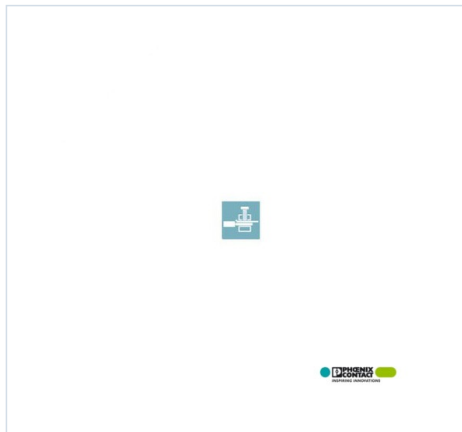


INDUSTRIAL COMPONENT DATA

MKDS 10 HV/ 1-F-10,16 BN 1705211 PHOENIX CONTACT

Terminal for printed circuit board, nominal current: 76 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 10 HV/ 1-F-10,16 BN



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 10 HV/ 1-F-10,16 BN
Catalog number	1705211
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-B1E34DE02F
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, nominal current: 76 A, nominal voltage: 1000 V, pitch: 10.16 mm, number of poles: 1, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: brown

Terminal for printed circuit board, nominal voltage (III/2): 400 V, number of potentials: 1, number of poles per row: 1, article family: MKDS 10 HV, pitch: 10.16 mm, screw clamping shape: L Longitudinal slot, color: brown, Pin arrangement: Linear rear pin arrangement, Pin length [P]: 5 mm, Number of Welding Pins per Potential: 2, Packaging Type: Boxed Packaging

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

PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 10.16 mm, number of positions: 1, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: brown

Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsUnrestricted 600-V-UL approval thanks to compact zig-zag pinningIntegrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeveKey Commercial Data

Orderkey 1705211

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356760256

Weight per Piece (excluding packing) 8.580 g

Custom tariff number 85369010

Country of origin CN (China)

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 IN 76 A

Nominal cross section 10 mm²

Solder pin surface Sn

Internal cylindrical gage B6

Stripping length 10 mm

Number of positions 1

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 cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 10 HV/ 1-F-10,16 BN 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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