

## INDUSTRIAL COMPONENT DATA

# MKDSP 25/ 5-15,00 GY BD:L1 1712511 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 25/ 5-15,00 GY BD:L1



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSP 25/ 5-15,00 GY BD:L1     |
| Catalog number  | 1712511                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 10 Pcs                         |
| Document ID     | EO-62CB4DBAEC                  |
| Generated       | 2026-08-06                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 125 A, nominal voltage (III/2): 1000 V, nominal cross-section: 35 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: MKDSP 25, pitch: 15 mm, connection type: Screw connection with traction capsule, screw clamping method: Z2L Pozidriv with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, number of solder pins per potential: 4, packaging type: boxed packaging. Permanent mechanical loads on the terminal block must be avoided

## 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

### Key Commercial Data

Orderkey 1712511

Packing unit 1

GTIN 4055626290959

Custom tariff number 85369010

### Item properties

Brief article description PCB terminal block

Range of articles MKDSP 25

Pitch 15 mm

Number of positions 5  
Connection method Screw connection with tension sleeve  
Screw thread M5  
Mounting type Wave soldering  
Pin layout Linear pinning  
Number of levels 1  
Number of connections 5  
Number of potentials 5  
Electrical parameters  
Rated current 125 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> ... 35 mm<sup>2</sup>  
Conductor cross section flexible 0.5 mm<sup>2</sup> ... 35 mm<sup>2</sup>  
Conductor cross section AWG / kcmil 20 ... 2  
Conductor cross section flexible, with ferrule without plastic sleeve 1 mm<sup>2</sup> ... 35 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 1.5 mm<sup>2</sup> ... 35 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> ... 16 mm<sup>2</sup>  
Stripping length 18 mm  
Torque 2.5 Nm ... 4.5 Nm ( $\leq 25 \text{ mm}^2 = 2.5 \text{ Nm}$ ;  $35 \text{ mm}^2 = 4.5 \text{ Nm}$ )  
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)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 25/ 5-15,00 GY BD:L1 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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