

INDUSTRIAL COMPONENT DATA

MKDSN 2,5/17-HT-5,08 BK 1701164 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/17-HT-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSN 2,5/17-HT-5,08 BK
Catalog number	1701164
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-0299D781ED
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 16 A, dimensioning voltage (III/2): 320 V, nominal section: 2.5 mm², Number of potentials: 17, Number of rows: 1, Number of poles per row: 17, article family: MKDSN 2.5/.. -HT, pitch: 5.08 mm, connection type: Screw connection with traction capsule, mounting: Weld THR, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]:3.5 mm, 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 1701164

Packing unit 1

GTIN 4046356518000

Custom tariff number 85366990

Dimensions

Length [l] 9.5 mm

Pitch 5.08 mm

Dimension a 81.28 mm

Width [w] 86.36 mm

Height 15 mm

Height [h] 15 mm

Solder pin [P] 3.5 mm

Pin spacing 5.08 mm

Hole diameter 1.3 mm

General

Range of articles MKDSN 2,5/...-HT

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) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 16 A

Nominal cross section 2.5 mm²

Solder pin surface

Internal cylindrical gage A3

Stripping length 6.5 mm

Number of positions 17

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.2 mm²

2 conductors with same cross section, solid max. 0.75 mm²

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 0.75 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.75 mm²

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

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²

Standards and Regulatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/17-HT-5,08 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

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