

INDUSTRIAL COMPONENT DATA

SMKDS 5/ 2-6,35 1720033 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 5/ 2-6,35



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 5/ 2-6,35
Catalog number	1720033
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-0A33C96E23
Generated	2026-07-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal cross-section: 4 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: SMKDS 5, pitch: 6.35 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 35 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 1, 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 1720033

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 447 (C-1-2013)

GTIN 4017918024994

Weight per Piece (excluding packing) 5.740 g

Custom tariff number 85369010

Country of origin PL (Poland)

Item properties

Brief article description PCB terminal block

Range of articles SMKDS 5

Pitch 6.35 mm

Number of positions 2

Connection method Screw connection with tension sleeve

Drive form screw head Slotted (L)

Screw thread M3

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 2

Number of potentials 2

Electrical parameters

Rated current 32 A

Rated insulation voltage (III/2) 630 V

Rated surge voltage (III/2) 6 kV

Connection capacityConductor cross section solid 0.2 mm² ... 6 mm²Conductor cross section flexible 0.2 mm² ... 4 mm²

Conductor cross section AWG / kcmil 24 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 4 mm²Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 4 mm²2 conductors with same cross section, solid 0.2 mm² ... 1.5 mm²2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.75 mm²2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 2.5 mm²

Stripping length 8 mm

Torque 0.5 Nm ... 0.6 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 5/ 2-6,35 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.