

INDUSTRIAL COMPONENT DATA

SMKDS 2,5/16-5,08 GYBD:12-44 1714275 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 2,5/16-5,08 GYBD:12-44



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 2,5/16-5,08 GYBD:12-44
Catalog number	1714275
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-E8886FDA1D
Generated	2026-08-06

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)
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Additional Product Information

Key Commercial Data

Orderkey 1714275

Packing unit 1

GTIN 4055626353975

Custom tariff number 85369010

Dimensions

Length [l] 14.25 mm

Pitch 5.08 mm

Dimension a 76.2 mm

Height 20 mm

Solder pin [P] 3.5 mm

Hole diameter 1.4 mm

General

Range of articles SMKDS 2,5

Insulating material group

Rated voltage (III/2) 400 V

Nominal current IN 20 A

Nominal cross section 2.5 mm²

Solder pin surface

Flammability rating according to UL 94

Number of positions 16

Screw thread M3

Standards and Regulations

Flammability rating according to UL 94

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

ETIM for 1714275 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

22.9 mm

Number of electrical connections (EF008252)

16

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5.08 mm

Rated current In (EF008250)

20 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw connection

Connectable conductor cross section solid-core (EF007337)

0.14 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fine-strand wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 2,5/16-5,08 GYBD:12-44 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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