

## 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

### Product Features

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



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 1      |
| 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 |
| Nominal current $I_N$            | 24 A      |
| Nominal voltage $U_N$            | 500 V     |
| Open side panel                  | nein      |
| Number of positions              | 8         |

### Dimensions

|        |         |
|--------|---------|
| Width  | 41.6 mm |
| Length | 23.4 mm |
| Height | 34 mm   |

### Connection data

|                                                                            |                        |
|----------------------------------------------------------------------------|------------------------|
| 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>    |
| 2 conductors with same cross section, stranded max.                        | 0.5 mm <sup>2</sup>    |
| 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 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |
| UNSPSC 7.0901 | 39121402 |
| UNSPSC 11     | 39121402 |
| UNSPSC 12.01  | 39121402 |
| UNSPSC 13.2   | 39121402 |

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / GOST / 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   |

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### Approvals

|                    |       | B     | C     | D     |
|--------------------|-------|-------|-------|-------|
| Nominal voltage UN | 600 V | 300 V | 300 V | 600 V |

| cUL Recognized  |       |       |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|-------|
|                                                                                                  |       | B     | C     | 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 |

|                                                                                        |  |  |  |  |
|----------------------------------------------------------------------------------------|--|--|--|--|
| GOST  |  |  |  |  |
|----------------------------------------------------------------------------------------|--|--|--|--|

|                                                                                         |  |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|--|
| GOST  |  |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|--|

|                                                                                                      |  |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|--|
| cULus Recognized  |  |  |  |  |
|------------------------------------------------------------------------------------------------------|--|--|--|--|

### Accessories

#### Accessories

#### End cover

#### Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

#### Insulating sleeve

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

### Accessories

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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

### Accessories

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

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

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

### Accessories

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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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Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Test adapter - PS-5 - 3030983



Test adapter, Color: red

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

### Accessories

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



Test plugs, Color: red

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### Drawings

Circuit diagram



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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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