

**INDUSTRIAL COMPONENT DATA**

# PP 2,5/12 3211291 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP 2,5/12



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | PP 2,5/12                |
| Catalog number  | 3211291                  |
| Category        | Terminal block connector |
| Minimum order   | 10 Pcs                   |
| Document ID     | EO-300940C8CB            |
| Generated       | 2026-08-04               |

## Product Overview

### Plug

Connector, rated voltage: 800 V, rated current: 24 A, number of connections: 12, number of poles: 12, connection type: Push-in connection, 1st floor, Sizing cross-section: 2.5 mm<sup>2</sup>, cross-section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, 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 3211291

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4055626285641

Weight per Piece (excluding packing) 42.200 g

Custom tariff number 85366990

Country of origin PL (Poland)

### General

Number of positions 12

Number of levels 1

Number of connections 12

Potentials 12

Nominal cross section 2.5 mm<sup>2</sup>

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 (the value is based on one connection block and is multiplied according to the pin assignment)

Maximum load current 24 A (with 4 mm<sup>2</sup> conductor cross section)

Nominal current I<sub>N</sub> 24 A

Nominal voltage U<sub>N</sub> 800 V

Open side panel No

Dimensions

Width 62.4 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 mm<sup>2</sup>

Conductor cross section solid max. 4 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cross section AWG max. 12

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Min. AWG conductor cross section, flexible 26

Max. AWG conductor cross section, flexible 14

Conductor cross section flexible, with ferrul...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP 2,5/12 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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