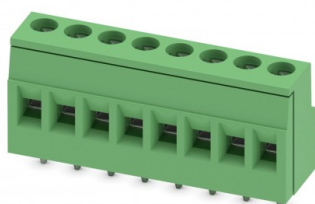


INDUSTRIAL COMPONENT DATA

MKDS 2,5/ 8-5,08 1730450 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 2,5/ 8-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 2,5/ 8-5,08
Catalog number	1730450
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-62E9353EE7
Generated	2026-09-28

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: MKDS 2.5, pitch: 5.08 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: 1, packaging type: boxed

PCB terminal block, rated current: 24 A, dimensioning voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, product series: MKDS 2.5, pitch: 5.08 mm, connection type: Screw connection with cage, screw connection form: L Longitudinal slot, Mounting: Wave soldering, conductor/board connection direction: 0°, Color: Green, Pin Layout: Linear pinning, Pin length [P]: 3.7 mm, Number of soldering pins per potential: 1, Package type: packed in carton

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 1730450

Packing unit 50 pc

GTIN 4017918026349

Weight per Piece (excluding packing) 16.840 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 11.62 mm

Pitch 5.08 mm

Dimension a 35.56 mm

Width [w] 41.82 mm

Height 18 mm

Height [h] 21.7 mm

Solder pin [P] 3.7 mm

Hole diameter 1.4 mm

General

Range of articles MKDS 2,5

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) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 24 A

Nominal cross section 2.5 mm²

Maximum load current 24 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 8 mm

Number of positions 8

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.14 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. 1.5 mm²

Conductor cross section AWG min....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 2,5/ 8-5,08 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.