

INDUSTRIAL COMPONENT DATA

MKDSP 10N/ 5-10,16 GY BDNZ02649 1774302 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 10N/ 5-10,16 GY BDNZ02649



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 10N/ 5-10,16 GY BDNZ02649
Catalog number	1774302
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-E29DFA26BD
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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: 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

PCB terminal block, nominal current: 76 A, rated voltage (III/2): 1000 V, nominal cross section: 10 mm², pitch: 10.16 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: gray, Pin layout: Linear double pinning, Solder pin [P]: 5 mm

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)
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Additional Product Information

Key Commercial Data

Orderkey 1774302

Packing unit 1

GTIN 4046356481755

Custom tariff number 85369010

Drawings

Electrical parameters

Material data - contact
Dimensions for the product
Packaging information
Termination and connection method
Electrical tests
Temperature-rise test
Resistance to ageing, humidity and penetration of solids
Environmental Product Compliance
Item properties
Connection capacity
Material data - housing
Dimensions for PCB design
Ambient conditions
Pull-out test
Air clearances and creepage distances
Vibration test
Standards and Regulations
Classifications
Drawings
Diagram
Type: MKDSP 10N/...-10,16
Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5
[Back to top](#)Item properties
Brief article description PCB terminal block
Range of articles MKDSP 10N
Pitch 10.16 mm
Number of positions 5
Connection method Screw connection with tension sleeve
Drive form screw head Slotted (L)
Screw thread M4
Mounting type Wave soldering
Pin layout Linear double pinning
Number of levels 1
Number of connections 5
Number of potentials 5
[Back to top](#)Electrical parameters
Nominal current 76 A
Nom. voltage 1000 V
Rated voltage 690 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
[Back to top](#)Connection capacity

Connection method Screw connection with tension sleeve

pluggable Yes

Conductor cross section solid 0.5 mm² ... 16 mm²

Conductor cros...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 10N/ 5-10,16 GY BDNZ02649 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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