

LS-EMSP-AL (75,6X54) - Device marker



0831618

<https://www.phoenixcontact.com/in/products/0831618>

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Device marker, Aluminum label, aluminum color, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: screw, rivet, lettering field size: 75.6 x 54 mm, Number of individual labels: 6



Your advantages

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

Commercial Data

Item number	0831618
Packing unit	5 pc
Minimum order quantity	5 pc
Sales Key	BG2
Product Key	BG241D
Catalog Page	Page 283 (C-3-2019)
GTIN	4046356925679
Weight per Piece (including packing)	105.2 g
Weight per Piece (excluding packing)	105.2 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	6
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Marking technology

Device	1012015 TOPMARK NEO
Printability	Direct laser marking

Mounting

Mounting type	screw, rivet
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Material specifications

RoHS compliant	yes
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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Test for substances that would hinder coating with paint or varnish

Result	Test passed
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Scratch test for the determining scratch resistance

Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
Result	Test passed

Tesafilem test

Specification	DIN EN ISO 2409:2013 (following)
Result	Test passed

UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

Weathering-resistance

Specification	ISO 4892-2:2013-03
Result	Test passed

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Test duration	500 h
Procedure	A

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 225 °C (250 °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)
Specification	ISO 175:2010 (following)
Test duration	168 h

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

Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed
Test duration	96 h

Salt spray test

Specification	ISO 9227:2012-05
Result	Test passed
Test duration	336 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 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 %

Dimensions

Width	85.6 mm
Length	53.7 mm
Hole diameter	3.20 mm
Material strength	0.80 mm