

INDUSTRIAL COMPONENT DATA

MKDSP 10N/ 3-10,16 GY 1774166 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 10N/ 3-10,16 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 10N/ 3-10,16 GY
Catalog number	1774166
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-3804FC3A93
Generated	2026-09-29

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: 3, number of rows: 1, number of poles per row: 3, 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: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 2, packaging type: boxed packaging. 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 1774166

Packing unit 1

GTIN 4046356481618

Custom tariff number 85369010

Dimensions

Length [L] 18.4 mm

Pitch 10.16 mm

Dimension a 20.32 mm

Width [w] 30.48 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 I_N 76 A

Nominal cross section 10 mm²

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 3

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

Connection data

Conductor cross section solid min. 0.5 mm²

Conductor cross section solid max. 16 mm²

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 16 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 16 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

2 conductors with same cross section, solid mi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 10N/ 3-10,16 GY with the required quantity to info@electricaonline.com or use 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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