INDUSTRIAL COMPONENT DATA

SMKDS 2,5/16-5,08 GY BD:NL2-44 1703370 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/16-5,08 GY BD:NL2-44

Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/16-5,08 GY BD:NL2-44
Catalog number	1703370
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-75C4CAE35A
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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: 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)

Additional Product Information

Key Commercial Data
Orderkey 1703370
Packing unit 1
GTIN 4046356648936
Custom tariff number 85369010
Dimensions
Length [l] 14.25 mm
Pitch 5.08 mm
Dimension a 76.2 mm
Width [w] 81.28 mm

Height 19.4 mm
Height [h] 22.9 mm
Solder pin [P] 3.5 mm
Hole diameter 1.4 mm
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
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 with same cross section, stranded max. 0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²
Standards and Regulations
Connection in acc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/16-5,08 GY BD:NL2-44 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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