

INDUSTRIAL COMPONENT DATA

MKDS 5 HV/ 4-9,52-Z GY 1703602 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5 HV/ 4-9,52-Z GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5 HV/ 4-9,52-Z GY
Catalog number	1703602
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-5B5CD19184
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Product Overview

PCB terminal block

Terminal for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 1000 V, nominal section: 4 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: MKDS 5 HV, pitch: 9.52 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: gray, Pin arrangement: Zigzag Pins M, Pin length [P]: 5.2mm, Number of solder pins per potential: 1, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1703602

Packing unit 1

GTIN 4046356658553

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 4

Connection method Screw connection with tension sleeve

Screw thread M3
Mounting type Wave soldering
Pin layout Zigzag pinning M
Number of levels 1
Number of connections 4
Number of potentials 4
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 soldering area (top layer)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5 HV/ 4-9,52-Z GY 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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