

INDUSTRIAL COMPONENT DATA

KDS10/SO- 9 NZ 1990588 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: KDS10/SO-9 NZ



Manufacturer	PHOENIX CONTACT
MPN / Reference	KDS10/SO-9 NZ
Catalog number	1990588
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-703702231F
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 320 V, nominal cross-section: 10 mm², number of potentials: 9, number of rows: 1, number of poles per row: 9, article family: KDS10, pitch: 10 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.3 mm, number of solder pins per potential: 4, packaging type: boxed

Printed circuit board terminal, nominal current: 76 A, rated voltage (III/2): 320 V, nominal cross section: 10 mm², number of potentials: 9, number of rows: 1, number of positions per row: 9, product range: KDS 10, pitch: 10 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: green, Pin layout: Linear pinning, Solder pin [P]: 4.3 mm, number of solder pins per potential: 4, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family KDS 10

Product line COMBICON Terminals L

Type PCB terminal block can be aligned in rows+feed-through terminal block

Number of positions 9

Pitch 10 mm
Number of connections 18
Number of rows 1
Number of potentials 9
Pin layout Linear pinning
Solder pins per potential 4
Data management status
Article revision 01
Electrical propertiesNominal current I_N 76 A
Nominal voltage U_N 320 V
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type PCB terminal block can be aligned in rows+feed-through terminal block
Nominal cross section 10 mm²
Conductor connection
Connection method Screw connection with tension sleeve
Conductor cross section rigid 0.5 mm² ... 16 mm²
Conductor cross section flexible 0.5 mm² ... 10 mm²
Conductor cross section AWG 20 ... 6
Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 10 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 10 mm²
2 conductors with same cross section, solid 0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / KDS10/SO-9 NZ 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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