

## INDUSTRIAL COMPONENT DATA

# MKDS 5/ 5-6,35 BK Z1L TS 1831031 PHOENIX CONTACT PCB terminal block, nominal current: 32 A, nom. voltage: 63..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5/ 5-6,35 BK Z1L TS



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 5/ 5-6,35 BK Z1L TS       |
| Catalog number  | 1831031                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-1945890BD1                  |
| Generated       | 2026-08-03                     |

## Product Overview

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: black

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal cross-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, screw clamping method: Z1L Pozidriv with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.1 mm, 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 &gt; 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: black

Key Commercial Data

Orderkey 1831031

Packing unit 1

GTIN 4046356890755

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 5  
Pitch 6.35 mm  
Number of positions 5  
Connection method Screw connection with tension sleeve  
Drive form screw head Slotted Pozidriv (Z1L)  
Screw thread M3  
Mounting type Wave soldering  
Pin layout Linear pinning  
Number of levels 1  
Number of connections 5  
Number of potentials 5  
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>  
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>  
Str...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5/ 5-6,35 BK Z1L TS 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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