

# LS-EMLP-AL (60X30) OG - Device marker



0831602

<https://www.phoenixcontact.com/us/products/0831602>

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Device marker, Aluminum label, orange, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, lettering field size: 60 x 30 mm, Number of individual labels: 10



## 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	0831602
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG19
Product key	BG241D
Catalog page	Page 293 (C-3-2017)
GTIN	4046356925594
Weight per piece (including packing)	77.78 g
Weight per piece (excluding packing)	77.78 g
Customs tariff number	76169990
Country of origin	CN

## Technical data

### Product properties

Product type	Device marking
Type	Laser sheet

### Marking

Number of individual labels	10
Identification technology	Direct laser marking

### Mounting

Mounting type	adhesive
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### Material specifications

RoHS compliant	yes
Adhesive strength	250 µm
Adhesive	Acrylic
Color	orange
Material	Aluminum
Components	free from silicone, halogen, and cadmium

### Environmental and real-life conditions

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

Result	Test passed
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#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
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)
Isopropyl [CAS No. 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

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## Salt spray test

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

## Salt spray test

Specification	ISO 9227:2012-05
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	12 months

## Dimensions

Width	59.7 mm
Length	29.8 mm
Material strength	0.80 mm

## Standards and regulations

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

### ECLASS

ECLASS-11.0	27281103
ECLASS-12.0	27281103
ECLASS-13.0	27281103

### ETIM

ETIM 9.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131500
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