

## 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-D0FD57D967                  |
| Generated       | 2026-08-02                     |

## 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 mm<sup>2</sup>, 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 mm<sup>2</sup>

Maximum load current 28 A (with 4 mm<sup>2</sup> 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 mm<sup>2</sup>

Conductor cross section solid max. 4 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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