

**INDUSTRIAL COMPONENT DATA**

# MKDSO 2,5/ 3-L KMGY 2854102 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSO 2,5/ 3-L KMGY



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSO 2,5/ 3-L KMGY            |
| Catalog number  | 2854102                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 250 Pcs                        |
| Document ID     | EO-B73680E4E2                  |
| Generated       | 2026-08-04                     |

## 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: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDSO 2.5/.. -L, 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 packaging. Item with side pin output on the left

PCB terminal block, rated current: 24 A, dimensioning voltage (III/2): 400 V, nominal cross-section: 2.5 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, product series: MKDSO 2.5/.. -L, pitch: 5 mm, connection type: Screw connection with cage, mounting: Wave soldering, conductor/board connection direction: 0°, color: light gray, Pin layout: Linear pinning, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, Package type: packed in the carton. Item with left side pin output

**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; Housing (HS)

## Additional Product Information

Key Commercial Data

Orderkey 2854102

Packing unit 250 pc

Minimum order quantity 250 pc

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GTIN 4017918459000

Weight per Piece (excluding packing) 5.530 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ L ] 15.3 mm

Pitch 5 mm

Dimension a 10 mm

Height 18 mm

Solder pin [P] 3.5 mm

Hole diameter 1.4 mm

General

Range of articles MKDSO 2,5/..-L

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 24 A

Nominal cross section 2.5 mm<sup>2</sup>

Maximum load current 24 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A2

Stripping length 8 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.14 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSO 2,5/ 3-L 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

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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