

Plug - PP-H 2,5/ 7 - 3209921

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Plug, Connection method: Push-in connection, Number of positions: 7, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 36.4 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) | 24.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|--|---|
| Number of levels | 1 |
| Number of connections | 7 |
| Nominal cross section | 2.5 mm ² |
| 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 ² conductor cross section) |

Plug - PP-H 2,5/ 7 - 3209921

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 ² 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 | 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 ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| 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 ² |
| 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 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A3 |

Standards and Regulations

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

Plug - PP-H 2,5/ 7 - 3209921

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/ 7 - 3209921

Approvals

Approvals submitted

Approval details


| CSA  | | |
|---|-------|-------|
| | B | C |
| mm ² /AWG/kcmil | 26-12 | 26-12 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 300 V | 300 V |


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

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

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

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

| UL Recognized  | | | |
|---|-------|-------|-------|
| | B | C | D |
| mm ² /AWG/kcmil | 26-12 | 26-12 | 26-12 |
| Nominal current I _N | 20 A | 20 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

| cUL Recognized  | | | |
|--|-------|-------|-------|
| | B | C | D |
| mm ² /AWG/kcmil | 26-12 | 26-12 | 26-12 |
| Nominal current I _N | 20 A | 20 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |


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

Plug - PP-H 2,5/ 7 - 3209921

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

Plug - PP-H 2,5/ 7 - 3209921

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

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

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

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

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

Plug - PP-H 2,5/ 7 - 3209921

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

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

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

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

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

Plug - PP-H 2,5/ 7 - 3209921

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

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

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

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Plug - PP-H 2,5/ 7 - 3209921

Accessories

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Plug - PP-H 2,5/ 7 - 3209921

Accessories

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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



Insulating sleeve, Color: white

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



Insulating sleeve, Color: gray

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



Insulating sleeve, Color: black

Mounting material

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

Plug - PP-H 2,5/ 7 - 3209921

Accessories

Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

Latching - PRT/2 - 3040631



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

Latching - PRZ - 3040614



Latching, Length: 3 mm, Width: 5.2 mm, Number of positions: 2, Color: orange

Screwdriver tools

Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm² - 4.0 mm² spring-cages

Shield connection

Shield connection clip - PSH 3- 6 - 3040591



Shield connection clip, Color: black

Plug - PP-H 2,5/ 7 - 3209921

Accessories

Shield connection clip - PSH 5-10 - 3040601



Shield connection clip, Color: black

Strain relief

Strain relief - PZ/2 - 3040627



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

Strain relief - PZ/4 - 3040643



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

Test plug terminal block

Test plugs - MPS-MT - 0201744

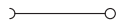


Test plugs, Color: silver

Drawings

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Circuit diagram



Diagram

