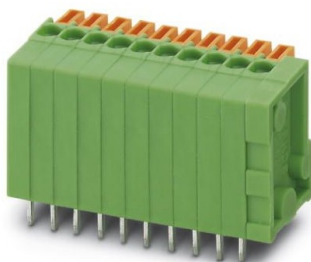


## INDUSTRIAL COMPONENT DATA

# FFKDSA1/V-2,54-16 1789074 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FFKDSA1/V-2,54-16



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FFKDSA1/V-2,54-16              |
| Catalog number  | 1789074                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 10 Pcs                         |
| Document ID     | EO-A875C95B11                  |
| Generated       | 2026-08-02                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal section: 0.5 mm<sup>2</sup>, number of potentials: 16, number of rows: 1, number of poles per row: 16, family of articles: FFKDS(A) 0.5/.. -V, pitch: 2.54 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 mm, number of solder pins per potential: 2, 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) |
|--------------|----------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1789074

Packing unit 10 pc

Minimum order quantity 10 pc

GTIN 4017918904401

Weight per Piece (excluding packing) 7.640 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ L ] 12.6 mm

Pitch 2.54 mm

Dimension a 38.1 mm

Width [ w ] 43.14 mm

Height 13.6 mm

Height [ h ] 17 mm

Solder pin [P] 3.4 mm

Pin spacing 5.08 mm

Hole diameter 1.1 mm

#### General

Range of articles FFKDS(A) 0,5/..-V

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) 63 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm<sup>2</sup>

Maximum load current 6 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 11 mm

Number of positions 16

#### Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 0.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 0.5 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

#### Standards and Regulations

Connection in acc. with standard EN-VDE

#### CSA

Flammability rating according to UL 94 V0

#### Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

#### Classifications

eCI@ss 4.027141109eCI@ss 4.127141109eCI@ss 5.027141190eC...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FFKDSA1/V-2,54-16 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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