

INDUSTRIAL COMPONENT DATA

MKDSP 50/ 5-17,5 1856155 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 50/ 5-17,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 50/ 5-17,5
Catalog number	1856155
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-C624BB97B5
Generated	2026-08-04

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 192 A, nominal voltage (III/2): 1000 V, nominal cross-section: 70 mm², number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: MKDSP 50, pitch: 17.5 mm, connection type: Screw connection with traction capsule, screw clamping method: T30 Torx®, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4 mm, number of soldering 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 1856155

Packing unit 10 pc

Note Made to Order (non-returnable)

GTIN 4055626029047

Weight per Piece (excluding packing) 104.680 g

Custom tariff number 85369010

Country of origin CN (China)

Dimensions

Length [L] 32 mm

Pitch 17.5 mm

Dimension a 70 mm

Width [w] 90 mm

Height 55 mm

Height [h] 59 mm

Solder pin [P] 4 mm

Hole diameter 2.4 mm

General

Range of articles MKDSP 50

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 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 192 A

Nominal cross section 70 mm²

Maximum load current 192 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 20 mm

Number of positions 5

Screw thread M6

Tightening torque, min 5.5 Nm

Connection data

Conductor cross section solid min. 1.5 mm²

Conductor cross section solid max. 70 mm²

Conductor cross section flexible min. 1.5 mm²

Conductor cross section flexible max. 70 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 50 mm²

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

Conductor cross section flexible, with ferrule with plastic sleeve max. 50 mm²

Conductor cross section AWG min. 16

Conductor cross section AWG max. 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 50/ 5-17,5 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.