

**INDUSTRIAL COMPONENT DATA**

# MKDS 5 HV/12-9,52-Z 7035LPD-12 1831727 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5 HV/12-9,52-Z 7035LPD-12



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 5 HV/12-9,52-Z 7035LPD-12 |
| Catalog number  | 1831727                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-0B0055031F                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 1000 V, nominal section: 4 mm<sup>2</sup>, number of potentials: 12, number of rows: 1, number of poles per row: 12, family of articles: MKDS 5 HV, pitch: 9.52 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: light gray, Pin arrangement: Zigzag M pins, Pin length [P]: 5.2mm, number of solder pins per potential: 1, 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 1831727

Packing unit 1

GTIN 4046356966894

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 5 HV

Pitch 9.52 mm

Number of positions 12

Connection method Screw connection with tension sleeve

Screw thread M3

Mounting type Wave soldering

Pin layout Zigzag pinning M

Number of levels 1

Number of connections 12

Number of potentials 12

Electrical parameters

Rated current 32 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section AWG / kcmil 24 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>

2 conductors with same cross section, solid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

2 conductors with same cross section, flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Stripping length 8 mm

Torque 0.5 Nm ... 0.6 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surface soldering area (top layer)...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5 HV/12-9,52-Z 7035LPD-12 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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