

## INDUSTRIAL COMPONENT DATA

# MKDSN 2,5/ 4 HT BK R44 1050595 PHOENIX CONTACT

## Terminal for printed circuit board, pitch: 5 mm, number of po..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/ 4 HT BK R44



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSN 2,5/ 4 HT BK R44         |
| Catalog number  | 1050595                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 140 Pcs                        |
| Document ID     | EO-3DD6EFCC24                  |
| Generated       | 2026-08-06                     |

### Product Overview

Terminal for printed circuit board, pitch: 5 mm, number of poles: 4

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 4, article family: MKDSN 2.5/.. -HT, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal slot, mounting: Weld THR, connection direction conductor/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, Packing Type: 44mm Wide Strap

## 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 dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family MKDSN 2.5/.. -HT

Product Line COMBICON Terminals M

Number of poles 4

Step 5 mm

Number of rows 1

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 1

Data Maintenance Status

Article Review 01

Electrical PropertiesNominal Current IN 16 A

Nominal voltage UN 320 V

Sizing voltage (III/3) 200 V

Dimensioning transient voltage (III/3) 4 kV

Dimensioning voltage (III/2) 320 V

Dimensioning Transient Voltage (III/2) 4 kV

Nominal voltage (II/2) 320 V

Dimensioning transient voltage (II/2) 4 kV

Connection dataConnection technology

Construction Terminal block for card

Nominal Section 2.5 mm<sup>2</sup>

Connecting Conductors

Connection type Screw connection with traction capsule

Rigid conductor section 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Flexible conductor section 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

AWG Conductor Section 24 ... 14

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Flexible conductor section with toe cap, with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

2 conductors with the same cross-section, rigid 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>

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

2 conductors of equal cross-section, flexible with toe cap, 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 toe cap with plastic sleeve 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Peel Length 6.5 mm

Drive shape: screw head Philipps-Recess with longitudinal groove (H1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/ 4 HT BK R44 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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