

INDUSTRIAL COMPONENT DATA

MCVU 1,5/10-GFD-3,81 1833108 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCVU 1,5/10-GFD-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCVU 1,5/10-GFD-3,81
Catalog number	1833108
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-C39B73F45F
Generated	2026-08-02

Product Overview

Feed-through header

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: 10, number of rows: 1, number of poles: 10, number of connections: 10, 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 mm², colour: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, product series: MCVU 1.5/.. -GFD, pitch: 3.81 mm, connection type: Screw connection with cage, screw attachment form: L Longitudinal slot, mounting: Direct mounting, conductor/board connection direction: 0 °, number of solder pins per potential: 1, plug system: COMBICON MC 1.5, locking: Screw locking, fixing type: Threaded flange, 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 1833108

Packing unit 50 pc

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GTIN 4017918051792

Weight per Piece (excluding packing) 10.800 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 20.3 mm

Width [w] 48.49 mm

Height [h] 12.5 mm

Pitch 3.81 mm

Dimension a 34.29 mm

General

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

Number of positions 10

Connection method Screw connection with tension sleeve

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

Nominal cross section 1.5 mm²

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 7 mm

Screw thread M2

Tightening torque, min 0.22 Nm

Tightening torque max 0.25 Nm

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

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCVU 1,5/10-GFD-3,81 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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