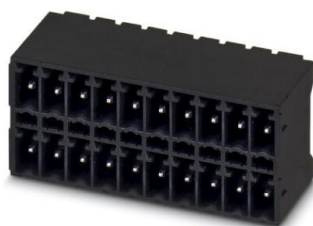


## INDUSTRIAL COMPONENT DATA

# MCDN 1,5/18-G1-3,81 P14THR 1749492 PHOENIX CONTACT

## Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/18-G1-3,81 P14THR



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCDN 1,5/18-G1-3,81 P14THR      |
| Catalog number  | 1749492                         |
| Category        | Printed circuit board connector |
| Minimum order   | 30 Pcs                          |
| Document ID     | EO-00E559F326                   |
| Generated       | 2026-08-04                      |

### Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 36, number of rows: 2, number of poles: 18, number of connections: 36, family of articles: MCDN 1.5/.. -G1-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: box-packed, Pin length is 1.4 mm. For user information and design recommendations on Through Hole Reflow technology, please refer to: "Downloads".

## 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 1749492

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356313933

Weight per Piece (excluding packing) 16.300 g

Custom tariff number 85366930

Country of origin BG (Bulgaria)

**Dimensions**

Length [ l ] 13.3 mm

Width 69.67 mm

Pitch 3.81 mm

Dimension a 64.77 mm

Width [ w ] 69.67 mm

Height [ h ] 16.6 mm

Height 15.2 mm

Length of the solder pin 1.4 mm

Pin dimensions 0.8 x 0.8 mm

Pin spacing 3.50 mm

Length 13.3 mm

**General**

Range of articles MCDN 1,5/..-G1-THR

Insulating material group IIIa

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) 250 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 8 A

Maximum load current 8 A (per position)

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 18

**Standards and Regulations**

Connection in acc. with standard EN-VDE

**CUL**

Flammability rating according to UL 94 V0

**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 1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDN 1,5/18-G1-3,81 P14THR 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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