

# UC-WMCO 2,1 (12X3) OG - Conductor marker



0827541

<https://www.phoenixcontact.com/us/products/0827541>

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, Sheet, orange (RAL 2003), unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, cable diameter range: 1.6 ... 2.1 mm, mounting type: slide-on, Number of individual labels: 40, text field height: 3 mm, text field width: 12 mm

## Your advantages

- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK printing systems
- The UC-WMCO ... UniCard labeling range includes thread-on markers for the subsequent labeling of conductors by simply sliding them on using the UC-WMCO ... TOOL
- The format automatically ensures printing with a high degree of positioning accuracy
- Secure tight fit even in the event of vibrations
- Large-surface labeling option in a space-saving design
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications

## Commercial data

Item number	0827541
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	BG2217
GTIN	4046356440271
Weight per piece (including packing)	8.4 g
Weight per piece (excluding packing)	7.2 g
Country of origin	PL

# UC-WMCO 2,1 (12X3) OG - Conductor marker



0827541

<https://www.phoenixcontact.com/us/products/0827541>

## Technical data

### Product properties

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

### Marking

Number of individual labels	40
Number of individual labels per row	10
Identification technology	UV LED technology

### Dimensions

Width	3 mm
Length	12 mm

### Text field

Text field width	12 mm
Text field height	3 mm

### Material specifications

RoHS compliant	yes
Color	orange (RAL 2003)
Material	PA
Flammability rating according to UL 94	V2
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	120 °C
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 2
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 2
Components	free from silicone and halogen

### Cable/line

External cable diameter	1.6 mm ... 2.1 mm
-------------------------	-------------------

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 120 °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)	VW PV 3.10.7:2005-02
Result	Test passed

#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
---------------	--------------------------------

# UC-WMCO 2,1 (12X3) OG - Conductor marker



0827541

<https://www.phoenixcontact.com/us/products/0827541>

Result	Test passed
Test duration	96 h

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 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

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

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed

## Standards and regulations

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

## Mounting

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

# UC-WMCO 2,1 (12X3) OG - Conductor marker



0827541

<https://www.phoenixcontact.com/us/products/0827541>

## Classifications

### ECLASS

ECLASS-13.0

27281102

### ETIM

ETIM 9.0

EC001530

### UNSPSC

UNSPSC 21.0

39131500

# UC-WMCO 2,1 (12X3) OG - Conductor marker



0827541

<https://www.phoenixcontact.com/us/products/0827541>

## 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%
-------------------------------------	----------------------------

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)