

## Plug - PP-H 2,5/10 - 3209950

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Plug, Connection method: Push-in connection, Number of positions: 10, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 52 mm, Height: 39 mm, Color: gray

The illustration shows 6-position versions

### Why buy this product

- 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	25 pc
GTIN	 4 046356 366847
Weight per Piece (excluding packing)	31.0 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	1
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

# Plug - PP-H 2,5/10 - 3209950

## 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	10

### Dimensions

Width	52 mm
Length	15.8 mm
Height	39 mm
	24.00 mm

### Connection data

Connection in acc. with standard	IEC 61984
Connection method	Push-in connection
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/kcmil min.	26
Conductor cross section AWG/kcmil max.	12
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
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

## Classifications

eCl@ss

eCl@ss 4.0	272607xx
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## Classifications

### eCl@ss

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

### 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 / GL / RS / ABS / NK / UL Recognized / cUL Recognized / BV / cUL Recognized / UL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

CSA 		
	B	C
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current IN	20 A	20 A

# Plug - PP-H 2,5/10 - 3209950

## Approvals

	B	C
Nominal voltage UN	300 V	300 V


LR
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GL
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RS
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ABS
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NK
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UL Recognized 

	B	C
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current IN	20 A	20 A
Nominal voltage UN	600 V	600 V

cUL Recognized 

	B	C
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current IN	20 A	20 A
Nominal voltage UN	600 V	600 V

BV
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cUL Recognized 

	B	C	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	26-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

# Plug - PP-H 2,5/10 - 3209950

## Approvals

UL Recognized			
	B	C	D
mm <sup>2</sup> /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

EAC
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cULus Recognized
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## Accessories

### Accessories

#### Cable housing

Cable housing - PH 2,5/ 2 - 3209691



Cable housing, 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, 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, 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, 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, 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, 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, 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, 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 2,5/10 - 3209950

### Accessories

Cable housing - PH 2,5/10 - 3209769



Cable housing, 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, 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, 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, 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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## Plug - PP-H 2,5/10 - 3209950

### Accessories

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

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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## Plug - PP-H 2,5/10 - 3209950

### 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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## Plug - PP-H 2,5/10 - 3209950

### Accessories

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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Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

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## Plug - PP-H 2,5/10 - 3209950

### Accessories

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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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

# Plug - PP-H 2,5/10 - 3209950

## Accessories

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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## Drawings

### Circuit diagram



### Schematic diagram

