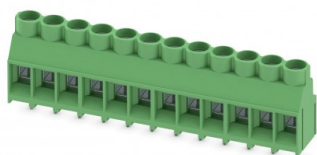


INDUSTRIAL COMPONENT DATA

MKDS 5/12-6,35 1713846 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5/12-6,35



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5/12-6,35
Catalog number	1713846
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-533F2EF79F
Generated	2026-08-02

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal cross-section: 4 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, article family: MKDS 5, pitch: 6.35 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]: 5.1 mm, number of solder pins per potential: 1, packaging type: boxed

PCB terminal block, rated current: 32 A, dimensioning voltage (III/2): 630 V, nominal cross-section: 4 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, product series: MKDS 5, pitch: 6.35 mm, connection type: screw connection with cage, screw connection form: L longitudinal slot, Mounting: Wave soldering, conductor/board connection direction: 0°, Color: Green, Pin Layout: Linear pinning, Pin length [P]: 5.1 mm, Number of soldering pins per potential: 1, Package type: packed in carton

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 1713846

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918228569

Weight per Piece (excluding packing) 32.100 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 12.5 mm

Pitch 6.35 mm

Dimension a 69.85 mm

Width [w] 76.2 mm

Height 21.5 mm

Height [h] 26.6 mm

Solder pin [P] 5.1 mm

Hole diameter 1.3 mm

General

Range of articles MKDS 5

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 500 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I_N 32 A

Nominal cross section 4 mm²

Maximum load current 32 A

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A4

Stripping length 8 mm

Number of positions 12

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. 10

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

2 conductors with same cross section, solid max. 1.5 mm²

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

2 conductors with same cross section, stranded max. 1.5 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 sec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5/12-6,35 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.