

Plug - PP-H 2,5/1-M BU - 3210101

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: blue

Image shows the version in gray

Product Description

Connector element center, left housing with engagement pin, right opened without cover

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

package_quantity	50
GTIN	4046356333511

Technical data

General

Number of levels	1
Number of connections	1
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

General

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
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

Plug - PP-H 2,5/1-M BU - 3210101

Technical data

General

Open side panel	nein
Number of positions	1

Dimensions

Width	5.2 mm
Length	15.8 mm
Height	39 mm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	2.5 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, 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
Connection method	Push-in 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
eCl@ss 6.0	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897

Plug - PP-H 2,5/1-M BU - 3210101

classifications

ETIM

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

CSA / GL / RS / ABS / UL Recognized / cUL Recognized / BV / cULus Recognized /

Approval details

CSA 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	26-12	26-12

GL

RS

ABS

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm ² /AWG/kcmil	26-12	26-12

cUL Recognized 
--

Plug - PP-H 2,5/1-M BU - 3210101

approvals

Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	26-12	26-12

BV

cULus Recognized  US

accessories

Strain relief

PZ/2 - 3040627



PZ/4 - 3040643



Mounting material

PR - 3040559



Plug - PP-H 2,5/1-M BU - 3210101

accessories

PR/2 - 3040630



PRZ - 3040614



Shield connection

PSH 3- 6 - 3040591



PSH 5-10 - 3040601



End cover

DF-SP-H 2,5 - 3209824



Cable housing

Plug - PP-H 2,5/1-M BU - 3210101

accessories

PH 2,5/ 2 - 3209691



PH 2,5/ 3 - 3209701



PH 2,5/ 4 - 3209714



PH 2,5/ 5 - 3209727



PH 2,5/ 6 - 3209730



PH 2,5/ 7 - 3209743



Plug - PP-H 2,5/1-M BU - 3210101

accessories

PH 2,5/ 8 - 3209756



PH 2,5/ 9 - 3209507



PH 2,5/10 - 3209769



PH 2,5/11 - 3209772



PH 2,5/12 - 3209785



Plug - PP-H 2,5/1-M BU - 3210101

accessories

PH 2,5/13 - 3209798



PH 2,5/14 - 3209808



PH 2,5/15 - 3209811



Flange

DFS-SP-H 2,5 - 3061431



Test plug terminal block

MPS-MT - 0201744



Insulating sleeve

Plug - PP-H 2,5/1-M BU - 3210101

accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



Plug - PP-H 2,5/1-M BU - 3210101

accessories

MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



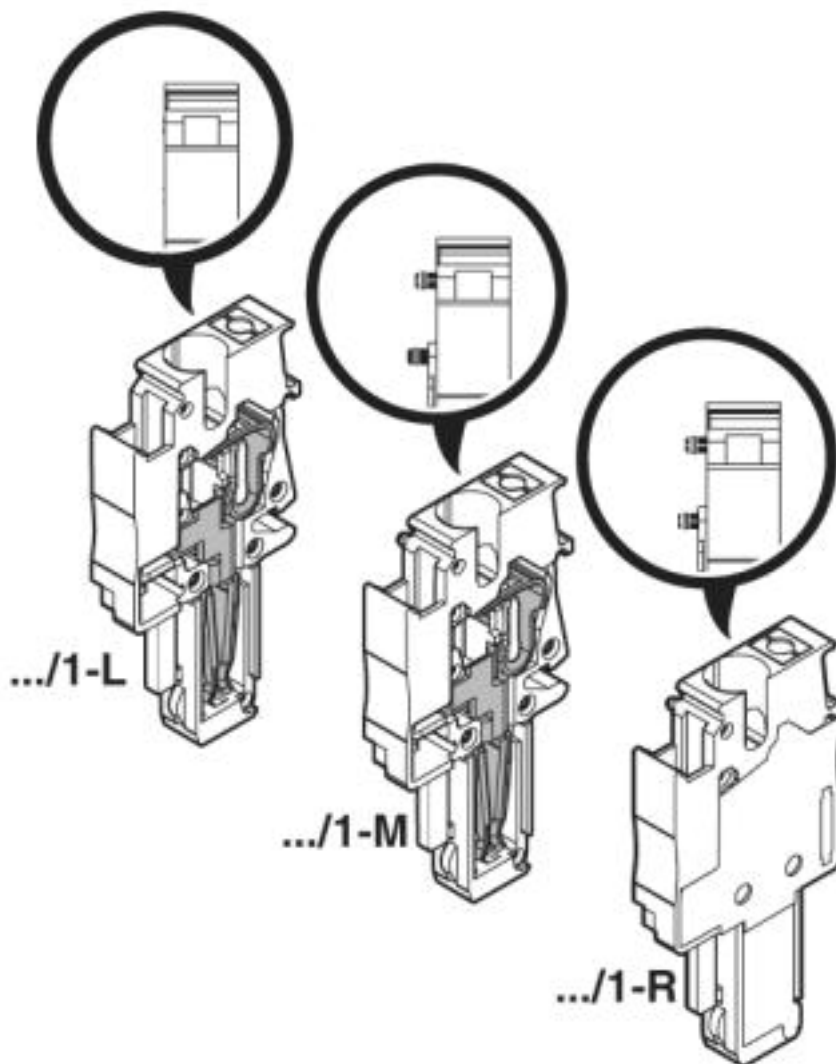
Drawings

Circuit diagram



Plug - PP-H 2,5/1-M BU - 3210101

Schematic diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>