

INDUSTRIAL COMPONENT DATA

MKDS 10 HV/12-ZB-10,16 1709788 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/12-ZB-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 10 HV/12-ZB-10,16
Catalog number	1709788
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-93A10D1B18
Generated	2026-08-02

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: 12, number of rows: 1, number of poles per row: 12, article family: MKDS 10 HV, pitch: 10.16 mm, connection type: 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 1709788

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 453 (C-1-2013)

GTIN 4046356074308

Weight per Piece (excluding packing) 97.360 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [l] 18.7 mm

Pitch 10.16 mm

Dimension a 111.76 mm

Width [w] 121.92 mm

Height 30.8 mm

Height [h] 35.8 mm

Solder pin [P] 5 mm

Hole diameter 1.5 mm

General

Range of articles MKDS 10 HV

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 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 IN 76 A

Nominal cross section 10 mm²Maximum load current 76 A (with 16 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage B6

Stripping length 10 mm

Number of positions 12

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

Connection dataConductor cross section solid min. 0.5 mm²Conductor cross section solid max. 16 mm²Conductor cross section flexible min. 0.5 mm²Conductor cross section flexible max. 16 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm²

Conductor cross section flexible, with ferrule with plast...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/12-ZB-10,16 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.