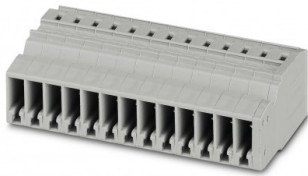


## INDUSTRIAL COMPONENT DATA

## SC 2,5/13 3041422 PHOENIX CONTACT COMBI receptacle

Brand: PHOENIX CONTACT | Manufacturer Part Number: SC 2,5/13



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | SC 2,5/13                |
| Catalog number  | 3041422                  |
| Category        | Terminal block connector |
| Minimum order   | 10 Pcs                   |
| Document ID     | EO-71D5B7CC3F            |
| Generated       | 2026-07-31               |

## Product Overview

COMBI receptacle

COMBI coupling, rated voltage: 500 V, rated current: 24 A, number of connections: 1, number of poles: 13, 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

## 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 &gt; Modular TBs

## Additional Product Information

Key Commercial Data

Orderkey 3041422

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918922726

Weight per Piece (excluding packing) 32.500 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Number of positions 13

Number of levels 1

Number of connections 1

Nominal cross section 2.5 mm<sup>2</sup>  
Color gray  
Insulating material PA  
Flammability rating according to UL 94 V0  
Area of application Railway industry  
Machine building  
Plant engineering  
Maximum load current 24 A (with a 2.5 mm<sup>2</sup> conductor cross section)  
Rated surge voltage 6 kV  
Degree of pollution 3  
Overvoltage category III  
Insulating material group I  
Maximum power dissipation for nominal condition 0.77 W  
Maximum load current 24 A (with 4 mm<sup>2</sup> conductor cross section)  
Nominal current I<sub>N</sub> 24 A  
Nominal voltage U<sub>N</sub> 500 V  
Open side panel Yes  
Insertion/withdrawal cycles mechanical 100  
Result of surge voltage test Test passed  
Surge voltage test setpoint 7.3 kV  
Result of power-frequency withstand voltage test Test passed  
Power frequency withstand voltage setpoint 1.89 kV  
Result of tight fit on support Test passed  
Tight fit on carrier Metal wall 6 mm  
Setpoint 1 N  
Short circuit stability result Test passed  
Conductor cross section short circuit testing 2.5 mm<sup>2</sup>  
Short-time current 0.3 kA  
Result of thermal test Test passed  
Proof of thermal characteristics (needle flame) effective duration 30 s  
Oscillation, broadband noise test result Test passed  
Test s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SC 2,5/13 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

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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