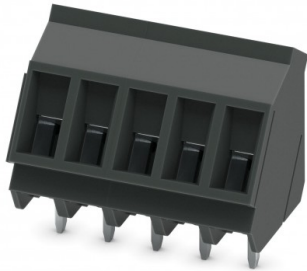


INDUSTRIAL COMPONENT DATA

SMKDS 3/ 5 BK 1016014 PHOENIX CONTACT Terminal for printed circuit board, rated voltage: 400 V, pitch: 5 mm,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/ 5 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/ 5 BK
Catalog number	1016014
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-083DC86CFF
Generated	2026-08-04

Product Overview

Terminal for printed circuit board, rated voltage: 400 V, pitch: 5 mm, number of poles: 5, type of connection: Connection by screw with capsule-traction, assembly: wave Soldering, color: black

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, family of articles: SMKDS 3, pitch: 5 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Connection direction driver/printed circuit board: 55 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, number of solder pins per potential: 1, packaging type: boxed

PCB terminal, nominal current: 24 A, reference voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article range: SMKDS 3, pitch: 5 mm, connection type: Screwed connection with ring, screw driving surface: L Longitudinal slot, mounting: Wave soldering, Conductor/PCB Plugging Direction: 55°, Colour: Black, Pin Layout: Linear Pinout, Pin Length [P]: 4.5 mm, Number of Pins Per Potential: 1, Packaging Type: Packed in a Box

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)
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Additional Product Information

Technical characteristicsProduct PropertiesProduct Type Printed circuit board terminal

Product range SMKDS 3

Product Line COMBICON Terminals M

Number of poles 5

Steps 5 mm
Number of connections 5
Number of rows 1
Number of potentials 5
Pinout plot Linear pinout
Number of pins per potential 1
Data Management Status
Revision of the article 00
Electrical properties Rated Current IN 24 A
Rated voltage UN 400 V
Reference voltage (III/3) 250 V
Rated Shock Resistance Voltage (III/3) 4 kV
Rated Voltage (III/2) 400 V
Rated Shock Withstand Voltage (III/2) 4 kV
Reference voltage (II/2) 630 V
Rated Shock Withstand Voltage (II/2) 4 kV
Connection features Connection technology
Type Side-by-side PCB terminal block
Nominal cross-section 2.5 mm²
Conductor connection
Connection type Screwed connection with ring
Rigid conductor cross-section 0.2 mm² ... 4 mm²
Soft conductor section 0.2 mm² ... 2.5 mm²
Conductive section. AWG 24 ... 12
Soft conductor section with end cap, without plastic bushing 0.25 mm² ... 2.5 mm²
Soft conductor section with plastic end cap and socket 0.25 mm² ... 2.5 mm²
2 rigid conductors of the same cross-section 0.2 mm² ... 1.5 mm²
2 flexible conductors of the same cross-section 0.2 mm² ... 1.5 mm²
2 conductors of the same cross-section, flexible with plastic sleeveless end cap 0.25 mm² ... 0.75 mm²
2 flexible conductors of the same cross-section with TWIN bit and plastic socket 0.5 mm² ... 1.5 mm²
Stripping length 8 mm
Screw head drive shape Longitudinal Slot (L)
Tighten in...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 5 BK 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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