

## 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-E840C906A9            |
| Generated       | 2026-08-01               |

## 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 mm<sup>2</sup>, cross-section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, 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 mm<sup>2</sup>, cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, color: gray

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; 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 properties Rated surge voltage 6 kV  
Maximum power dissipation for nominal condition 0.77 W  
Connection data Nominal cross section 2.5 mm<sup>2</sup>  
Stripping length 8 mm ... 10 mm  
Internal cylindrical gage A3  
Connection in acc. with standard IEC 61984  
Conductor cross section rigid 0.08 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Cross section AWG 28 ... 12 (converted acc. to IEC)  
Conductor cross section flexible 0.08 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section, flexible [AWG] 28 ... 14 (converted acc. to IEC)  
Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup>  
Nominal current 24 A  
Maximum load current 24 A (with 4 mm<sup>2</sup> conductor cross section)  
Nominal voltage 500 V  
Nominal cross section 2.5 mm<sup>2</sup>  
Dimensions Width 52 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  
Tempera...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SC 2,5/10 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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