

INDUSTRIAL COMPONENT DATA

SMKDS 2,5/16-5,08 GY BD:44-E8 1707445 PHOENIX CONTACT

Terminal block for printed circuit board, rated curren..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/16-5,08 GY BD:44-E8



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/16-5,08 GY BD:44-E8
Catalog number	1707445
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-3F2470DC4B
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Product Overview

Terminal block for printed circuit board, rated current: 20 A, rated voltage: 400 V, pitch: 5.08 mm, number of poles: 16, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor/printed circuit board connection direction: 50 °, color: gray

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: 16, number of rows: 1, number of poles per row: 16, 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: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, 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)
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Additional Product Information

PCB terminal block, nominal current: 20 A, nom. voltage: 400 V, pitch: 5.08 mm, number of positions: 16, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 50 °, color: gray

Your advantages

Well-known connection principle allows worldwide use
Low temperature rise, thanks to maximum contact force
Allows connection of two conductors
Angled connection enables multi-row arrangement on the PCB
Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve
The latching on the side enables various numbers of positions to be combined

Key Commercial Data

Orderkey 1707445
Packing unit 1
GTIN 4046356919722
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 16
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 wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/16-5,08 GY BD:44-E8 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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