

INDUSTRIAL COMPONENT DATA

MKDSO 1,5/ 5-R-3,5 KMGY 2278416 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSO 1,5/ 5-R-3,5 KMGY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSO 1,5/ 5-R-3,5 KMGY
Catalog number	2278416
Category	Printed circuit board terminal
Minimum order	1 Pcs
Document ID	EO-DC6D22530E
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 8 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, family of articles: MKDSO 1.5/.. -R, pitch: 3.5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.3 mm, number of solder pins per potential: 1, packaging type: boxed. Item with right-hand side pin output

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 > Housing (HS)

Additional Product Information

Key Commercial Data

Orderkey 2278416

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 89 (C-1-2013)

GTIN 4046356293020

Weight per Piece (excluding packing) 2.540 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Pitch 3.5 mm

Dimension a 14 mm

Solder pin [P] 3 mm

Pin spacing 3.5 mm

Hole diameter 1.2 mm

General

Range of articles MKDSO 1,5/..-R

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) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Maximum load current 8 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Number of positions 5

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. 1.5 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 ferrule with plastic sleeve max. 0.5 mm²

Conductor cross se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSO 1,5/ 5-R-3,5 KMGY 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.