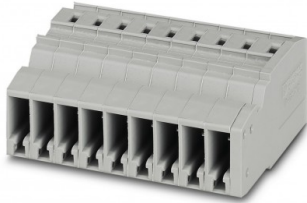


INDUSTRIAL COMPONENT DATA

SC 2,5/ 9 3041383 PHOENIX CONTACT COMBI receptacle

Brand: PHOENIX CONTACT | Manufacturer Part Number: SC 2,5/ 9



Manufacturer	PHOENIX CONTACT
MPN / Reference	SC 2,5/ 9
Catalog number	3041383
Category	Terminal block connector
Minimum order	25 Pcs
Document ID	EO-E53C047E98
Generated	2026-07-28

Product Overview

COMBI receptacle

COMBI coupling, nominal voltage: 500 V, nominal current: 24 A, number of connections: 1, number of poles: 9, 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: 9, 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 9

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 properties Rated surge voltage 6 kV

Maximum power dissipation for nominal condition 0.77 W

Connection data Nominal 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

Dimensions Width 46.8 mm

End cover width 2.2 mm

Height 37.2 mm

Depth 18.8 mm

Pitch 5.2 mm

Material specifications Color 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

Temper...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SC 2,5/ 9 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.