

INDUSTRIAL COMPONENT DATA

MKDSP 25/ 5-15,00 BK 1709732 PHOENIX CONTACT PCB terminal block

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

PRODUCT IMAGE\nNOT
AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 25/ 5-15,00 BK
Catalog number	1709732
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-C2EA2287B1
Generated	2026-09-29

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 125 A, nominal voltage (III/2): 1000 V, nominal section: 35 mm², 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 form: Z2L Pozidriv with longitudinal slot, Mounting: Wave Soldering, Conductor/PCB Connection Direction: 0°, Color: Black, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 4.5mm, 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)**

Additional Product Information

Key Commercial Data

Orderkey 1709732

Packing unit 1

GTIN 4055626091280

Custom tariff number 85369010

Dimensions

Length [l] 31 mm

Pitch 15 mm

Dimension a 60 mm

Width [w] 75 mm

Height 39 mm

Height [h] 43.5 mm

Solder pin [P] 4.5 mm

Hole diameter 1.6 mm

General

Range of articles MKDSP 25

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I_N 125 A

Nominal cross section 35 mm²

Maximum load current 125 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage B7

Stripping length 18 mm

Number of positions 5

Screw thread M5

Tightening torque, min 2.5 Nm

Tightening torque max 4.5 Nm

Note Tightening torque ≤ 25 mm² is 2.5 Nm, > 25 mm² is 4.5 Nm

Connection data

Conductor cross section solid min. 0.5 mm²

Conductor cross section solid max. 35 mm²

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 35 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 35 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 35 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 2

2 conductors w...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 25/ 5-15,00 BK 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.