

INDUSTRIAL COMPONENT DATA

MKDS 3/ 2-EMG 10 1712342 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 3/ 2-EMG 10



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 3/ 2-EMG 10
Catalog number	1712342
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-14A1DDAB33
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: MKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 1, packaging type: boxed packaging. Suitable for EMG 10 mounting housing

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 1712342

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918023812

Weight per Piece (excluding packing) 3.960 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 11.2 mm

Pitch 5 mm

Dimension a 5 mm

Width [w] 10 mm

Height 18 mm

Height [h] 23 mm

Solder pin [P] 5 mm

Pin spacing 5 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 2

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 mm²2 conductors with same cross section, solid max. 1.5 mm²2 conductors with same cross section, stranded min. 0.2 mm²2 conductors with same cross section, stranded max. 1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 3/ 2-EMG 10 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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