

## INDUSTRIAL COMPONENT DATA

# MKDSA 3/ 4 (VPE500) 1712944 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSA 3/ 4 (VPE500)



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSA 3/ 4 (VPE500)            |
| Catalog number  | 1712944                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 500 Pcs                        |
| Document ID     | EO-44F25EEBA6                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 4, article family: MKDSA 3, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.1 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1712944

Packing unit 500 pc

Minimum order quantity 500 pc

GTIN 4017918228460

Weight per Piece (excluding packing) 7.810 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ L ] 11.2 mm

Pitch 5 mm

Dimension a 15 mm

Width [ w ] 20 mm

Height 18 mm

Height [ h ] 23.1 mm

Solder pin [P] 5.1 mm

Hole diameter 1.3 mm

#### General

Range of articles MKDSA 3

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  $I_N$  24 A

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

Maximum load current 28 A (with 4 mm<sup>2</sup> conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 8 mm

Number of positions 4

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

#### Connection data

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

Conductor cross section solid max. 4 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSA 3/ 4 (VPE500) 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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