

INDUSTRIAL COMPONENT DATA

MKDS 5/ 4-6,35 BK Z1L TS 1102720 PHOENIX CONTACT PCB terminal block, nominal current: 32 A, rated voltage (I..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5/ 4-6,35 BK Z1L TS



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5/ 4-6,35 BK Z1L TS
Catalog number	1102720
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-FCC79DB89E
Generated	2026-09-29

Product Overview

PCB terminal block, nominal current: 32 A, rated voltage (III/2): 630 V, nominal cross section: 4 mm², pitch: 6.35 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5.1 mm

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal section: 4 mm², number of rows: 1, number of poles per row: 4, article family: MKDS 5, pitch: 6.35 mm, connection type: Screw connection with traction capsule, screw clamping form: Z1L Pozidriv with longitudinal slot, Mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5.1 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)
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Additional Product Information

Key Commercial Data
Orderkey 1102720
Packing unit 1
GTIN 4055626965116
Custom tariff number 85369010
Drawings
Electrical parameters
Material data - contact

Dimensions for the product

Packaging information

Ambient conditions

Pull-out test

Air clearances and creepage distances

Resistance to ageing, humidity and penetration of solids

Item properties

Connection capacity

Material data - housing

Dimensions for PCB design

General product information

Termination and connection method

Electrical tests

Vibration test

Classifications

Drawings

Diagram

Type: MKDS 5/2-6,35 and MKDS 5/3-6,35

Test following DIN EN 60512-5-2:2003-01

Reduction factor = 1

No. of positions: 5

[Back to top](#)Item properties

Brief article description PCB terminal block

Range of articles MKDS 5

Pitch 6.35 mm

Number of positions 4

Connection method Screw connection with tension sleeve

Drive form screw head Slotted Pozidriv (Z1L)

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

[Back to top](#)Electrical parameters

Nom. voltage 630 V

[Back to top](#)Connection capacity

Connection method Screw connection with tension sleeve

pluggable Yes

Conductor cross section solid 0.2 mm² ... 6 mm²

Conductor cross section flexible 0.2 mm² ... 4 mm²

Conductor cross section AWG / kcmil 24 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 4 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 4 mm²

2 conductors with same cross section, solid 0.2 mm²

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5/ 4-6,35 BK Z1L TS 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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