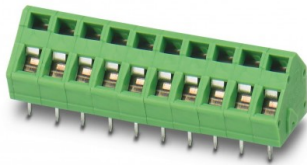


## INDUSTRIAL COMPONENT DATA

# ZFKDSA 1,5C-5,0-2 GY7035 1740145 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFKDSA 1,5C-5,0-2 GY7035



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZFKDSA 1,5C-5,0-2 GY7035       |
| Catalog number  | 1740145                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-3A2AF91E70                  |
| Generated       | 2026-09-28                     |

## Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 16 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: ZFKDS(A) 1.5C, pitch: 5 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed

PCB terminal, Rated current: 16 A, Rated voltage (III/2): 400 V, Nominal cross-section: 1.5 mm<sup>2</sup>, Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, Article family: ZFKDS(A) 1.5C, Pitch: 5 mm, Connection type: Tension spring connection, Mounting: wave soldering, Conductor/PCB connection direction: 45 °, Color: light grey, Pin layout: Linear pinning, Pin length [P]: 3.5 mm, Number of solder pins per potential: 2, Packaging type: packed in a carton

## 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1740145

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356289733

Weight per Piece (excluding packing) 1.960 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [ L ] 14.1 mm

Pitch 5 mm

Dimension a 5 mm

Height 13 mm

Solder pin [P] 3.5 mm

Pin spacing 5.08 mm

Hole diameter 1.1 mm

General

Range of articles ZFKDS(A) 1,5C

Insulating material group I

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) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 16 A

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

Maximum load current 16 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 2

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

2 conductors with same cross section, stranded min. 0.14 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 0.5 mm<sup>2</sup>

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

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

eCl@ss 4.027141109eCl@ss 4.127141109eCl@ss 5.027141190eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFKDSA 1,5C-5,0-2 GY7035 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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