

# UCT-WMCO 4,7 (12X4) YE CUS - Wire marking



0831218

<https://www.phoenixcontact.com/us/products/0831218>

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.

Wire marking, Sheet, can be ordered: by sheet, yellow (RAL 1018), labeled according to customer specifications, cable diameter range: 4.1 ... 4.7 mm, mounting type: clip on, Number of individual labels: 32, text field height: 4 mm, text field width: 12 mm



## Your advantages

- The UCT-WMCO ... UniCard labeling range includes markers for the subsequent labeling of conductors by simply snapping on
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications
- Secure tight fit even in the event of vibrations
- The format automatically ensures printing with a high degree of positioning accuracy
- Large-surface labeling option in a space-saving design

## Commercial data

Item number	0831218
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8128
GTIN	4055626006987
Weight per piece (including packing)	9.99 g
Weight per piece (excluding packing)	9.99 g
Country of origin	PL

## Technical data

### Product properties

Product type	Conductor marker
--------------	------------------

### Marking

Number of individual labels	32
Slot type	Card form
Identification technology	Thermotransfer, UV-LED-Technologie, Laserdirektbeschriftung

### Dimensions

Width	4 mm
Length	12 mm

### Text field

Text field width	12 mm
Text field height	4 mm

### Material specifications

Color	yellow (RAL 1018)
Flammability rating according to UL 94	V0
Base element material	PC
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
Components	free from silicone, halogen, and cadmium

### Cable/line

External cable diameter	4.1 mm ... 4.7 mm
-------------------------	-------------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)

#### 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

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

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

## Scratch resistance

Specification	EN ISO 1518-1:2023 (following)
Requirements	≥ 5 N
Result	Test passed

## Tesafilm test

Specification	DIN EN ISO 2409:2020-12 (following)
Result	Test passed

## UV resistance

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

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. - ]	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	EN ISO 22479:2022-06
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

# UCT-WMCO 4,7 (12X4) YE CUS - Wire marking



0831218

<https://www.phoenixcontact.com/us/products/0831218>

## Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
-----------------	-----------------------------

## Standards

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

## Mounting

Mounting type	clip on
---------------	---------

# UCT-WMCO 4,7 (12X4) YE CUS - Wire marking



0831218

<https://www.phoenixcontact.com/us/products/0831218>

## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 10.0	EC001530
-----------	----------

### UNSPSC

UNSPSC 21.0	39131500
-------------	----------

# UCT-WMCO 4,7 (12X4) YE CUS - Wire marking



0831218

<https://www.phoenixcontact.com/us/products/0831218>

## 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	0.058 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)