

## INDUSTRIAL COMPONENT DATA

# IMC 1,5/12-STGF-3,81 1858138 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | IMC 1,5/12-STGF-3,81 |
| Catalog number  | 1858138              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-8DCF7D2A15        |
| Generated       | 2026-07-31           |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, 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: BMI 1.5/.. -STGF, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 0 °, plug-in system: COMBICON MC 1.5, locking: Screw locking, fixing type: Aerial clamping (thread), packaging type: boxed

## 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 1858138

Packing unit 50 pc

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GTIN 4017918144371

Weight per Piece (excluding packing) 10.500 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [ l ] 17.9 mm

Width [ w ] 56.11 mm  
Height [ h ] 11.1 mm  
Pitch 3.81 mm  
Dimension a 41.91 mm  
General  
Range of articles IMC 1,5/..-STGF  
Number of positions 12  
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 mm<sup>2</sup>  
Maximum load current 8 A (with 1.5 mm<sup>2</sup> conductor cross section)  
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 mm<sup>2</sup>  
Conductor cross section solid max. 1.5 mm<sup>2</sup>  
Conductor cross section flexible min. 0.14 mm<sup>2</sup>  
Conductor cross section flexible max. 1.5 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IMC 1,5/12-STGF-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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