INDUSTRIAL COMPONENT DATA

SC 2,5/10 3042311 PHOENIX CONTACT COMBI receptacle

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SC 2,5/10
Catalog number	3042311
Category	Terminal block connector
Minimum order	25 Pcs
Document ID	EO-323428CA31
Generated	2026-11-18

Product Overview

COMBI receptacle
COMBI coupling, nominal voltage: 500 V, nominal current: 24 A, number of connections: 1, number of poles: 10, connection type: Spring connection, Sizing cross-section: 2.5 mm², cross-section: 0.08 mm² - 4 mm², color: gray
COMBI coupling, nom. voltage: 500 V, nominal current: 24 A, number of connections: 1, 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 coupling
Area of application Railway industry
Machine building
Plant engineering
Number of positions 10
Pitch 5.2 mm
Number of connections 1
Number of rows 1
Data management status
Article revision 01
Insulation characteristics
Overvoltage category III

Degree of pollution 3
Electrical propertiesRated surge voltage 6 kV
Maximum power dissipation for nominal condition 0.77 W
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
End cover width 2.2 mm
Height 37.2 mm
Depth 18.8 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
Tempera...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SC 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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