

INDUSTRIAL COMPONENT DATA

GMKDS 1,5/ 5 1736861 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: GMKDS 1,5/ 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	GMKDS 1,5/ 5
Catalog number	1736861
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-6E8BF66338
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 630 V, nominal cross-section: 1.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: GMKDS 1.5, pitch: 7.5 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 1736861

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356182706

Weight per Piece (excluding packing) 7.660 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 9.8 mm

Pitch 7.5 mm

Dimension a 30 mm

Width [w] 37.5 mm

Height 13.8 mm

Height [h] 17.3 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles GMKDS 1,5

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 17.5 A

Nominal cross section 1.5 mm²

Solder pin surface

Internal cylindrical gage A1

Stripping length 6.5 mm

Number of positions 5

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

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. 1 mm²

2 conductors with same cross section, stranded min. 0.14 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. 0.5 mm²

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

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GMKDS 1,5/ 5 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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