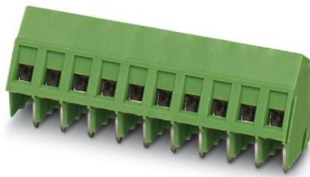


INDUSTRIAL COMPONENT DATA

SMKDSP 1,5/16-5,08 1718168 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDSP 1,5/16-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDSP 1,5/16-5,08
Catalog number	1718168
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-AE1AABFE31
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 17.5 A, rated voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 16, number of rows: 1, number of poles per row: 16, article family: SMKDSP 1.5, 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: 55 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed. The item can be aligned with different numbers of poles!

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 1718168

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918258030

Weight per Piece (excluding packing) 23.060 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 13.4 mm

Pitch 5.08 mm

Dimension a 76.2 mm

Width [w] 81.28 mm

Height 15.3 mm

Height [h] 18.8 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles SMKDSP 1,5

Insulating material group I

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 17.5 A

Nominal cross section 1.5 mm²Maximum load current 22 A (with a 2.5 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 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 mm²2 conductors with same cross section, solid max. 1 mm²2 conductors with same cross section, stranded min. 0.14 mm²2 conductors with same cross section, stranded max. 0.75 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²

2 conductors with same cro...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDSP 1,5/16-5,08 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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