

INDUSTRIAL COMPONENT DATA

MKDSFW 1,5/12-3,5 1868225 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSFW 1,5/12-3,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSFW 1,5/12-3,5
Catalog number	1868225
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-0CCBA80437
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Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, nominal voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, article family: MKDSFW 1.5, pitch: 3.5 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

PCB terminal, nominal current: 12 A, reference voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of potentials: 12, number of rows: 1, number of poles per row: 12, article range: MKDSFW 1.5, pitch: 3.5 mm, connection type: Screw connection with ring, screw driving surface: L Longitudinal slot, mounting: Wave welding, Conductor/PCB Plugging Direction: 90°, Colour: Green, Pin Layout: Linear Pinout, Pin Length [P]: 3.5 mm, Number of Pins per Potential: 1, Packaging Type: Packed in a Box

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 1868225

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4017918133887

Weight per Piece (excluding packing) 8.230 g

Custom tariff number 85369010

Country of origin PL (Poland)

Dimensions

Length [l] 11.3 mm

Pitch 3.5 mm

Dimension a 38.5 mm

Width [w] 43.3 mm

Height 10.4 mm

Height [h] 13.9 mm

Solder pin [P] 3.5 mm

Hole diameter 1.3 mm

General

Range of articles MKDSFW 1,5

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 1.5 mm²

Maximum load current 12 A (with 1.5 mm² conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 6 mm

Number of positions 12

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

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

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSFW 1,5/12-3,5 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

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