

INDUSTRIAL COMPONENT DATA

MKKDS 1/12-3,81 1708136 PHOENIX CONTACT PCB terminal block, Nominal current: 8 A, Nom. voltage: 200 V, Pitch..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKKDS 1/12-3,81
Catalog number	1708136
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-AE3F585EC8
Generated	2026-08-03

Product Overview

PCB terminal block, Nominal current: 8 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 12, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

Terminal block for printed circuit board, nominal current: 8 A, nominal voltage (III/2): 200 V, nominal cross-section: 1 mm², number of potentials: 24, number of rows: 2, number of poles per row: 12, article family: MKKDS 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

Dimensions

Length 16.3 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Constructional height 17 mm

Height 16.2 mm

Length of the solder pin 3.5 mm

Pin dimensions 0,5 x 0,9 mm

Hole diameter 1.1 mm

General

Range of articles MKKDS 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) 200 V

Rated voltage (II/2) 400 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 Sn

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 AWG min. 26

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.14 mm²

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

2 conductors with same cross s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKKDS 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.