

**INDUSTRIAL COMPONENT DATA**

# MKDS 10 HV/ 3-ZB-10,16 GYBDUVW 1806273 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/ 3-ZB-10,16 GYBDUVW



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 10 HV/ 3-ZB-10,16 GYBDUVW |
| Catalog number  | 1806273                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-E74C6B5B33                  |
| Generated       | 2026-08-06                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDS 10 HV, pitch: 10.16 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Connection direction conductor/printed circuit board: 0 °, color: gray, Pin arrangement: Zigzag Pins W, Pin length [P]: 5 mm, number of solder pins per potential: 2, Packaging type: Boxed

PCB terminal, Rated current: 76 A, Rated voltage (III/2): 1000 V, Nominal cross-section: 16 mm<sup>2</sup>, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, Product family: MKDS 10 HV, Pitch: 10.16 mm, Connection type: Screw connection with pull sleeve, Screw attack shape: L Longitudinal slot, Mounting: Wave soldering, Connection direction conductor/board: 0 °, Color: grey, Pin layout: Zig-zag pinning W, Pin length [P]: 5 mm, Number of solder pins per potential: 2, Packing type: packed in 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 1806273

Packing unit 1

GTIN 4046356699389

Custom tariff number 85369010

**Item properties**

Brief article description PCB terminal block

Range of articles MKDS 10 HV

Pitch 10.16 mm

Number of positions 3

Connection method Screw connection with tension sleeve

Screw thread M4

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

Number of connections 3

Number of potentials 3

**Electrical parameters**

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

**Connection capacity**Conductor cross section solid 0.5 mm<sup>2</sup> ... 16 mm<sup>2</sup>Conductor cross section flexible 0.5 mm<sup>2</sup> ... 16 mm<sup>2</sup>

Conductor cross section AWG / kcmil 20 ... 6

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm<sup>2</sup> ... 16 mm<sup>2</sup>Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm<sup>2</sup> ... 16 mm<sup>2</sup>2 conductors with same cross section, solid 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>2 conductors with same cross section, flexible 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Stripping length 10 mm

Torque 1.2 Nm ... 1.5 Nm

**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

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

Metal surfac...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / MKDS 10 HV/ 3-ZB-10,16 GYBDUVW 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**

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