

INDUSTRIAL COMPONENT DATA

SMKDS 3/24 A0 1724398 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/24 A0



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/24 A0
Catalog number	1724398
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-25E24C31CA
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, dimensioning voltage (III/2): 400 V, nominal section: 2.5 mm², Number of potentials: 24, Number of rows: 1, Number of poles per row: 24, article family: SMKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Connection direction conductor/printed circuit board: 55 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, packaging type: boxed packaging. The item can be aligned with different numbers of poles!

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 1724398

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918230715

Weight per Piece (excluding packing) 46.400 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [L] 16 mm

Pitch 5 mm

Dimension a 115 mm

Width [w] 120 mm

Height 22.5 mm

Height [h] 22.5 mm

Solder pin [P] 4.5 mm

Hole diameter 1.3 mm

General

Range of articles SMKDS 3

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 I_N 24 A

Nominal cross section 2.5 mm²

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

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 8 mm

Number of positions 24

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule wit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/24 A0 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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