

INDUSTRIAL COMPONENT DATA

MKDSP 25/ 4-15,00 GY BD:NZ1 1747711 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 25/ 4-15,00 GY BD:NZ1



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 25/ 4-15,00 GY BD:NZ1
Catalog number	1747711
Category	Printed circuit board terminal
Minimum order	25 Pcs
Document ID	EO-458EAC4FF8
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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: 4, number of rows: 1, number of poles per row: 4, 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

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 1747711

Packing unit 25 pc

Minimum order quantity 25 pc

GTIN 4046356298827

Weight per Piece (excluding packing) 82.800 g

Custom tariff number 85369010

Country of origin SK (Slovakia)

Item properties

Brief article description PCB terminal block

Range of articles MKDSP 25

Pitch 15 mm

Number of positions 4

Connection method Screw connection with tension sleeve

Drive form screw head Philipps recess with slotted Torx (H1L)

Screw thread M5

Mounting type Wave soldering

Pin layout Linear 2x2 pinning

Number of levels 1

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 IE...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 25/ 4-15,00 GY BD:NZ1 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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