

INDUSTRIAL COMPONENT DATA

MKDS 1,5/ 3 HT BK 1985894 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1,5/ 3 HT BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1,5/ 3 HT BK
Catalog number	1985894
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-278201B39A
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 320 V, nominal section: 1.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDS 1.5/.. -HT, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping shape: L Longitudinal slot, mounting: Weld THR, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, Packing type: Boxed packed. This item can be soldered together with SMD components in reflow soldering ovens.

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 1985894

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 75 (C-1-2013)

GTIN 4017918929299

Weight per Piece (excluding packing) 5.030 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 9.8 mm

Pitch 5 mm

Dimension a 10 mm

Width [w] 15 mm

Height 13.8 mm

Height [h] 17.3 mm

Solder pin [P] 3.5 mm

Pin spacing 5 mm

Hole diameter 1.3 mm

General

Range of articles MKDS 1,5/...-HT

Insulating material group IIIa

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 200 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 17.5 ANominal cross section 1.5 mm²Maximum load current 24 A (with a 2.5 mm² conductor cross section)

Insulating material PA

Contact material Cu alloy

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection dataConductor cross section solid min. 0.14 mm²Conductor cross section solid max. 2.5 mm²Conductor cross section flexible min. 0.14 mm²Conductor cross section flexible max. 1.5 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

Conductor cross section flexible, with ferrule...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1,5/ 3 HT BK 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.