

## INDUSTRIAL COMPONENT DATA

# MKDSO 2,5/ 4-R KMGY 2908472 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSO 2,5/ 4-R KMGY



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSO 2,5/ 4-R KMGY            |
| Catalog number  | 2908472                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 250 Pcs                        |
| Document ID     | EO-5006766FA6                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: MKDSO 2.5/..-R, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed. Item with right-hand side pin output

Printed circuit board terminal, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDSO 2,5/..-R, pitch: 5 mm, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Product with pin output on right side

## 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 > Housing (HS)

## Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family MKDSO 2,5/..-R

Product line COMBICON Terminals M

Type PCB termination block perpendicular to the PCB

Number of positions 4

Pitch 5 mm  
Number of connections 4  
Number of rows 1  
Number of potentials 4  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 11  
Electrical propertiesNominal current  $I_N$  24 A  
Nominal voltage  $U_N$  400 V  
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 400 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 630 V  
Rated surge voltage (II/2) 4 kV  
Connection dataConnection technology  
Nominal cross section 2.5 mm<sup>2</sup>  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section flexible 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG 26 ... 14  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.14 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.14 mm<sup>2</sup> ... 0.75 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> ... 1.5 mm<sup>2</sup>  
Stripping length 8 mm  
Tightening torque 0.5....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSO 2,5/ 4-R KMGY 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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