INDUSTRIAL COMPONENT DATA

# SP 2,5/10 3040342 PHOENIX CONTACT Plug

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SP 2,5/10**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SP 2,5/10 |
| Catalog number | 3040342 |
| Category | Terminal block connector |
| Minimum order | 25 Pcs |
| Document ID | EO-BD7AED383E |
| Generated | 2026-11-18 |

## Product Overview

Plug
Connector, rated voltage: 500 V, rated current: 24 A, number of poles: 10, connection type: Spring connection, Sizing cross-section: 2.5 mm², cross-section: 0.08 mm²- 4 mm², color: gray
Plug, nom. voltage: 500 V, nominal current: 24 A, number of positions: 10, connection method: Spring-cage connection, Rated cross section: 2.5 mm2, cross section: 0.08 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Modular TBs |

## Additional Product Information

Technical dataProduct propertiesProduct type Terminal plug
Number of positions 10
Pitch 5.2 mm
Data management status
Article revision 04
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 6 kV
Connection dataNominal cross section 2.5 mm²
Stripping length 8 mm ... 10 mm
Internal cylindrical gage A3

Connection in acc. with standard IEC 61984
Conductor cross section rigid 0.08 mm² ... 4 mm²
Cross section AWG 28 ... 12 (converted acc. to IEC)
Conductor cross section flexible 0.08 mm² ... 2.5 mm²
Conductor cross section, flexible [AWG] 28 ... 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 500 V
Nominal cross section 2.5 mm²
DimensionsWidth 52 mm
Height 15.8 mm
Depth 39 mm
Length 15.8 mm
Pitch 5.2 mm
Material specificationsColor gray (RAL 7042)
Flammability rating according to UL 94 V0
Insulating material group I
Insulating material PA
Static insulating material application in cold -60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C
Relative insulation material temperature index (Elec., UL 746 B) 130 °C
Fire protection for rail vehicles (DIN...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SP 2,5/10 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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