

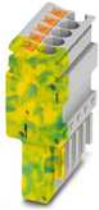
# Plug - PP-H 2,5/5 (1GNYE/4GY)



1035931

<https://www.phoenixcontact.com/de/produkte/1035931>

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 documentation. Our General Terms of Use for Downloads are valid.



Plug, nom. voltage: 500 V, nominal current: 24 A, connection method: Push-in connection, 1 level, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

## Your advantages

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

## Commercial Data

Item number	1035931
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	A1 - Reihenklemmen
Product Key	BE2244
GTIN	4055626542065
Weight per Piece (including packing)	16,84 g
Weight per Piece (excluding packing)	16,84 g
Customs tariff number	85366990
Country of origin	PL

# Plug - PP-H 2,5/5 (1GNYE/4GY)



1035931

<https://www.phoenixcontact.com/de/produkte/1035931>

## Technical Data

### Product properties

Product type	Terminal plug
Number of positions	5
Pitch	5.2 mm
Number of connections	4
Number of rows	1
Potentials	5

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W

### Connection data

Number of connections per level	4
Nominal cross section	2.5 mm <sup>2</sup>

#### 1 level

Stripping length	10 mm
Internal cylindrical gage	A3
Conductor cross section solid	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	26 ... 12
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup>
Nominal current	24 A
Maximum load current	24 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage	500 V
Nominal cross section	2.5 mm <sup>2</sup>

#### 1 level Connection cross sections directly pluggable

Conductor cross section solid	0.34 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

## Dimensions

# Plug - PP-H 2,5/5 (1GNYE/4GY)



1035931

<https://www.phoenixcontact.com/de/produkte/1035931>

Width	25.8 mm
Height	40.2 mm
Length	15.8 mm
Pitch	5.2 mm

## Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	No
-----------------	----

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

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

## Mounting

Mounting type	Plug-in mounting
---------------	------------------

# Plug - PP-H 2,5/5 (1GNYE/4GY)

1035931

<https://www.phoenixcontact.com/de/produkte/1035931>



## Drawings

### Circuit diagram



# Plug - PP-H 2,5/5 (1GNYE/4GY)



1035931

<https://www.phoenixcontact.com/de/produkte/1035931>

## Approvals

**DNV**

Approval ID: TAE00003JE



**EAC**

Approval ID: RU C-DE.BL08.B.00511



**RS**

Approval ID: 17.00013.272

# Plug - PP-H 2,5/5 (1GNYE/4GY)



1035931

<https://www.phoenixcontact.com/de/produkte/1035931>

## Classifications

### ECLASS

ECLASS-9.0	27141151
ECLASS-10.0.1	27141151
ECLASS-11.0	27141151

### ETIM

ETIM 8.0	EC002021
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# Plug - PP-H 2,5/5 (1GNYE/4GY)



1035931

<https://www.phoenixcontact.com/de/produkte/1035931>

## Environmental Product Compliance

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

Phoenix Contact 2022 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 52 35/3-1 20 00  
[info@phoenixcontact.de](mailto:info@phoenixcontact.de)