

INDUSTRIAL COMPONENT DATA

PP 2,5/ 6 3211285 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PP 2,5/ 6



Manufacturer	PHOENIX CONTACT
MPN / Reference	PP 2,5/ 6
Catalog number	3211285
Category	Terminal block connector
Minimum order	25 Pcs
Document ID	EO-AAAB341D58
Generated	2026-08-05

Product Overview

Plug

Connector, rated voltage: 800 V, rated current: 24 A, number of connections: 6, number of poles: 6, connection type:

Push-in connection, 1st floor, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², color: gray

Plug, nom. voltage: 800 V, nominal current: 24 A, number of connections: 6, number of positions: 6, connection method:

Push-in connection, 1 level, Rated 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

Technical dataProduct propertiesProduct type Terminal plug

Area of application Machine building

Plant engineering

Number of positions 6

Pitch 5.2 mm

Number of connections 6

Number of rows 1

Potentials 6

Data management status

Article revision 02

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated surge voltage 6 kV

Maximum power dissipation for nominal condition 0.77 W

Connection data Number of connections per level 1

Nominal cross section 2.5 mm²

1 level

Stripping length 8 mm ... 10 mm

Internal cylindrical gage A3

Connection in acc. with standard IEC 61984

Conductor cross section rigid 0.14 mm² ... 4 mm²

Cross section AWG 26 ... 12 (converted acc. to IEC)

Conductor cross section flexible 0.14 mm² ... 2.5 mm²

Conductor cross section, flexible [AWG] 26 ... 14 (converted acc. to IEC)

Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² ... 2.5 mm²

Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm² ... 2.5 mm²

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm²

Nominal current 24 A

Maximum load current 24 A (with 4 mm² conductor cross section)

Nominal voltage 800 V

Nominal cross section 2.5 mm²

1 level Connection cross sections directly pluggable

Conductor cross section rigid 0.34 mm² ... 4 mm²

Conductor cross-section flexible (ferrule without plastic sleeve) 0.34 mm² ... 2.5 mm²

Flexible conductor cross section (ferrule with plastic sleeve) 0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PP 2,5/ 6 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.