

INDUSTRIAL COMPONENT DATA

MKDSN 2,5/ 2 HT BK VPE500 1704658 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/ 2 HT BK VPE500



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSN 2,5/ 2 HT BK VPE500
Catalog number	1704658
Category	Printed circuit board terminal
Minimum order	500 Pcs
Document ID	EO-2F112731BE
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, rated current: 16 A, rated voltage: 320 V, pitch: 5 mm, number of poles: 2, connection type: Screw connection with traction capsule, mounting: Solder THR, connection direction driver/printed circuit board: 0 °, color: black

Terminal block for printed circuit board, nominal current: 16 A, dimensioning voltage (III/2): 320 V, nominal section: 2.5 mm², Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, family of articles: MKDSN 2.5/.. -HT, pitch: 5mm, connection type: Screw connection with traction capsule, mounting: Weld THR, connection direction conductor/printed circuit board: 0°, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, packaging type: boxed

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

PCB terminal block, nominal current: 16 A, nom. voltage: 320 V, pitch: 5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black
Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsExtremely small design for the respective conductor cross sectionDesigned for integration into the SMT soldering processIntegrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeveThe latching on the side enables various numbers of positions to be combinedKey Commercial Data

Orderkey 1704658

Packing unit 1

GTIN 4046356731591

Custom tariff number 85369010

General

Range of articles MKDSN 2,5/...-HT

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 200 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 16 A

Nominal cross section 2.5 mm²

Solder pin surface Sn

Internal cylindrical gage A3

Stripping length 6.5 mm

Number of positions 2

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.2 mm²

2 conductors with same cross section, solid max. 0.75 mm²

2 conductors w...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/ 2 HT BK VPE500 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.