

# UC-EMSP (50X30) CUS - Device marker



0829106

<https://www.phoenixcontact.com/us/products/0829106>

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.

Device marker, can be ordered: by sheet, white (RAL 9010), labeled according to customer specifications, mounting type: screw, rivet, Number of individual labels: 3, text field height: 30 mm, text field width: 50 mm



## Your advantages

- The UC-EMSP ... UniCard labeling range includes markers that can be attached using screws or rivets
- The sheets provide space for including function texts
- The format automatically ensures printing with a high degree of positioning accuracy
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications
- The wide temperature range means that the labels can be used in control cabinets as well as the field

## Commercial data

Item number	0829106
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8147
GTIN	4046356539630
Weight per piece (including packing)	11.4 g
Weight per piece (excluding packing)	11.4 g
Country of origin	PL

## Technical data

### Product properties

Product type	Device marker
--------------	---------------

### Marking

Number of individual labels	3
Number of individual labels per row	1
Identification technology	UV LED technology

### Dimensions

Width	60.00 mm
Height	30.00 mm
Depth	1.20 mm
Length	30 mm

### Text field

Text field width	50 mm
Text field height	30 mm

### Material specifications

Color	white (RAL 9010)
Material	PA
Flammability rating according to UL 94	V2
Base element material	PA
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

### 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 % (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

# UC-EMSP (50X30) CUS - Device marker



0829106

<https://www.phoenixcontact.com/us/products/0829106>

## 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.

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 125 °C (150 °C)	Test passed

## 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
Acetone (99 %) [CAS No. 67-64-1]	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
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	EN ISO 22479:2022-06
---------------	----------------------

# UC-EMSP (50X30) CUS - Device marker



0829106

<https://www.phoenixcontact.com/us/products/0829106>

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

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

## Standards

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

## Mounting

Mounting type	screw, rivet
---------------	--------------

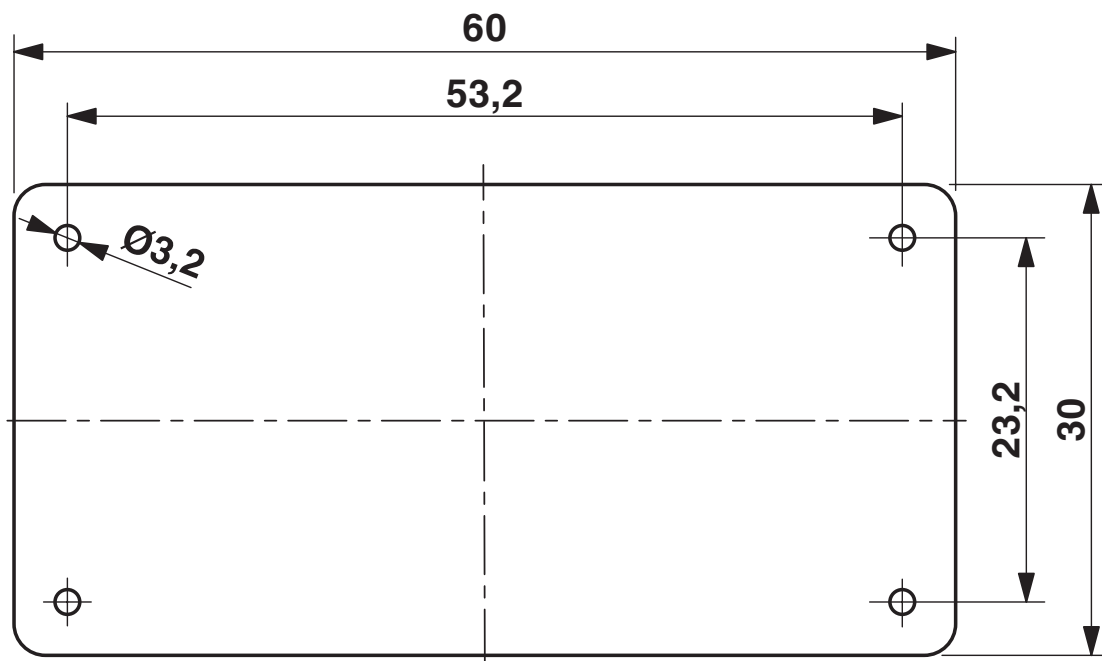
# UC-EMSP (50X30) CUS - Device marker

0829106

<https://www.phoenixcontact.com/us/products/0829106>

## Drawings

### Dimensional drawing



# UC-EMSP (50X30) CUS - Device marker



0829106

<https://www.phoenixcontact.com/us/products/0829106>

## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

ETIM 10.0	EC001288
-----------	----------

### UNSPSC

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

# UC-EMSP (50X30) CUS - Device marker



0829106

<https://www.phoenixcontact.com/us/products/0829106>

## 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	0.093 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)