INDUSTRIAL COMPONENT DATA

PP 2,5/ 1-L 3211271 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP 2,5/ 1-L



Manufacturer	PHOENIX CONTACT
MPN / Reference	PP 2,5/ 1-L
Catalog number	3211271
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-25422C01B8
Generated	2026-11-19

Product Overview

Plug
Connector, left element, rated voltage: 800 V, rated current: 24 A, number of connections: 1, number of poles: 1, connection type: Push-in connection, 1st floor, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², color: gray

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 > Modular TBs

Additional Product Information

Key Commercial Data
Orderkey 3211271
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 297 (C-1-2017)
GTIN 4055626285245
Weight per Piece (excluding packing) 3.410 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Number of positions 1
Number of levels 1
Number of connections 1
Potentials 1

Nominal cross section 2.5 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Area of application Machine building
Plant engineering
Rated surge voltage 6 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W
Maximum load current 24 A (with 4 mm² conductor cross section)
Nominal current IN 24 A
Nominal voltage UN 800 V
Open side panel No
Dimensions
Width 5.2 mm
Length 16 mm
Height 41.2 mm
25.6 mm
Pitch 5.2 mm
Connection data
Connection method Push-in connection
Stripping length 8 mm ... 10 mm
Connection in acc. with standard IEC 61984
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 4 mm²
Conductor cross section AWG min. 26
Conductor cross section AWG max. 12
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible max. 2.5 mm²
Min. AWG conductor cross section, flexible 26
Max. AWG conductor cross section, flexible 14
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cros...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP 2,5/ 1-L 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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