

## INDUSTRIAL COMPONENT DATA

# MKDS 10 HV/ 3-ZB-10,16 BD:NZH1L 1723586 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/ 3-ZB-10,16 BD:NZH1L



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MKDS 10 HV/ 3-ZB-10,16 BD:NZH1L |
| Catalog number  | 1723586                         |
| Category        | Printed circuit board terminal  |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-54CCE4A112                   |
| Generated       | 2026-08-06                      |

## Product Overview

### PCB terminal block

Printed circuit board terminal block, rated current: 76 A, rated voltage (III/2): 1000 V, rated cross-section: 16 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: MKDS 10 HV, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Zigzag Pins W, Pin length [P]: 5 mm, number of soldering pins per potential: 2, packaging type: boxed

Printed circuit board terminal, nominal 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 positions per row: 3, product range: MKDS 10 HV, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: H1L Slotted Phillips recess, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Zigzag pinning W, Solder pin [P]: 5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family MKDS 10 HV

Product line COMBICON Terminals L

Type PC terminal block can be aligned

Number of positions 3

Pitch 10.16 mm  
Number of connections 3  
Number of rows 1  
Number of potentials 3  
Pin layout Zigzag pinning W  
Solder pins per potential 2  
Data management status  
Article revision 03  
Electrical propertiesNominal current IN 76 A  
Nominal voltage UN 1000 V  
Rated voltage (III/3) 800 V  
Rated surge voltage (III/3) 8 kV  
Rated voltage (III/2) 1000 V  
Rated surge voltage (III/2) 8 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 8 kV  
Connection dataConnection technology  
Type PC terminal block can be aligned  
Nominal cross section 16 mm<sup>2</sup>  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor cross section rigid 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 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, flexible, with ferrule without plastic sleeve 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Stripping length 10 mm  
Drive form screw...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/ 3-ZB-10,16 BD:NZH1L 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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