

## INDUSTRIAL COMPONENT DATA

## SP-H 2,5/ 9 3210693 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: SP-H 2,5/ 9



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | SP-H 2,5/ 9              |
| Catalog number  | 3210693                  |
| Category        | Terminal block connector |
| Minimum order   | 25 Pcs                   |
| Document ID     | EO-961B8A3981            |
| Generated       | 2026-07-31               |

## Product Overview

## Plug

Connector, rated voltage: 500 V, rated current: 24 A, number of poles: 9, 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 > Modular TBs |
|--------------|-------------------------------|

## Additional Product Information

## Key Commercial Data

Orderkey 3210693

Packing unit 25 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

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GTIN 4046356411936

Weight per Piece (excluding packing) 26.350 g

Custom tariff number 85366990

Country of origin PL (Poland)

## General

Number of positions 9

Number of levels 1

Number of connections 9

**Potentials 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 No

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 1...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / SP-H 2,5/ 9 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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