

INDUSTRIAL COMPONENT DATA

MKDSN 2,5/ 4-5,08 HT BK 1826185 PHOENIX CONTACT PCB terminal block, nominal current: 16 A, nom. voltage: 320..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/ 4-5,08 HT BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSN 2,5/ 4-5,08 HT BK
Catalog number	1826185
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-8C97AC5C50
Generated	2026-08-02

Product Overview

PCB terminal block, nominal current: 16 A, nom. voltage: 320 V, pitch: 5.08 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black

Terminal block for printed circuit board, nominal current: 16 A, nominal voltage (III/2): 320 V, nominal section: 2.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, family of articles: MKDSN 2.5/..-HT, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, mounting: Weld THR, connection direction conductor/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, Packing Type: Boxed Packed

Printed circuit board terminal, nominal current: 16 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDSN 2,5/..-HT, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: THR soldering / wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, 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 MKDSN 2,5/..-HT
Product line COMBICON Terminals M
Type PC termination block

Number of positions 4
Pitch 5.08 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Pin layout Linear pinning
Solder pins per potential 1
Data management status
Article revision 00
Electrical propertiesNominal current IN 16 A
Nominal voltage UN 320 V
Rated voltage (III/3) 200 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type PC termination block
Nominal cross section 2.5 mm²
Conductor connection
Connection method Screw connection with tension sleeve
Conductor cross section rigid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with same cross section, solid 0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²
Stripping length 6.5 mm
Drive form screw hea...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/ 4-5,08 HT 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

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.