

Plug - SPV 2,5/ 1-L - 3041024

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Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 34 mm, Color: gray

Product Description

Connector element left, left housing without engagement pin, right opened without cover

Product Features

- ✓ Cable housing can be snapped on to the plugs, see figure below
- ✓ Tested for railway applications
- ✓ The plug with spring-cage connection is assembled directly on site by snapping together single-position plug elements
- ✓ The ST-COMBI plugs for self-assembly provide solutions that users can implement themselves

Key commercial data

package_quantity	50
GTIN	4046356054997

Technical data

General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

General

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I _N	24 A
Nominal voltage U _N	500 V

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Technical data

General

Open side panel	nein
Number of positions	1

Dimensions

Width	5.2 mm
Length	23.4 mm
Height	34 mm

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A3

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC002021

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classifications

ETIM

ETIM 5.0	EC002021
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UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

UL Recognized 				
Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	20 A	20 A	5 A	20 A
mm²/AWG/kcmil	26-12	26-12	26-12	26-12

cUL Recognized 				
Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	20 A	20 A	5 A	20 A
mm²/AWG/kcmil	26-12	26-12	26-12	26-12

GOST 				
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cULus Recognized 				
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accessories

Strain relief

PZ/2 - 3040627



PZ/4 - 3040643



Mounting material

PRV/2 - 3041862



Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



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accessories

PS-5 - 3030983



PS-5/2,3MM RD - 3038723



Shield connection

PSH 3- 6 - 3040591



PSH 5-10 - 3040601



Insulating sleeve

MPS-IH WH - 0201663



Plug - SPV 2,5/ 1-L - 3041024

accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



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accessories

End cover

DP PS-5 - 3036725



Drawings

Circuit diagram



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Schematic diagram

