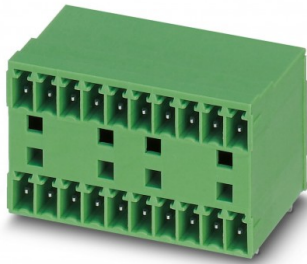


INDUSTRIAL COMPONENT DATA

MCD 1,5/12-G1-3,81 BK 1962670 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCD 1,5/12-G1-3,81 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCD 1,5/12-G1-3,81 BK
Catalog number	1962670
Category	Printed circuit board connector
Minimum order	30 Pcs
Document ID	EO-378FDB71B7
Generated	2026-08-06

Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 24, number of rows: 2, number of poles: 12, number of connections: 24, article family: MCD 1.5/.. -G1, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: boxed

PCB base socket, nominal cross-section: 1.5 mm², colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 24, number of rows: 2, number of poles: 12, number of connections: 24, product series: MCD 1.5/.. -G1, pitch: 3.81 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug system: COMBICON MC 1.5, Insertion pin orientation: Standard, locking: none, fixing type: none, packaging type: packed in carton

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 1962670

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918903176

Weight per Piece (excluding packing) 13.590 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 21.9 mm

Width 47.11 mm

Pitch 3.81 mm

Dimension a 41.91 mm

Width [w] 47.11 mm

Height [h] 26.5 mm

Height 23 mm

Length of the solder pin 3.5 mm

Pin dimensions 0.8 x 0.8 mm

Length 21.9 mm

General

Range of articles MCD 1,5/...-G1

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Color black

Number of positions 12

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss
7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC
13.239121409

ETIM for 1962670 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

24

Number of plug-in contact rows (EF006935)

2

Modular spacing contacts (EF007326)

3.81 mm

Modular spacing connections (EF006827)

3.81 mm

Rated current I_n (EF008250)

8 A

Rated voltage (EF000228)

160 V

Rated...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCD 1,5/12-G1-3,81 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

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