

LS-EMLP-AL (45X25) - Device marker

1689499

<https://www.phoenixcontact.com/gb/products/1689499>



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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	1689499
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG241D
Product key	BG241D
GTIN	4067923249547
Weight per piece (including packing)	88.88 g
Weight per piece (excluding packing)	64.2 g
Customs tariff number	76169990
Country of origin	CN

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Technical data

Product properties

Product type	Device marking
Type	Laser sheet

Marking

Number of individual labels	18
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	45 mm
Length	25 mm
Material strength	0.80 mm

Text field

Text field width	45 mm
Text field height	25 mm

Standards and regulations

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

ECLASS

ECLASS-13.0	27281103
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ETIM

ETIM 9.0	EC001288
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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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