

INDUSTRIAL COMPONENT DATA

SMKDS 2,5/ 5-5,08 BD:1-5 1706342 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 20..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/ 5-5,08 BD:1-5



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/ 5-5,08 BD:1-5
Catalog number	1706342
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-5BED411425
Generated	2026-08-06

Product Overview

Terminal block for printed circuit board, rated current: 20 A, rated voltage: 400 V, pitch: 5.08 mm, number of poles: 5, connection type: Screw connection with traction capsule, mounting: Wave soldering, driver/printed circuit board connection direction: 50 °, color: green

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: 5, number of rows: 1, number of poles per row: 5, 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: 5, number of rows: 1, number of positions per row: 5, 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)
--------------	--

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 5

Pitch 5.08 mm

Number of connections 5

Number of rows 1

Number of potentials 5

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 05

Electrical propertiesNominal current IN 20 A

Nominal voltage UN 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 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/ 5-5,08 BD:1-5 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.