

INDUSTRIAL COMPONENT DATA

MKDSP 25/ 5-15,00 GY BD:L1 1712511 PHOENIX CONTACT

PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 25/ 5-15,00 GY BD:L1



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 25/ 5-15,00 GY BD:L1
Catalog number	1712511
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-62CB4DBAEC
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 125 A, nominal voltage (III/2): 1000 V, nominal cross-section: 35 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: MKDSP 25, pitch: 15 mm, connection type: Screw connection with traction capsule, screw clamping method: Z2L Pozidriv with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, number of solder pins per potential: 4, packaging type: boxed packaging. Permanent mechanical loads on the terminal block must be avoided

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 1712511

Packing unit 1

GTIN 4055626290959

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDSP 25

Pitch 15 mm

Number of positions 5
Connection method Screw connection with tension sleeve
Screw thread M5
Mounting type Wave soldering
Pin layout Linear pinning
Number of levels 1
Number of connections 5
Number of potentials 5
Electrical parameters
Rated current 125 A
Rated insulation voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Connection capacity
Conductor cross section solid 0.5 mm² ... 35 mm²
Conductor cross section flexible 0.5 mm² ... 35 mm²
Conductor cross section AWG / kcmil 20 ... 2
Conductor cross section flexible, with ferrule without plastic sleeve 1 mm² ... 35 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 1.5 mm² ... 35 mm²
2 conductors with same cross section, solid 0.5 mm² ... 6 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.5 mm² ... 4 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 16 mm²
Stripping length 18 mm
Torque 2.5 Nm ... 4.5 Nm ($\leq 25 \text{ mm}^2 = 2.5 \text{ Nm}$; $35 \text{ mm}^2 = 4.5 \text{ Nm}$)
Material data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics Tin-plated
Metal surface terminal point (top layer)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 25/ 5-15,00 GY BD:L1 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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