

INDUSTRIAL COMPONENT DATA

MKDSN 2,5/ 3 BK PA1,3 1536666 PHOENIX CONTACT PCB terminal, rated current: 24 A, rated voltage (III/2): 400 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/ 3 BK PA1,3



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSN 2,5/ 3 BK PA1,3
Catalog number	1536666
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-5DE37C5950
Generated	2026-08-06

Product Overview

PCB terminal, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm², number of rows: 1, number of poles per row: 3, item family: MKDSN 2.5, pitch: 5 mm, connection type: Screw connection with pull capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, Mounting: Wave Soldering, Conductor/PCB Connection Direction: 0°, Color: Black, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 3.5mm, Number of Solder Pins by Potential: 1, Packing Type: Boxed Packaging

PCB terminal block, rated current: 24 A, dimensioning voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of rows: 1, number of poles per row: 3, product series: MKDSN 2.5, pitch: 5 mm, connection type: Screw connection with cage, screw connection form: H1L Philipps Reccess with longitudinal slot, Mounting: Wave soldering, conductor/board connection direction: 0°, Color: Black, Pin Layout: Linear pinning, Pin length [P]: 3.5 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 Line COMBICON Terminals M

Product Type PCB terminal block

Product Family MKDSN 2.5

No. of poles 3

Step 5 mm

Number of rows 1

Pin Layout Linear Pinning

Number of Welding Pins per Potential 1

Electrical characteristics Rated Current I_N 24 A

Rated voltage U_N 400 V

Degree of pollution 3

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 ... 2.5 mm²

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

Conductor cross-section AWG 24 ... 14

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 ... 0.75 mm²

2 conductors of identical flexible cross-section 0.2 mm² ... 0.75 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 6.5 mm

Tightening torque 0.5 Nm ... 0.6 Nm

Montage Mounting type Wave Soldering

Pin Layout Linear Pinning

Appliance type sc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/ 3 BK PA1,3 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.