

INDUSTRIAL COMPONENT DATA

MKDS 5 HV/ 2-9,52-Z Z1L 1710750 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5 HV/ 2-9,52-Z Z1L



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5 HV/ 2-9,52-Z Z1L
Catalog number	1710750
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-5848FFC29F
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, dimensioning voltage (III/2): 1000 V, nominal section: 4 mm², Number of potentials: 2, Number of rows: 1, Number of poles per row: 2, family of articles: MKDS 5 HV, pitch: 9.52mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.2 mm, packaging type: boxed packaging. The item can be aligned with different numbers of poles! If only 2 poles are used, the MKDSV 5 HV variant with rotation protection spigot is recommended.

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

Key Commercial Data

Orderkey 1710750

Packing unit 1

GTIN 4055626172804

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 5 HV

Pitch 9.52 mm

Number of positions 2
Connection method Screw connection with tension sleeve
Drive form screw head Slotted Pozidriv (Z1L)
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
Number of connections 2
Number of potentials 2
Electrical parameters
Rated current 32 A
Rated insulation voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Connection capacity
Conductor cross section solid 0.2 mm² ... 6 mm²
Conductor cross section flexible 0.2 mm² ... 4 mm²
Conductor cross section AWG / kcmil 24 ... 10
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 4 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 4 mm²
2 conductors with same cross section, solid 0.2 mm² ... 1.5 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.75 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 2.5 mm²
Stripping length 8 mm
Torque 0.5 Nm ... 0.6 Nm
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)
Metal surface....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5 HV/ 2-9,52-Z Z1L 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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