

INDUSTRIAL COMPONENT DATA

MKDSO 1,5/ 5-R-3,5 RD 1148839 PHOENIX CONTACT PCB terminal, rated current: 8 A, rated voltage (III/2): 160 V..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSO 1,5/ 5-R-3,5 RD
Catalog number	1148839
Category	Printed circuit board terminal
Minimum order	500 Pcs
Document ID	EO-A67F753CA2
Generated	2026-09-28

Product Overview

PCB terminal, rated current: 8 A, rated voltage (III/2): 160 V, rated cross-section: 1.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: MKDSO 1.5/.. -R, pitch: 3.5mm, connection type: Screw connection with pull capsule, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: red, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.3mm, number of solder pins per potential: 1, packing type: boxed packaging. Item with right-hand side pin outlet

PCB terminal block, rated current: 8 A, dimensioning voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, product series: MKDSO 1.5/.. -R, pitch: 3.5mm, connection type: Screw connection with cage, mounting: Wave soldering, conductor/board connection direction: 0°, color: red, Pin layout: Linear pinning, Pin length [P]: 2.3mm, number of solder pins per potential: 1, Package type: packed in the carton. Item with right 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

Technical dataArticle featurestype PCB terminal block vertical to c.s.

Product Type PCB terminal block

Product Family MKDSO 1.5/.. -R

No. of poles 5

Step 3.5 mm

Number of connections 5

Number of rows 1
Number of potentials 5
Pin Layout Linear Pinning
Number of Welding Pins per Potential 1
Electrical characteristics Rated Current IN 8 A
Rated voltage UN 160 V
Degree of pollution 3
Sizing voltage (III/3) 160 V
Sizing impulse voltage (III/3) 2.5 kV
Sizing voltage (III/2) 160 V
Sizing Impulse Voltage (III/2) 2.5 kV
Sizing voltage (II/2) 320 V
Sizing Impulse Voltage (II/2) 2.5 kV
Connection data Connection technology
Nominal cross-section 1.5 mm²
Conductor connection
Link Screw connection with cage
Rigid conductor cross-section 0.14 mm² ... 1.5 mm²
Flexible conductor cross-section 0.14 mm² ... 1.5 mm²
Conductor cross-section AWG 28 ... 16
Flexible conductor cross-section with cable lug without plastic collar 0.25 mm² ... 1.5 mm²
Flexible conductor cross-section with mounted lug and plastic collar 0.25 mm² ... 0.5 mm²
2 conductors of identical cross-section, rigid 0.08 mm² ... 0.5 mm²
2 conductors of identical flexible cross-section 0.08 mm² ... 0.75 mm²
2 conductors of the same flexible cross-section with ferrule without plastic collar 0.25 mm² ... 0.34 mm²
2 conductors of identical cross-section flexible with TWIN ferrule with plastic collar 0.5 mm² ... 0.5 mm²
Buffer Gauge a x b / diameter 2.4 mm x 1.5 mm / -
Length of the section to be stripped 7 mm
Tightening torque 0.22 Nm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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