

## INDUSTRIAL COMPONENT DATA

# MKDS 5 HV/ 3-9,52-Z BKBDWH-L3 1046621 PHOENIX

## CONTACT PCB terminal block, nominal current: 32 A, rated volta..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5 HV/ 3-9,52-Z BKBDWH-L3



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 5 HV/ 3-9,52-Z BKBDWH-L3  |
| Catalog number  | 1046621                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 1000 Pcs                       |
| Document ID     | EO-98465E9910                  |
| Generated       | 2026-08-05                     |

### Product Overview

PCB terminal block, nominal current: 32 A, rated voltage (III/2): 1000 V, nominal cross section: 4 mm<sup>2</sup>, pitch: 9.52 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 5.2 mm

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: 3, number of rows: 1, number of poles per row: 3, article family: MKDS 5 HV, pitch: 9.52 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Driver/PCB connection direction: 0°, Color: Black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.2mm, number of solder pins per potential: 1, Packaging type: boxed

Printed circuit board terminal, nominal current: 32 A, rated voltage (III/2): 1000 V, nominal cross section: 4 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: MKDS 5 HV, pitch: 9.52 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 5.2 mm, number of solder pins per potential: 1, 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 5 HV  
Product line COMBICON Terminals L  
Number of positions 3  
Pitch 9.52 mm  
Number of connections 3  
Number of rows 1  
Number of potentials 3  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 01  
Electrical propertiesNominal current IN 32 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) 6 kV  
Connection dataConnection technology  
Type PC terminal block can be aligned  
Nominal cross section 4 mm<sup>2</sup>  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor cross section rigid 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 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, flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Stripping length 8 mm  
Drive form screw head Slotted (L)  
Tightening torque...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5 HV/ 3-9,52-Z BKBDWH-L3 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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