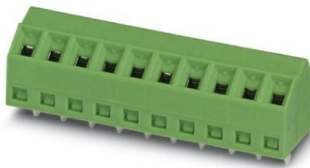


INDUSTRIAL COMPONENT DATA

SMKDS 1/12-3,5 BD:1-12 1757099 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 1/12-3,5 BD:1-12



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 1/12-3,5 BD:1-12
Catalog number	1757099
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-3F352D2AD8
Generated	2026-09-29

Product Overview

PCB terminal block

Printed circuit board terminal, rated current: 10 A, sizing voltage (III/2): 200 V, nominal section: 1 mm², Number of potentials: 12, Number of rows: 1, Number of poles per row: 12, item family: SMKDS 1, pitch: 3.5 mm, connection type: Screw connection with traction capsule, mounting: Wave welding, Connection direction conductor/printed circuit board: 35°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, packaging type: boxed packaging

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 1757099

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356340090

Weight per Piece (excluding packing) 6.450 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [L] 10 mm

Pitch 3.5 mm

Dimension a 38.5 mm

Width [w] 42.5 mm

Height 9.5 mm

Height [h] 13 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles SMKDS 1

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) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I_N 10 A

Nominal cross section 1 mm²

Solder pin surface

Stripping length 5 mm

Number of positions 12

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section AWG min. 26

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.14 mm²

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

2 conductors with same cross section, stranded min. 0.14 mm²

2 conductors with same cross section, stranded max. 0.2 mm²

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

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

Classifications

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 1/12-3,5 BD:1-12 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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