

## INDUSTRIAL COMPONENT DATA

# MCVU 1,5/12-GFD-3,81 1833124 PHOENIX CONTACT

## Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCVU 1,5/12-GFD-3,81



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | MCVU 1,5/12-GFD-3,81 |
| Catalog number  | 1833124              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-154ADC7B04        |
| Generated       | 2026-08-02           |

### Product Overview

#### Feed-through header

Direct plug-in block, 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: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MCVU 1.5/..-GFD, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: Direct mounting, conductor/printed circuit board connection direction: 0 °, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, locking: Screw lock, fixing type: Air clamping (thread), Packaging Type: Boxed Packaging

Direct plug-in block, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 12, number of rows: 1, number of positions: 12, number of connections: 12, product range: MCVU 1,5/..-GFD, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Direct mounting, conductor/PCB connection direction: 0 °, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type Direct plug-in block

Product family MCVU 1,5/..-GFD

Product line COMBICON Connectors S

Type Direct mounting  
Number of positions 12  
Pitch 3.81 mm  
Number of connections 12  
Number of rows 1  
Number of potentials 12  
Mounting flange Threaded flange  
Solder pins per potential 1  
Data management status  
Article revision 05  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 160 V  
Contact resistance 3.5 mΩ  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 320 V  
Rated surge voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Type Direct mounting  
Connector system COMBICON MC 1,5  
Nominal cross section 1.5 mm<sup>2</sup>  
Contact connection type Pin  
Interlock  
Locking type Screw locking mechanism  
Mounting flange Threaded flange  
Tightening torque 0.3 Nm  
Conductor connection  
Connection method Screw connection with tension sleeve  
Connection direction of the conductor to plug-in direction 0 °  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section flexible 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section AWG 28 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.14 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conduc...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCVU 1,5/12-GFD-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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