

INDUSTRIAL COMPONENT DATA

SC 2,5/ 2 3041312 PHOENIX CONTACT COMBI receptacle

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SC 2,5/ 2
Catalog number	3041312
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-07196EB81A
Generated	2026-07-28

Product Overview

COMBI receptacle

COMBI coupling, rated voltage: 500 V, rated current: 24 A, number of connections: 1, number of poles: 2, connection type: Spring connection, Sizing 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

Key Commercial Data

Orderkey 3041312

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

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GTIN 4017918922665

Weight per Piece (excluding packing) 6.640 g

Custom tariff number 85366990

Country of origin PL (Poland)

General

Number of positions 2

Number of levels 1

Number of connections 1

Potentials 2

Nominal cross section 2.5 mm²

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 mm² 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 mm² conductor cross section)

Nominal current I_N 24 A

Nominal voltage U_N 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 mm²

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 pas...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SC 2,5/ 2 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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