

# PATG HF 2/12 - Conductor marker carrier



1014051

<https://www.phoenixcontact.com/us/products/1014051>

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.



Conductor marker carrier, Mixed color, unmarked, cable diameter range: 2 ... 4 mm, mounting type: slide-on, text field height: 4 mm, text field width: 10 mm

## Your advantages

- The PATG HF... sleeve is a captive marker carrier
- These conductor marking systems consist of marker carriers and insert labels
- Comprehensive approvals ensure international use
- The use of high-quality plastics supports the most stringent demands of the rail industry and the automotive industry
- The corresponding UCT-WMT... and UC-WMT... insert labels are used for marking
- Due to the plastic properties of the PATG HF..., high-quality fluid printing of the UC-WMT... with the BLUEMARK... is required

## Commercial data

Item number	1014051
Packing unit	1,000 pc
Minimum order quantity	1,000 pc
Sales key	BG12
Product key	BG221A
GTIN	4046356779388
Weight per piece (including packing)	0.229 g
Weight per piece (excluding packing)	0.231 g
Customs tariff number	39269097
Country of origin	DE

1014051

<https://www.phoenixcontact.com/us/products/1014051>

## Technical data

### Product properties

Product type	Marker carriers
--------------	-----------------

### Dimensions

Width	12 mm
Height	6.1 mm
Depth	7.2 mm

### Text field

Text field width	10 mm
Text field height	4 mm

### Material specifications

Color	multicolored (RAL -)
	transparent
	black (RAL 9005)
Material	TPU
Base element material	TPU
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 2
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
Components	free from silicone, halogen, and cadmium

### Cable/line

External cable diameter	2 mm ... 4 mm
-------------------------	---------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %

#### Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364-A1-L:2018-05
Result	Test passed

#### UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

# PATG HF 2/12 - Conductor marker carrier



1014051

<https://www.phoenixcontact.com/us/products/1014051>

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 100 °C (121 °C)	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Gasoline [CAS No. 64742-49-0]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	Test passed

## Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN EN ISO 22479:2022-08
Result	Test passed
Procedure	Method B
Cycles	2

## Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

## Standards and regulations

### Standards

Standards/regulations	EN 45545-2
-----------------------	------------

## Mounting

Mounting type	slide-on
---------------	----------

# PATG HF 2/12 - Conductor marker carrier



1014051

<https://www.phoenixcontact.com/us/products/1014051>

## Classifications

### ECLASS

ECLASS-13.0	27281105
ECLASS-15.0	27281105

### ETIM

ETIM 10.0	EC002248
-----------	----------

### UNSPSC

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

# PATG HF 2/12 - Conductor marker carrier



1014051

<https://www.phoenixcontact.com/us/products/1014051>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	0.004 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)