

## INDUSTRIAL COMPONENT DATA

# MKDSP 25/ 6-15,00-FGYNZ3544391 1706590 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 25/ 6-15,00-FGYNZ3544391



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSP 25/ 6-15,00-FGYNZ3544391 |
| Catalog number  | 1706590                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 10 Pcs                         |
| Document ID     | EO-8813A89CD5                  |
| 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 section: 35 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of poles per row: 6, family of articles: MKDSP 25/..-F, 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, Packing Type: Boxed Packed

Printed circuit board terminal, nominal current: 125 A, rated voltage (III/2): 1000 V, nominal cross section: 35 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of positions per row: 6, product range: MKDSP 25/..-F, pitch: 15 mm, connection method: Screw connection with tension sleeve, screw head form: Z2L Slotted Pozidriv, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray, Pin layout: Linear pinning, Solder pin [P]: 4.5 mm, number of solder pins per potential: 4, 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 MKDSP 25/..-F

Product line COMBICON Terminals XL

Type Standard

Number of positions 6

Pitch 15 mm  
Number of connections 6  
Number of rows 1  
Number of potentials 6  
Pin layout Linear pinning  
Solder pins per potential 4  
Data management status  
Article revision 07  
Electrical propertiesNominal current  $I_N$  125 A  
Nominal voltage  $U_N$  1000 V  
Rated voltage (III/3) 1000 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 Standard  
Nominal cross section 35 mm<sup>2</sup>  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor cross section rigid 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 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, 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> ... 16 mm<sup>2</sup>  
Stripping length 18 mm  
Drive form screw head Slotted Pozidriv (Z2L)  
Tightening torque 2...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 25/ 6-15,00-FGYNZ3544391 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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