

## INDUSTRIAL COMPONENT DATA

# SDDC 1,5/ 2-PV-3,5 1848642 PHOENIX CONTACT Direct connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SDDC 1,5/ 2-PV-3,5



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | SDDC 1,5/ 2-PV-3,5              |
| Catalog number  | 1848642                         |
| Category        | Printed circuit board connector |
| Minimum order   | 250 Pcs                         |
| Document ID     | EO-B925E0A020                   |
| Generated       | 2026-08-05                      |

## Product Overview

Direct connector

Direct connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, number of potentials: 4, number of rows: 2, number of poles: 2, number of connections: 4, family of articles: SDDC 1.5/.. -PV, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: SKEDD - Direct connection system, conductor connection direction/printed circuit board: 90 °, pin arrangement: Double linear pin arrangement, plug-in system: SKEDD, lock: Snap lock, fixing type: Snap flange, 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 1848642

Packing unit 250 pc

Minimum order quantity 250 pc

GTIN 4055626307114

Weight per Piece (excluding packing) 2.400 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [ l ] 13.5 mm

Width [ w ] 14.3 mm

Height [ h ] 17.6 mm

Pitch 3.5 mm

Dimension a 3.5 mm

General

Range of articles SDDC 1,5/..-PV

Number of positions 2

Connection method Push-in spring connection

Insulating material group I

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) 400 V

Nominal current IN 8 A

Nominal cross section 1.5 mm<sup>2</sup>

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 8 mm

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 1 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally fri...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SDDC 1,5/ 2-PV-3,5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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