug and plastic collar 0.25 mm² ... 2.5 mm²

2 conductors of identical cross-section, rigid 0.2 mm² ... 1.5 mm²

2 conductors of identical flexible cross-section 0.2 mm² ... 1.5 mm²

2 conductors of the same flexible cross-section with ferrule without plastic collar 0.25 mm² ... 0.75 mm²

2 conductors of identical cross-section flexible with TWIN ferrule with plastic collar 0.5 mm² ... 1.5 mm²

Length of the section to be stripped 8 mm

Appliance type screw head Longitudinal slit (L)

Tightening torque 0.5 Nm ... 0.6 Nm

Montage Mountin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 3/ 8-5,08 GY 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.