

INDUSTRIAL COMPONENT DATA

MKDS 10 HV/10-ZB-10,16 BK 1745043 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/10-ZB-10,16 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 10 HV/10-ZB-10,16 BK
Catalog number	1745043
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-16035F7147
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 76 A, rated voltage (III/2): 1000 V, nominal cross-section: 16 mm², number of potentials: 10, number of rows: 1, number of poles per row: 10, article family: MKDS 10 HV, pitch: 10.16 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Connection direction conductor/printed circuit board: 0 °, color: black, Pin arrangement: Zigzag Pins W, Pin length [P]: 5 mm, number of solder 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: 10, number of rows: 1, number of positions per row: 10, product range: MKDS 10 HV, 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: black, Pin layout: Zigzag pinning W, 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 MKDS 10 HV

Product line COMBICON Terminals L

Type PC terminal block can be aligned

Number of positions 10

Pitch 10.16 mm
Number of connections 10
Number of rows 1
Number of potentials 10
Pin layout Zigzag pinning W
Solder pins per potential 2
Data management status
Article revision 02
Electrical propertiesNominal current I_N 76 A
Nominal voltage U_N 1000 V
Rated voltage (III/3) 800 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) 8 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 ... 6 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 6 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² ... 4 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 sc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/10-ZB-10,16 BK 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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