

INDUSTRIAL COMPONENT DATA

MKDS 3/ 3 HT BK VPE500 1104905 PHOENIX CONTACT

Terminal for printed circuit board, nominal current: 24 A, pi..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 3/ 3 HT BK VPE500



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 3/ 3 HT BK VPE500
Catalog number	1104905
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-BF3A5C4FBC
Generated	2026-08-03

Product Overview

Terminal for printed circuit board, nominal current: 24 A, pitch: 5 mm, number of poles: 3, type of connection: Connection by screw with capsule-traction, assembly: Soldering THR, direction for connection conductor/pcb: 0 °, color: black

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 320 V, nominal section: 2.5 mm², number of rows: 1, number of poles per row: 3, article family: MKDS 3/.. -HT, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, mounting: Weld THR, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of solder pins per potential: 1, Packing Type: Boxed Packed

PCB terminal block, rated current: 24 A, sizing voltage (III/2): 320 V, nominal cross-section: 2.5 mm², number of rows: 1, number of poles per row: 3, product series: MKDS 3/.. -HT, pitch: 5 mm, connection type: Screw connection with cage, screw attachment form: L Longitudinal slot, mounting: TTHR / wave soldering, conductor/board connection direction: 0°, color: black, Pin layout: Linear pinning, Pin length [P]: 5 mm, number of solder pins per potential: 1, Package type: packed in carton

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 dataArticle featuresProduct Type PCB terminal block

Product Family MKDS 3/.. -HT

Product Line COMBICON Terminals M

Number of poles 3

Step 5 mm
Number of rows 1
Pin Layout Linear Pinning
Number of Welding Pins per Potential 1
Data maintenance status
Article review 00
Electrical characteristics Rated Current IN 24 A
Rated voltage UN 320 V
Sizing voltage (III/3) 200 V
Sizing impulse voltage (III/3) 4 kV
Sizing voltage (III/2) 320 V
Sizing Impulse Voltage (III/2) 4 kV
Sizing voltage (II/2) 320 V
Sizing Impulse Voltage (II/2) 4 kV
Connection data Connection technology
type Block of terminal blocks for printed circuit boards
Nominal cross-section 2.5 mm²
Conductor connection
Link Screw connection with cage
Rigid conductor cross-section 0.2 mm² ... 4 mm²
Flexible conductor cross-section 0.2 mm² ... 2.5 mm²
Conductor cross-section AWG 24 ... 12
Flexible conductor cross-section with cable lug without plastic collar 0.25 mm² ... 2.5 mm²
Flexible conductor cross-section with mounted lug and plastic collar 0.25 mm² ... 1.5 mm²
2 conductors of identical cross-section, rigid 0.2 mm² ... 1.5 mm²
2 conductors of identical flexible cross-section 0.2 mm² ... 1.5 mm²
2 conductors of the same flexible cross-section with ferrule without plastic collar 0.25 mm² ... 0.75 mm²
2 conductors of identical cross-section flexible with TWIN ferrule with plastic collar 0.5 mm² ... 1.5 mm²
Length of the section to be stripped 8 mm
Appliance type screw head Longitudinal slit (L)
Tightening torque 0.5...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 3/ 3 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.