

Plug - SPV 2,5/ 1 - 3041710

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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

The illustration shows the 6-position version

Product Features

- Large-surface labeling option
- Tested for railway applications
- Practical coding option

Key commercial data

package_quantity	50
GTIN	4046356090841

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
Open side panel	nein
Number of positions	1

Plug - SPV 2,5/ 1 - 3041710

Technical data

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
ETIM 5.0	EC002021

UNSPSC

UNSPSC 6.01	30211802
--------------------	----------

Plug - SPV 2,5/ 1 - 3041710

classifications

UNSPSC

UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

approvals

UL Recognized / cUL Recognized / 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
mm ² /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
mm ² /AWG/kcmil	26-12	26-12	26-12	26-12

cULus Recognized

accessories

Strain relief

PZ/2 - 3040627



Plug - SPV 2,5/ 1 - 3041710

accessories

PZ/4 - 3040643



Mounting material

PRV/2 - 3041862



Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



PS-5 - 3030983



Plug - SPV 2,5/ 1 - 3041710

accessories

PS-5/2,3MM RD - 3038723



Shield connection

PSH 3- 6 - 3040591



PSH 5-10 - 3040601



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



Plug - SPV 2,5/ 1 - 3041710

accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



End cover

Plug - SPV 2,5/ 1 - 3041710

accessories

DP PS-5 - 3036725



Drawings

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>