

INDUSTRIAL COMPONENT DATA

SMKDS 2,5/10-5,08 BD:20-2 1709057 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/10-5,08 BD:20-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/10-5,08 BD:20-2
Catalog number	1709057
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-37C0A11C54
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 20 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 10, number of rows: 1, number of poles per row: 10, article family: SMKDS 2.5, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 50 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

Printed circuit board terminal, nominal current: 20 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of potentials: 10, number of rows: 1, number of positions per row: 10, product range: SMKDS 2,5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 50 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

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 dataProduct propertiesProduct type Printed circuit board terminal

Product family SMKDS 2,5

Product line COMBICON Terminals M

Type PC terminal block can be aligned

Number of positions 10

Pitch 5.08 mm
Number of connections 10
Number of rows 1
Number of potentials 10
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 05
Electrical propertiesNominal current I_N 20 A
Nominal voltage U_N 400 V
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 400 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 2.5 mm²
Conductor connection
Connection method Screw connection with tension sleeve
Conductor cross section rigid 0.14 mm² ... 2.5 mm²
Conductor cross section flexible 0.14 mm² ... 2.5 mm²
Conductor cross section AWG 26 ... 14
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with same cross section, solid 0.14 mm² ... 0.75 mm²
2 conductors with same cross section, flexible 0.14 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²
Stripping length 11...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/10-5,08 BD:20-2 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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