

**INDUSTRIAL COMPONENT DATA**

# MKDSP 10N/ 8-10,16 1700846 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 10N/ 8-10,16



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSP 10N/ 8-10,16             |
| Catalog number  | 1700846                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-75F3062270                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal cross-section: 16 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: MKDSP 10N, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 2, packaging type: boxed. The item can be aligned with different numbers of poles!

**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 1700846

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356502580

Weight per Piece (excluding packing) 60.000 g

Custom tariff number 85369010

Country of origin PL (Poland)

**Dimensions**

Length [ l ] 18.4 mm

Pitch 10.16 mm

Dimension a 71.12 mm

Width [ w ] 81.28 mm

Height 29.3 mm

Height [ h ] 34.3 mm

Solder pin [P] 5 mm

Hole diameter 1.5 mm

**General**

Range of articles MKDSP 10N

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 690 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 76 A

Nominal cross section 10 mm<sup>2</sup>

Maximum load current 76 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage B6

Stripping length 10 mm

Number of positions 8

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

**Connection data**Conductor cross section solid min. 0.5 mm<sup>2</sup>Conductor cross section solid max. 16 mm<sup>2</sup>Conductor cross section flexible min. 0.5 mm<sup>2</sup>Conductor cross section flexible max. 16 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm<sup>2</sup>Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm<sup>2</sup>Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 10N/ 8-10,16 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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