

# Plug - SPV 2,5/ 8 - 3041781

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Plug, Connection method: Spring-cage connection, Number of positions: 8, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 41.6 mm, Height: 34 mm, Color: gray

The illustration shows the 6-position version

## Why buy this product

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



## Key commercial data

Packing unit	25 pc
GTIN	 4 046356 055147
Weight per Piece (excluding packing)	25.03 g
Custom tariff number	85366990
Country of origin	Poland

## Technical data

### General

Number of levels	1
Number of connections	8
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3

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## Technical data

### General

Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
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
Maximum load current	24 A (with 4 mm <sup>2</sup> conductor cross section)
Open side panel	nein
Number of positions	8

### Dimensions

Width	41.6 mm
Length	23.4 mm
Height	34 mm
	19.00 mm

### Connection data

Connection in acc. with standard	IEC 61984
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max.	12
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701

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## Classifications

### eCl@ss

eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141151
eCl@ss 7.0	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

#### Approvals submitted

### Approval details

UL Recognized 				
		B	C	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	26-12	26-12
Nominal current I <sub>N</sub>	20 A	20 A	20 A	5 A
Nominal voltage U <sub>N</sub>	600 V	300 V	300 V	600 V

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## Approvals

cUL Recognized				
		B	C	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	26-12	26-12
Nominal current I <sub>N</sub>	20 A	20 A	20 A	5 A
Nominal voltage U <sub>N</sub>	600 V	300 V	300 V	600 V

EAC
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cULus Recognized
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## Accessories

### Accessories

#### End cover

Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

#### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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### Accessories

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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### Mounting material

## Plug - SPV 2,5/ 8 - 3041781

### Accessories

Latching - PRV/2 - 3041862



Latching, Number of positions: 2, Color: orange

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### Shield connection

Shield connection clamp - PSH 3- 6 - 3040591



Shield connection clamp, Color: black

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Shield connection clamp - PSH 5-10 - 3040601



Shield connection clamp, Color: black

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### Strain relief

Strain relief - PZ/4 - 3040643



Strain relief, Number of positions: 4, Color: black

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### Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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## Plug - SPV 2,5/ 8 - 3041781

### Accessories

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Test plugs - PS-5 - 3030983



Test plugs, Color: red

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Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

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### Drawings

Circuit diagram

