

INDUSTRIAL COMPONENT DATA

MKDS 3/ 3-B-5,08 BU 1706442 PHOENIX CONTACT PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 3/ 3-B-5,08 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 3/ 3-B-5,08 BU
Catalog number	1706442
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-D48FF5B637
Generated	2026-09-29

Product Overview

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: blue, Connections internally jumpered

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDS 3/.. -B, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: blue, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of potential solder pins: 1, Packing type: Boxed packed. Internally bridged connections

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

Dimensions

Length 11.2 mm

Pitch 5.08 mm

Dimension a 10.16 mm

Constructional height 18 mm

Length of the solder pin 5 mm

Pin dimensions 0,9 x 0,9 mm

Hole diameter 1.3 mm

General

Range of articles MKDS 3/..-B

Insulating material group I

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 mm²Maximum load current 28 A (with 4 mm² conductor cross section)

Insulating material PA

Solder pin surface Sn

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 8 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 4 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 2.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 3/ 3-B-5,08 BU 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.