

INDUSTRIAL COMPONENT DATA

MKDSP 50/ 1-17,5-FL 1856168 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 50/ 1-17,5-FL



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 50/ 1-17,5-FL
Catalog number	1856168
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-674ADE9952
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 192 A, nominal voltage (III/2): 1000 V, nominal section: 70 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, family of articles: MKDSP 50/.. -FL, pitch: 17.5 mm, connection type: Screw connection with traction capsule, screw clamping form: 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, Packing Type: Boxed Packed

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 1856168

Packing unit 10 pc

GTIN 4055626029016

Weight per Piece (excluding packing) 41.800 g

Custom tariff number 85369010

Country of origin CN (China)

Item properties

Brief article description PCB terminal block

Range of articles MKDSP 50/..-FL

Pitch 17.5 mm
Number of positions 1
Connection method Screw connection with tension sleeve
Drive form screw head Torx®(T20)
Screw thread M6
Mounting type Wave soldering
Pin layout Linear 2x2 pinning
Number of levels 1
Electrical parameters
Rated current 192 A
Rated insulation voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Connection capacity
Conductor cross section solid 1.5 mm² ... 70 mm²
Single-wire/terminal point, stranded GRP 1.5 mm² ... 70 mm²
Conductor cross section flexible 1.5 mm² ... 70 mm²
Conductor cross section AWG / kcmil 16 ... 2/0
Conductor cross section flexible, with ferrule without plastic sleeve 1.5 mm² ... 50 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 1.5 mm² ... 50 mm²
2 conductors with same cross section, solid 1.5 mm² ... 16 mm²
2 conductors with the same cross section, stranded 1.5 mm² ... 25 mm²
2 conductors with same cross section, flexible 1.5 mm² ... 25 mm²
2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 1.5 mm² ... 16 mm²
Stripping length 20 mm
Torque 5.5 Nm
Information on the aluminum conductor
Cross section-torque-form of cable Cable cross section:50 mm²; Torque:5.5 Nm; Form of cable:sector-shaped,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 50/ 1-17,5-FL 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.