

INDUSTRIAL COMPONENT DATA

MKDS 5 HV/ 3-9,52 1904150 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5 HV/ 3-9,52



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5 HV/ 3-9,52
Catalog number	1904150
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-3881E23FF1
Generated	2026-07-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 1000 V, nominal section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, 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: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.2 mm, number of solder pins per potential: 1, packaging type: boxed. The item can be aligned with different numbers of poles!

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 1904150

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 445 (C-1-2013)

GTIN 4017918187613

Weight per Piece (excluding packing) 9.750 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 16 mm

Pitch 9.52 mm

Dimension a 19.04 mm

Width [w] 28.56 mm

Height 21.5 mm

Height [h] 26.7 mm

Solder pin [P] 5.2 mm

Hole diameter 1.3 mm

General

Range of articles MKDS 5 HV

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 800 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I_N 32 A

Nominal cross section 4 mm²

Maximum load current 32 A

Insulating material PA

Contact material Sn

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A4

Stripping length 8 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 6 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 4 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 4 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5 HV/ 3-9,52 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.