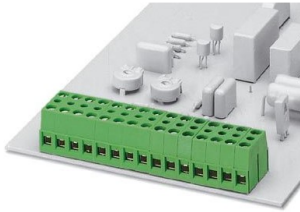


INDUSTRIAL COMPONENT DATA

KDSP 1,5/ 2 1780905 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: KDSP 1,5/ 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	KDSP 1,5/ 2
Catalog number	1780905
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-CA8375DC67
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 17.5 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: KDSP 1.5, pitch: 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]: 3.7 mm, number of solder pins per potential: 2, packaging type: boxed. The item can be aligned with different numbers of poles!

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 1780905

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918040949

Weight per Piece (excluding packing) 6.090 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [L] 18.8 mm

Pitch 5 mm

Dimension a 5 mm

Width [w] 10 mm

Height 13.8 mm

Height [h] 17.5 mm

Solder pin [P] 3.7 mm

Hole diameter 1.3 mm

General

Range of articles KDSP 1,5

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 320 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 17.5 A

Nominal cross section 1.5 mm²

Maximum load current 17.5 A (with 1.5 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V2

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 2

Screw thread M3

Tightening torque, min 0.6 Nm

Tightening torque max 0.8 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. 1.5 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

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

Conductor cross section flexible, with ferr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / KDSP 1,5/ 2 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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