

## Plug - PP-H 2,5/ 4 - 3209895

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Plug, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 20.8 mm, Height: 40.2 mm, Color: gray

The illustration shows 6-position versions

### Product Features

- Large-surface labeling option
- The Push-in technology COMBI plugs for self-assembly provide solutions that users can implement themselves
- Tested for railway applications



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 13.6 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### General

|                                        |                                                           |
|----------------------------------------|-----------------------------------------------------------|
| Number of levels                       | 1                                                         |
| Number of connections                  | 1                                                         |
| Nominal cross section                  | 2.5 mm <sup>2</sup>                                       |
| Color                                  | gray                                                      |
| Insulating material                    | PA                                                        |
| Flammability rating according to UL 94 | V0                                                        |
| Area of application                    | Railway industry                                          |
|                                        | Machine building                                          |
|                                        | Plant engineering                                         |
| Maximum load current                   | 24 A (with a 2.5 mm <sup>2</sup> conductor cross section) |

## Plug - PP-H 2,5/ 4 - 3209895

### Technical data

#### General

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Rated surge voltage            | 6 kV                                                  |
| Degree of pollution            | 3                                                     |
| Overvoltage category           | III                                                   |
| Insulating material group      | I                                                     |
| 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                                                 |
| Open side panel                | No                                                    |

#### Dimensions

|        |          |
|--------|----------|
| Width  | 20.8 mm  |
| Length | 15.8 mm  |
| Height | 40.2 mm  |
|        | 24.00 mm |
| Pitch  | 5.20 mm  |

#### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Connection method                                                                       | Push-in connection   |
| Connection in acc. with standard                                                        | IEC 61984            |
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 12                   |
| Conductor cross section flexible min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 2.5 mm <sup>2</sup>  |
| Min. AWG conductor cross section, flexible                                              | 26                   |
| Max. AWG conductor cross section, flexible                                              | 14                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, 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>  |
| Stripping length                                                                        | 8 mm ... 10 mm       |
| Internal cylindrical gage                                                               | A3                   |

#### Standards and Regulations

|                                  |           |
|----------------------------------|-----------|
| Connection in acc. with standard | CSA       |
|                                  | IEC 61984 |

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### Technical data

#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### 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

CSA / LR / RS / ABS / NK / UL Recognized / cUL Recognized / BV / EAC / EAC / cULus Recognized

#### Ex Approvals

## Plug - PP-H 2,5/ 4 - 3209895

### Approvals

Approvals submitted

#### Approval details

| CSA  |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
|                                                                                       | B     | C     |
| mm²/AWG/kcmil                                                                         | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                        | 20 A  | 20 A  |
| Nominal voltage U <sub>N</sub>                                                        | 300 V | 300 V |

|    |
|----|
| LR |
|----|

|    |
|----|
| RS |
|----|

|     |
|-----|
| ABS |
|-----|

|    |
|----|
| NK |
|----|

| UL Recognized  |       |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                   | B     | C     | D     |
| mm²/AWG/kcmil                                                                                     | 26-12 | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                                    | 20 A  | 20 A  | 5 A   |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 300 V | 600 V |

| cUL Recognized  |       |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                    | B     | C     | D     |
| mm²/AWG/kcmil                                                                                      | 26-12 | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                                     | 20 A  | 20 A  | 5 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V | 600 V |

|    |
|----|
| BV |
|----|

## Plug - PP-H 2,5/ 4 - 3209895

### Approvals

EAC

EAC

cULus Recognized  US

### Accessories

#### Accessories

#### Cable housing

Cable housing - PH 2,5/ 2 - 3209691



Cable housing, Pitch: 10.4 mm, Length: 19.9 mm, Width: 10.4 mm, Height: 36.8 mm, Number of positions: 2, Color: gray

Cable housing - PH 2,5/ 3 - 3209701



Cable housing, Pitch: 15.6 mm, Length: 19.9 mm, Width: 15.6 mm, Height: 36.8 mm, Number of positions: 3, Color: gray

Cable housing - PH 2,5/ 4 - 3209714



Cable housing, Pitch: 20.8 mm, Length: 19.9 mm, Width: 20.8 mm, Height: 36.8 mm, Number of positions: 4, Color: gray

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### Accessories

#### Cable housing - PH 2,5/ 5 - 3209727



Cable housing, Pitch: 26 mm, Length: 19.9 mm, Width: 26 mm, Height: 36.8 mm, Number of positions: 5, Color: gray

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#### Cable housing - PH 2,5/ 6 - 3209730



Cable housing, Pitch: 31.2 mm, Length: 19.9 mm, Width: 31.2 mm, Height: 36.8 mm, Number of positions: 6, Color: gray

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#### Cable housing - PH 2,5/ 7 - 3209743



Cable housing, Pitch: 36.4 mm, Length: 19.9 mm, Width: 36.4 mm, Height: 36.8 mm, Number of positions: 7, Color: gray

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#### Cable housing - PH 2,5/ 8 - 3209756



Cable housing, Pitch: 41.6 mm, Length: 19.9 mm, Width: 41.6 mm, Height: 36.8 mm, Number of positions: 8, Color: gray

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#### Cable housing - PH 2,5/ 9 - 3209507



Cable housing, Pitch: 46.8 mm, Length: 19.9 mm, Width: 46.8 mm, Height: 36.8 mm, Number of positions: 9, Color: gray

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## Plug - PP-H 2,5/ 4 - 3209895

### Accessories

#### Cable housing - PH 2,5/10 - 3209769



Cable housing, Pitch: 52 mm, Length: 19.9 mm, Width: 52 mm, Height: 36.8 mm, Number of positions: 10, Color: gray

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#### Cable housing - PH 2,5/11 - 3209772



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

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#### Cable housing - PH 2,5/12 - 3209785



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

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



Cable housing, Pitch: 67.6 mm, 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, Pitch: 72.8 mm, Length: 19.9 mm, Width: 72.8 mm, Height: 36.8 mm, Number of positions: 14, Color: gray

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## Plug - PP-H 2,5/ 4 - 3209895

### Accessories

Cable housing - PH 2,5/15 - 3209811



Cable housing, Pitch: 78 mm, 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

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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### Accessories

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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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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## Plug - PP-H 2,5/ 4 - 3209895

### Accessories

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

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

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### Accessories

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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### Screwdriver tools

Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

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### Shield connection

Shield connection clip - PSH 3- 6 - 3040591



Shield connection clip, Color: black

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### Accessories

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Shield connection clip - PSH 5-10 - 3040601



Shield connection clip, Color: black

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### Strain relief

Strain relief - PZ/2 - 3040627



Strain relief, Number of positions: 2, Color: black

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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



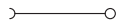
Test plugs, Color: silver

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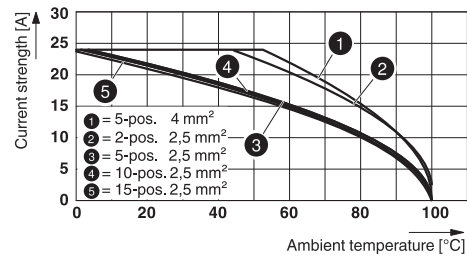
### Drawings

## Plug - PP-H 2,5/ 4 - 3209895

Circuit diagram



Diagram



## Данный компонент на территории Российской Федерации

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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