

INDUSTRIAL COMPONENT DATA

GKDS-EX 1709203 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: GKDS-EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	GKDS-EX
Catalog number	1709203
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-0823085875
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 20 A, nominal voltage (III/2): 630 V, nominal cross-section: 2.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, article family: GKDS-EX, 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: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of soldering pins per potential: 2, packaging type: boxed packaging. The item can be aligned with different numbers of poles! Each terminal block group has to be equipped with a GRZ 2.5V-EX (1706112) flange plate on both sides. For alignments of more than 10 terminals, an additional flange plate must be fitted for each additional group of 10 terminals. In the case of using a GRZ 2.5-EX pitch augmentation part (1724628), the max. working voltage increases to 420 V.

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 1709203

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 106 (CC-2007)

GTIN 4017918023638

Weight per Piece (excluding packing) 4.320 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 19 mm

Pitch 7.5 mm

Width [w] 7.5 mm

Height 20 mm

Height [h] 19.5 mm

Solder pin [P] 5 mm

Hole diameter 1.4 mm

General

Range of articles GKDS-EX

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) 275 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 20 A

Nominal cross section 2.5 mm²

Maximum load current 26 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V2

Internal cylindrical gage A3

Stripping length 9 mm

Number of positions 1

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

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

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GKDS-EX 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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