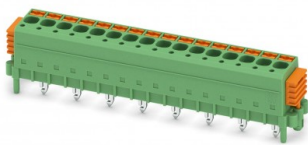


INDUSTRIAL COMPONENT DATA

SDC 2,5/16-PV-5,0-ZB 1864176 PHOENIX CONTACT Direct connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SDC 2,5/16-PV-5,0-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SDC 2,5/16-PV-5,0-ZB
Catalog number	1864176
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-D7E8533826
Generated	2026-08-04

Product Overview

Direct connector

Direct connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: SDC 2.5/.. -PV, pitch: 5 mm, connection type: Push-in spring connection, mounting: SKEDD - Direct connection system, conductor connection direction/printed circuit board: 90 °, pin arrangement: Zigzag pins W, pin length [P]: 4.7 mm, plug-in system: SKEDD, lock: Snap lock, fixing type: Snap flange, packing 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 1864176

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4055626210575

Weight per Piece (excluding packing) 19.740 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 15.3 mm

Width [w] 88.18 mm

Height [h] 21.2 mm

Pitch 5 mm

Dimension a 75 mm

General

Range of articles SDC 2,5/..-PV

Number of positions 16

Connection method Push-in spring connection

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) 200 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 2.5 mm²

Stripping length 10 mm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

Standards and Regulations

Connection in acc. with standard EN-VDE

Environmental Product Compliance

China RoHS Environmentally friendly use period: unli...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SDC 2,5/16-PV-5,0-ZB 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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