

INDUSTRIAL COMPONENT DATA

MKDS 10 HV/ 5-ZF-10,16 PA1245 1710387 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/ 5-ZF-10,16 PA1245



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 10 HV/ 5-ZF-10,16 PA1245
Catalog number	1710387
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-AF7150EB21
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of potentials: 4, number of rows: 1, number of poles per row: 5, family of articles: MKDS 10 HV, pitch: 10.16 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: Green, Pin arrangement: Zigzag Pins W, Pin length [P]: 5mm, Number of solder pins per potential: 2, 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

Key Commercial Data

Orderkey 1710387

Packing unit 1

GTIN 4055626287461

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 10 HV

Pitch 10.16 mm

Number of positions 5

Connection method Screw connection with tension sleeve

Screw thread M4

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

Number of connections 5

Number of potentials 5

Electrical parameters

Rated current 76 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.5 mm² ... 16 mm²

Conductor cross section flexible 0.5 mm² ... 16 mm²

Conductor cross section AWG / kcmil 20 ... 6

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 16 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 16 mm²

2 conductors with same cross section, solid 0.5 mm² ... 6 mm²

2 conductors with same cross section, flexible 0.5 mm² ... 6 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.5 mm² ... 4 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 6 mm²

Stripping length 10 mm

Torque 1.2 Nm ... 1.5 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surfac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/ 5-ZF-10,16 PA1245 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.