

LS-EMLP-AL (27X18) - Device marker



0831581

<https://www.phoenixcontact.com/gb/products/0831581>

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Device marker, Aluminum label, aluminum color, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 35, text field height: 18 mm, text field width: 27 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	0831581
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG241D
Product key	BG241D
Catalog page	Page 287 (C-3-2019)
GTIN	4046356925334
Weight per piece (including packing)	76.348 g
Weight per piece (excluding packing)	76.348 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	35
Identification technology	Direct laser marking

Mounting

Mounting type	adhesive
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Material specifications

Foil strength	800 µm
Adhesive strength	250 µm
Adhesive	Acrylic
Color	aluminum color
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
Test duration	96 h

High pressure test

Specification	ISO 20653:2013-02
Result	Test passed

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)
Shelf life	1 Year

Dimensions

Width	27 mm
Length	17.6 mm
Material strength	0.80 mm

Text field

Text field width	27 mm
Text field height	18 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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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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