

INDUSTRIAL COMPONENT DATA

MK3DS 1/12-3,81 1727832 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MK3DS 1/12-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MK3DS 1/12-3,81
Catalog number	1727832
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-BD912D24DA
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 8 A, nominal voltage (III/2): 160 V, nominal cross-section: 1 mm², number of potentials: 36, number of rows: 3, number of poles per row: 12, article family: MK3DS 1, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, 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 1727832

Packing unit 50 pc

Catalog page Page 87 (C-1-2013)

GTIN 4017918116453

Weight per Piece (excluding packing) 24.970 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [L] 25 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Width [w] 47.62 mm

Height 23.9 mm

Height [h] 27.4 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles MK3DS 1

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Nominal cross section 1 mm²

Maximum load current 10 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 5 mm

Number of positions 12

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AW...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MK3DS 1/12-3,81 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.