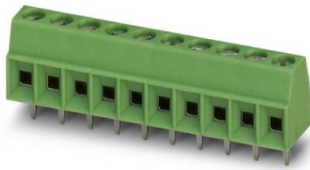


INDUSTRIAL COMPONENT DATA

MKDS 1/ 8-3,5 BD:8-1 SO 1745315 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 1/ 8-3,5 BD:8-1 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 1/ 8-3,5 BD:8-1 SO
Catalog number	1745315
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-352131814A
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 13.5 A, nominal voltage (III/2): 200 V, nominal cross-section: 1.5 mm², number of potentials: 8, number of rows: 1, number of poles per row: 8, article family: MKDS 1, pitch: 3.5 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]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

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 1745315

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356310147

Weight per Piece (excluding packing) 3.720 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles MKDS 1

Pitch 3.5 mm

Number of positions 8

Connection method Screw connection with tension sleeve

Drive form screw head Slotted (L)

Screw thread M2

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 8

Number of potentials 8

Electrical parameters

Rated current 13.5 A

Rated insulation voltage (III/2) 200 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 1.5 mm²

Conductor cross section flexible 0.14 mm² ... 1.5 mm²

Conductor cross section AWG / kcmil 26 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.5 mm²

2 conductors with same cross section, solid 0.14 mm² ... 0.5 mm²

2 conductors with same cross section, flexible 0.14 mm² ... 0.34 mm²

Stripping length 5 mm

Torque 0.22 Nm ... 0.25 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)

Metal surface terminal point (middle layer) Nickel (2 - 3 µm Ni)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 1/ 8-3,5 BD:8-1 SO 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.