INDUSTRIAL COMPONENT DATA

SP 2,5/10 3040342 PHOENIX CONTACT Plug

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



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

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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