

INDUSTRIAL COMPONENT DATA

MKDSO 2,5/ 3-L 1707221 PHOENIX CONTACT PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSO 2,5/ 3-L



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSO 2,5/ 3-L
Catalog number	1707221
Category	Printed circuit board terminal
Minimum order	250 Pcs
Document ID	EO-936ED0DD28
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Product Overview

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Article with lateral pin exit

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: MKDSO 2.5/.. -L, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed packaging. Item with side pin output on the left

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 > Housing (HS)

Additional Product Information

Dimensions

Length 15.3 mm

Pitch 5.00 mm

Dimension a 10 mm

Constructional height 18 mm

Length of the solder pin 3.5 mm

Pin dimensions 0,8 x 1

Hole diameter 1.4 mm

General

Range of articles MKDSO 2,5/..-L

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 mm²

Maximum load current 24 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A2

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. 0.14 mm²Conductor cross section solid max. 2.5 mm²Conductor cross section flexible min. 0.14 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. 26

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.14 mm²2 conductors with same cross section, solid max. 0.75 mm²

2 conductors with same cross section, stra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSO 2,5/ 3-L 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

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