

**INDUSTRIAL COMPONENT DATA**

# SMKDS 3/ 2 BD:7-8 1738212 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/ 2 BD:7-8



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SMKDS 3/ 2 BD:7-8              |
| Catalog number  | 1738212                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-0D9BB0856A                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 24 A, sizing voltage (III/2): 400 V, nominal section: 2.5 mm², Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, item family: SMKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave welding, Connection direction conductor/printed circuit board: 55°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5mm, Packaging type: boxed packaging

**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 1738212

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356282611

Weight per Piece (excluding packing) 3.710 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ L ] 16 mm

Pitch 5 mm

Dimension a 5 mm

Width [ w ] 10 mm

Height 18 mm

Height [ h ] 22.5 mm

Solder pin [P] 4.5 mm

Hole diameter 1.3 mm

#### General

Range of articles SMKDS 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 mm<sup>2</sup>

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 mm<sup>2</sup>

2 conductors with same cross section, solid max. 1.5 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.2 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 1.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors wit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 2 BD:7-8 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

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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