

Plug - PP-H 1,5/S/1-R GNYE - 3212730

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://phoenixcontact.com/download>)



Plug, Connection method: Push-in connection, Number of connections: 1, Number of positions: 1, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 31.3 mm, Color: green-yellow

The figure shows a version of the article

Product Description

Connector element right, left housing with engagement pin, right closed with cover

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

RoHS

Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 564847
GTIN	4046356564847
Weight per Piece (excluding packing)	2.030 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Number of positions	1
Number of levels	1
Number of connections	1
Potentials	1
Nominal cross section	1.5 mm ²
Color	green-yellow

Plug - PP-H 1,5/S/1-R GNYE - 3212730

Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.56 W
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Nominal current I _N	17.5 A (observe derating)
Nominal voltage U _N	500 V
Open side panel	Yes
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions

Width	3.5 mm
Length	16.5 mm
Height	31.3 mm
	19.5 mm
Pitch	3.5 mm

Connection data

Connection method	Push-in connection
-------------------	--------------------

Plug - PP-H 1,5/S/1-R GNYE - 3212730

Technical data

Connection data

Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 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.	1.5 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.	1 mm ²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 61984
Flammability rating according to UL 94	V0

Environmental Product Compliance

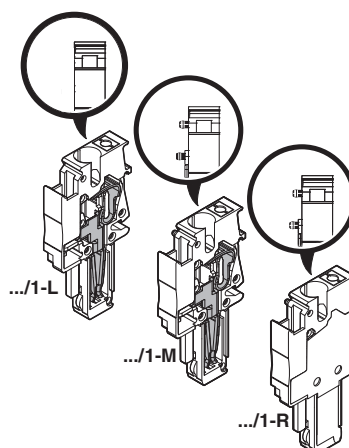
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



Schematic diagram



Plug - PP-H 1,5/S/1-R GNYE - 3212730

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / GL / CSA / LR / EAC / NK / BV / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D	
mm²/AWG/kcmil	26-14	26-14	26-14	
Nominal current I _N	15 A	15 A	5 A	
Nominal voltage U _N	300 V	300 V	600 V	

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D	
mm²/AWG/kcmil	26-14	26-14	26-14	
Nominal current I _N	15 A	15 A	5 A	
Nominal voltage U _N	300 V	300 V	600 V	

VDE Gutachten mit Fertigungsüberwachung			http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40034766
mm²/AWG/kcmil	0.14-1.5			
Nominal voltage U _N	500 V			

IECEE CB Scheme			http://www.iecee.org/	DE1-50172
mm²/AWG/kcmil	0.14-1.5			
Nominal voltage U _N	500 V			

Plug - PP-H 1,5/S/1-R GNYE - 3212730

Approvals

GL		http://exchange.dnv.com/tari/	2040111 HH
----	---	---	------------

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	C	D
mm²/AWG/kcmil	26-14	26-14	26-14
Nominal current I _N	15 A	15 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

LR		http://www.lr.org/en	12/20038 (E2)
----	---	---	---------------

EAC			EAC-Zulassung
-----	---	--	---------------

NK		http://www.classnk.or.jp/hp/en/	14ME0912
----	---	---	----------

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	39979/A0 BV
----	---	---	-------------

EAC			7500651.22.01.00246
-----	---	--	---------------------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
------------------	---	---	--