

**INDUSTRIAL COMPONENT DATA**

# MKDS 5/ 5-6,35 GY BD:1-5 1705268 PHOENIX CONTACT

## Terminal block for printed circuit board, rated current: 32..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5/ 5-6,35 GY BD:1-5



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 5/ 5-6,35 GY BD:1-5       |
| Catalog number  | 1705268                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-D1ECB39F88                  |
| Generated       | 2026-08-06                     |

### Product Overview

Terminal block for printed circuit board, rated current: 32 A, rated voltage: 630 V, pitch: 6.35 mm, number of poles: 5, connection type: Screw connection with traction capsule, mounting: Wave soldering, driver/printed circuit board connection direction: 0 °, color: gray

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal section: 4 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: MKDS 5, pitch: 6.35 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Driver/PCB connection direction: 0°, Color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.1mm, 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

PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 6.35 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray  
Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsThe latching on the side enables various numbers of positions to be combinedKey Commercial Data

Orderkey 1705268

Packing unit 1

GTIN 4046356762809

Custom tariff number 85369010

Electrical parameters

Rated current 32 A

Rated insulation voltage (III/2) 630 V

Rated surge voltage (III/2) 6 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>

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

Material data - contact

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

Contact material Cu alloy

Surface characteristics Tin-plated

Material data - housing

In...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5/ 5-6,35 GY BD:1-5 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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