

INDUSTRIAL COMPONENT DATA

MCVU 1,5/16-GFD-3,81 BD:1-16 1708075 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCVU 1,5/16-GFD-3,81 BD:1-16



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCVU 1,5/16-GFD-3,81 BD:1-16
Catalog number	1708075
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-06294EC44F
Generated	2026-08-06

Product Overview

Printed-circuit board connector

Direct plug-in block, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, 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

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

Plug component, nominal current: 8 A, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Your advantages

Screwable flange for superior mechanical stabilityLaterally mounted flange for screw connection in the housing or on the mounting plateMaximum flexibility when it comes to device design - one header for connectors with different connection technologiesKey Commercial Data

Orderkey 1708075

Packing unit 1

GTIN 4046356965941

Custom tariff number 85366990

General

Range of articles MCVU 1,5/..-GFD

Type of contact Male connector

Number of positions 16

Connection method Screw connection with tension sleeve

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Nominal cross section 1.5 mm²

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 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 28

Conductor cross section AWG max. 16

2 conductors with same cross section, solid min. 0.14 mm²

2 conductors with same cross sect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCVU 1,5/16-GFD-3,81 BD:1-16 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.