

INDUSTRIAL COMPONENT DATA

SMKDS 2,5/ 7-5,08 BD:1-7 1705801 PHOENIX CONTACT

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

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/ 7-5,08 BD:1-7

PRODUCT IMAGE\nNOT
AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/ 7-5,08 BD:1-7
Catalog number	1705801
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-7FBDCF4944
Generated	2026-09-29

Product Overview

Terminal block for printed circuit board, rated current: 20 A, rated voltage: 400 V, pitch: 5.08 mm, number of poles: 7, 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, dimensioning voltage (III/2): 400 V, nominal section: 2.5 mm², Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, article family: SMKDS 2.5, pitch: 5.08 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Connection direction conductor/printed circuit board: 50 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]:3.5 mm, packaging type: boxed

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

PCB terminal block, nominal current: 20 A, nom. voltage: 400 V, pitch: 5.08 mm, number of positions: 7, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 50 °, color: green
Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsAngled connection enables multi-row arrangement on the PCBIntegrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeveThe latching on the side enables various numbers of positions to be combinedKey Commercial Data

Orderkey 1705801

Packing unit 1

GTIN 4046356801935

Custom tariff number 85369010

General

Range of articles SMKDS 2,5

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 20 A

Nominal cross section 2.5 mm²

Solder pin surface Sn

Internal cylindrical gage A3

Stripping length 11 mm

Number of positions 7

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.14 mm²

2 conductors with same cross section, solid max. 0.75 mm²

2 conductors with same cross section, stranded min. 0.14 mm²

2 conductors wit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/ 7-5,08 BD:1-7 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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