

## INDUSTRIAL COMPONENT DATA

# MKDSN 2,5/ 6 BK 1702199 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/ 6 BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSN 2,5/ 6 BK                |
| Catalog number  | 1702199                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-18054A72F7                  |
| Generated       | 2026-08-03                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of poles per row: 6, article family: MKDSN 2.5, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

### Key Commercial Data

Orderkey 1702199

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356574990

Weight per Piece (excluding packing) 9.090 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles MKDSN 2,5

Pitch 5 mm

Number of positions 6

Connection method Screw connection with tension sleeve

Drive form screw head Philipps recess with slotted Torx (H1L)

Screw thread M3

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 6

Number of potentials 6

Electrical parameters

Rated current 24 A

Rated insulation voltage (III/2) 400 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section solid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section AWG / kcmil 24 ... 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 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>

2 conductors with same cross section, flexible 0.2 mm<sup>2</sup> ... 0.75 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> ... 1.5 mm<sup>2</sup>

Stripping length 6.5 mm

Torque 0.5 Nm ... 0.6 Nm

Material data - contact...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/ 6 BK 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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