

INDUSTRIAL COMPONENT DATA

SMKDS 3/ 2 BD:5-6 1738209 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/ 2 BD:5-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/ 2 BD:5-6
Catalog number	1738209
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-667ED36FB0
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 1738209

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356282604

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 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 mm²

2 conductors with same cross section, solid max. 1.5 mm²

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 1.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²

2 conductors wit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 2 BD:5-6 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.