

INDUSTRIAL COMPONENT DATA

MKDSP 10N/ 5-10,16 GY BDNZ5008 1774315 PHOENIX CONTACT Terminal for printed circuit board, nominal current:

..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 10N/ 5-10,16 GY BDNZ5008



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 10N/ 5-10,16 GY BDNZ5008
Catalog number	1774315
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-76CB8C7F35
Generated	2026-08-04

Product Overview

Terminal for printed circuit board, nominal current: 76 A, rated voltage: 1000 V, pitch: 10,16 mm, number of poles: 5, type of connection: Connection by screw with capsule-traction, assembly: Soldering by wave direction for connection conductor/pcb: 0 °, color: grey

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal cross-section: 16 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, 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

Printed circuit board terminal, nominal current: 76 A, rated voltage (III/2): 1000 V, nominal cross section: 16 mm², number of potentials: 5, number of rows: 1, number of positions per row: 5, product range: MKDSP 10N, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

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 dataProduct propertiesProduct type Printed circuit board terminal

Product family MKDSP 10N

Product line COMBICON Terminals L

Type PC terminal block can be aligned

Number of positions 5

Pitch 10.16 mm

Number of connections 5

Number of rows 1

Number of potentials 5

Pin layout Linear pinning

Solder pins per potential 2

Data management status

Article revision 01

Electrical propertiesNominal current IN 76 A

Nominal voltage UN 1000 V

Rated voltage (III/3) 690 V

Rated surge voltage (III/3) 8 kV

Rated voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Rated voltage (II/2) 1000 V

Rated surge voltage (II/2) 6 kV

Connection dataConnection technology

Type PC terminal block can be aligned

Nominal cross section 16 mm²

Conductor connection

Connection method Screw connection with tension sleeve

Conductor cross section rigid 0.5 mm² ... 16 mm²

Conductor cross section flexible 0.5 mm² ... 16 mm²

Conductor cross section AWG 20 ... 6

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 16 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 16 mm²

2 conductors with same cross section, solid 0.5 mm² ... 4 mm²

2 conductors with same cross section, flexible 0.5 mm² ... 4 mm²

2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² ... 2.5 mm²

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 6 mm²

Stripping length 10 mm

Drive form screw....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 10N/ 5-10,16 GY BDNZ5008 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.