

## INDUSTRIAL COMPONENT DATA

# MCD 1,5/16-GF-3,81 1830240 PHOENIX CONTACT

## Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCD 1,5/16-GF-3,81



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCD 1,5/16-GF-3,81              |
| Catalog number  | 1830240                         |
| Category        | Printed circuit board connector |
| Minimum order   | 20 Pcs                          |
| Document ID     | EO-698B47ABAE                   |
| Generated       | 2026-08-02                      |

### Product Overview

#### Feed-through header

Printed circuit board base housing, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 32, number of rows: 2, number of poles: 16, number of connections: 32, family of articles: MCD 1.5/.. -GF, 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: Screw lock, fixing type: Air clamping (thread), packaging type: boxed packaging, In the case of a combination with MCV plug-in parts, an MCVW connector and an MCVR connector must be used, respectively. PCB base socket, nominal cross-section: 1.5 mm<sup>2</sup>, colour: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 32, number of rows: 2, number of poles: 16, number of connections: 32, product series: MCD 1.5/...

## 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 &gt; PCB Connectors (PCC)

### Additional Product Information

#### Key Commercial Data

Orderkey 1830240

Packing unit 50 pc

Catalog page Page 235 (C-1-2013)

GTIN 4017918112776

Weight per Piece (excluding packing) 14.820 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [ l ] 21.9 mm

Width 71.35 mm

Pitch 3.81 mm

Dimension a 57.15 mm

Width [ w ] 71.35 mm

Height [ h ] 26.2 mm

Height 22.7 mm

Length of the solder pin 3.5 mm

Pin dimensions 0.8 x 0.8 mm

Pin spacing 12.70 mm

Length 21.9 mm

General

Range of articles MCD 1,5/-GF

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 8 A

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 16

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCD 1,5/16-GF-3,81 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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