INDUSTRIAL COMPONENT DATA

# IMC 1,5/ 8-STGF-3,81 1858099 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: IMC 1,5/ 8-STGF-3,81**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | IMC 1,5/ 8-STGF-3,81 |
| Catalog number | 1858099 |
| Category | Cable connector |
| Minimum order | 50 Pcs |
| Document ID | EO-2C7A63E484 |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Connector for printed circuit board, 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: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: IMC 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

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1858099
Packing unit 50 pc
Catalog page Page 197 (C-1-2013)
GTIN 4017918144333
Weight per Piece (excluding packing) 6.900 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions
Length [ l ] 17.9 mm

Width [ w ] 40.87 mm
Height [ h ] 11.1 mm
Pitch 3.81 mm
Dimension a 26.67 mm
General
Range of articles IMC 1,5/..-STGF
Number of positions 8
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 (with 1.5 mm² 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 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 wi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IMC 1,5/ 8-STGF-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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