

Plug - SPV 2,5/7 - 3041778

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Plug, Connection method: Spring-cage connection, Number of positions: 7, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 36.4 mm, Height: 34 mm, Color: gray

The illustration shows the 6-position version

Product Features

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



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	21.6 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Number of positions	7
Number of levels	1
Number of connections	7
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



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Technical data

General

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 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	No

Dimensions

Width	36.4 mm
Length	23.4 mm
Height	34 mm
	19.00 mm
Pitch	5.20 mm

Connection data

Connection method	Spring-cage connection	
Connection in acc. with standard	IEC 61984	
Conductor cross section solid min.	0.08 mm²	
Conductor cross section solid max.	4 mm²	
Conductor cross section AWG min.	28	
Conductor cross section AWG max.	12	
Conductor cross section flexible min.	0.08 mm²	
Conductor cross section flexible max.	2.5 mm ²	
Min. AWG conductor cross section, flexible	28	
Max. AWG conductor cross section, flexible	14	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²	
Stripping length	8 mm 10 mm	
Internal cylindrical gage	A3	

Standards and Regulations

Connection in acc. with standard	CUL
	IEC 61984



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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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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
eCl@ss 9.0	27141151

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC002021
ETIM 5.0	EC002021

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals



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Approvals

Approvals submitted

Approval details

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

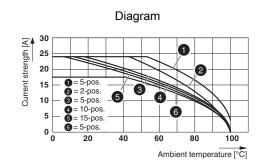
cUL Recognized				
		В	С	D
mm²/AWG/kcmil	26-12	26-12	26-12	26-12
Nominal current IN	20 A	20 A	20 A	5 A
Nominal voltage UN	600 V	300 V	300 V	600 V

EAC

cULus Recognized Sus

Drawings

Circuit diagram





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