

## Plug - SP-H 2,5/11 - 3210716

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Plug, Connection method: Spring-cage connection, Number of positions: 11, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 57.2 mm, Height: 39 mm, Color: gray


The figure shows the 6-pos. version

### Why buy this product

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



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 10 pc   |
| Minimum order quantity               | 10 pc   |
| GTIN                                 | <br>4 046356 411950 |
| Weight per Piece (excluding packing) | 32.93 g   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland  |
| Note                                 | Made to Order (non-returnable)  |

### Technical data

#### General

|   |   |
|---|---|
| Number of levels                        | 1   |
| Number of connections                   | 11  |
| Color                                   | gray  |
| Insulating material                     | PA  |
| Inflammability class according to UL 94 | V0  |
| Area of application                     | Railway industry<br>Mechanical engineering<br>Plant engineering |
| Maximum load current                    | 24 A (with 2.5 mm <sup>2</sup> conductor cross section)         |
| Rated surge voltage                     | 6 kV  |

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## Technical data

### General

|                                  |   |
|----------------------------------|---|
| Pollution degree                 | 3   |
| 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              | 11  |

### Dimensions

|        |          |
|--------|----------|
| Width  | 57.2 mm  |
| Length | 15.8 mm  |
| Height | 39 mm    |
|        | 24.00 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>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>    |
| Minimum stripping length  | 8 mm                   |
| Maximum stripping length  | 10 mm                  |
| Internal cylindrical gage   | A3                     |
| Connection method   | Plug connection        |

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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 |

### 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

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#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

|   |       |       |
|---|-------|-------|
| CSA  |       |       |
|   | B     | C     |
| mm <sup>2</sup> /AWG/kcmil  | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>  | 20 A  | 20 A  |

## Plug - SP-H 2,5/11 - 3210716

### Approvals

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

UL Recognized

|                                | B     | C     |
|--------------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 26-12 | 26-12 |
| Nominal current I <sub>N</sub> | 20 A  | 20 A  |
| Nominal voltage UN             | 300 V | 300 V |

cUL Recognized

|                                | B     | C     |
|--------------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 26-12 | 26-12 |
| Nominal current I <sub>N</sub> | 20 A  | 20 A  |
| Nominal voltage UN             | 300 V | 300 V |

EAC

cULus Recognized

### Accessories

#### Accessories

#### Cable housing

Cable housing - PH 2,5/11 - 3209772



Cable housing, Length: 19.9 mm, Width: 57.2 mm, Height: 36.8 mm, Number of positions: 11, Color: gray

Cable housing - PH 2,5/12 - 3209785



Cable housing, Length: 19.9 mm, Width: 62.4 mm, Height: 36.8 mm, Number of positions: 12, Color: gray

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### Accessories

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#### Cable housing - PH 2,5/13 - 3209798



Cable housing, Length: 19.9 mm, Width: 67.6 mm, Height: 36.8 mm, Number of positions: 13, Color: gray

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#### Cable housing - PH 2,5/14 - 3209808



Cable housing, Length: 19.9 mm, Width: 72.8 mm, Height: 36.8 mm, Number of positions: 14, Color: gray

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#### Cable housing - PH 2,5/15 - 3209811



Cable housing, Length: 19.9 mm, Width: 78 mm, Height: 36.8 mm, Number of positions: 15, Color: gray

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### End cover

#### Flange cover - DF-SP-H 2,5 - 3209824



Flange cover, Length: 35.8 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray

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### Flange

#### Flange cover - DFS-SP-H 2,5 - 3061431



Flange cover, Length: 35.8 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray

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### Insulating sleeve

## Plug - SP-H 2,5/11 - 3210716

### 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 - SP-H 2,5/11 - 3210716

### 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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Insulating sleeve - ISH 2,5/0,2 - 3002843



Insulating sleeve, Color: white

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Insulating sleeve - ISH 2,5/0,5 - 3002856



Insulating sleeve, Color: gray

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Insulating sleeve - ISH 2,5/1,0 - 3002869



Insulating sleeve, Color: black

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### Mounting material

## Plug - SP-H 2,5/11 - 3210716

### Accessories

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

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Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

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Latching - PRT/2 - 3040631



Latching, can only be released using a screwdriver, Number of positions: 2, Color: orange

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Latching - PRZ - 3040614



Latching, Length: 3 mm, Width: 5.2 mm, 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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## Plug - SP-H 2,5/11 - 3210716

### Accessories

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

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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### Drawings

Circuit diagram

