

# LS-EMLP-AL (49X15) CUS - Device marker



0831868

<https://www.phoenixcontact.com/us/products/0831868>

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Device marker, Aluminum label, can be ordered: Piece, labeled according to customer specifications, mounting type: adhesive, Number of individual labels: 24, text field height: 15 mm, text field width: 49 mm



## Your advantages

- Aluminum equipment marking for sticking on
- Identification made from metal, high strength in a lightweight design
- Increased durability due to the decoratively anodized surface

## Commercial data

Item number	0831868
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG814D
GTIN	4046356930192
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	Device marker
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### Marking

Number of individual labels	24
Identification technology	Direct laser marking

### Dimensions

Width	48.70 mm
Height	14.80 mm
Depth	1.05 mm
Length	14.8 mm

### Text field

Text field width	49 mm
Text field height	15 mm

### Material specifications

Foil strength	800 µm
Adhesive strength	250 µm
Adhesive	Acrylic
Color	aluminum color
Base element material	Aluminum
Components	free from silicone, halogen, and cadmium

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 120 °C (At temperatures above 80 °C there might be a slight change to the material surface)
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)	VW PV 3.10.7:2005-02
Result	Test passed

#### UV resistance

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

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## 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 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

## High pressure test

Specification	ISO 20653:2013-02
Result	Test passed
IP-Code	IP X9K

## Mounting

Mounting type	adhesive
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## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

ETIM 10.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)