

INDUSTRIAL COMPONENT DATA

MKDS 10 HV/ 3-ZF-10,16 1782909 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/ 3-ZF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 10 HV/ 3-ZF-10,16
Catalog number	1782909
Category	Printed circuit board terminal
Minimum order	50 Pcs
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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: 3, number of rows: 1, number of poles per row: 3, 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: M zigzag pins, Pin length [P]: 5 mm, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1782909

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356554855

Weight per Piece (excluding packing) 24.560 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [l] 18.7 mm

Pitch 10.16 mm

Dimension a 20.32 mm

Width [w] 30.48 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

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 I_N 76 A

Nominal cross section 10 mm²

Solder pin surface

Internal cylindrical gage B6

Stripping length 10 mm

Number of positions 3

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

Connection data

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

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

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

2 conductors with same cross section, stranded min. 0.5 mm²

2 conductors with same cross section, stranded max. 6 mm²

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

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

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

2 conduc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/ 3-ZF-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

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