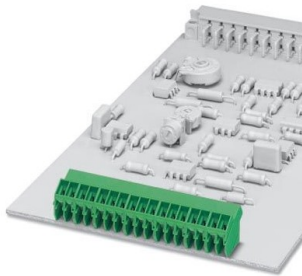


INDUSTRIAL COMPONENT DATA

SMKDS 1,5/ 4-3,5 BD:+5V-LB Q 1701116 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1,5/ 4-3,5 BD:+5V-LB Q



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1,5/ 4-3,5 BD:+5V-LB Q
Catalog number	1701116
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-70B220ADC6
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, dimensioning voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: SMKDS 1.5, pitch: 3.5mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 35 °, color: green, 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 1701116

Packing unit 1

GTIN 4046356515825

Custom tariff number 85369010

Dimensions

Length [l] 13.7 mm

Pitch 3.5 mm

Dimension a 10.5 mm

Width [w] 14 mm

Height 12 mm

Height [h] 15.5 mm

Solder pin [P] 3.5 mm

Pin spacing 3.5 mm

Hole diameter 1.3 mm

General

Range of articles SMKDS 1,5

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 1.5 mm²

Solder pin surface

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 4

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section AWG min. 28

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.08 mm²

2 conductors with same cross section, solid max. 0.5 mm²

2 conductors with same cross section, stranded min. 0.08 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. 0.34 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1,5/ 4-3,5 BD:+5V-LB Q 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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