

**INDUSTRIAL COMPONENT DATA**

# PP 2,5/ 1 3211280 PHOENIX CONTACT Plug

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



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | PP 2,5/ 1                |
| Catalog number  | 3211280                  |
| Category        | Terminal block connector |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-35AA05F2DD            |
| Generated       | 2026-07-31               |

## Product Overview

### Plug

Connector, 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 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 &gt; Modular TBs

## Additional Product Information

### Key Commercial Data

Orderkey 3211280

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4055626285535

Weight per Piece (excluding packing) 3.770 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 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

Maximum load current 24 A (with 4 mm<sup>2</sup> conductor cross section)Nominal current I<sub>N</sub> 24 ANominal voltage U<sub>N</sub> 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 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 ferrule without plastic sleeve min. 0.14 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plasti...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PP 2,5/ 1 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**

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