

INDUSTRIAL COMPONENT DATA

MKDS 5/ 5-6,35 BK Z1L TS 1831031 PHOENIX CONTACT PCB terminal block, nominal current: 32 A, nom. voltage: 63..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5/ 5-6,35 BK Z1L TS
Catalog number	1831031
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-1945890BD1
Generated	2026-08-05

Product Overview

PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 6.35 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal cross-section: 4 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: MKDS 5, pitch: 6.35 mm, connection type: Screw connection with traction capsule, screw clamping method: 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)

Additional Product Information

PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 6.35 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black

Key Commercial Data

Orderkey 1831031

Packing unit 1

GTIN 4046356890755

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 5
Pitch 6.35 mm
Number of positions 5
Connection method Screw connection with tension sleeve
Drive form screw head Slotted Pozidriv (Z1L)
Screw thread M3
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
Number of connections 5
Number of potentials 5
Electrical parameters
Rated current 32 A
Rated insulation voltage (III/2) 630 V
Rated surge voltage (III/2) 6 kV
Connection capacity
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 ... 1.5 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.75 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 2.5 mm²
Str...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5/ 5-6,35 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

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.