EMP-AL (85,6X54) - Equipment marking

0830797

https://www.phoenixcontact.com/us/products/0830797

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Equipment marking, Aluminum label, aluminum color, unlabeled, can be labeled with: BLUEMARK ID, BLUEMARK ID COLOR, BLUEMARK CLED, mounting type: snapped, lettering field size: 85.6 x 54 mm, Number of individual labels: 1

Product description

Note:
Due to the current challenges of the global procurement market, Phoenix Contact has unfortunately been forced to accept an aluminum alloy material quality that may cause the appearance to deviate from the homogenous surface quality that was previously expected. This has no impact on the quality of the aluminum labels themselves or the durability of the printing. The effect is purely visual.

Your advantages

• The markers can be marked quickly, easily, and inexpensively with the BLUEMARK CLED

• Aluminum equipment marking for snapping into marker carriers

• Identification made from metal, high strength in a lightweight design

• Increased durability due to the decoratively anodized surface

Commercial data

Item number	0830797
Packing unit	15 pc
Minimum order quantity	15 pc
Sales key	BG18
Product key	BG241B
Catalog page	Page 297 (C-3-2019)
GTIN	4046356780247
Weight per piece (including packing)	10.54 g
Weight per piece (excluding packing)	10.62 g
Customs tariff number	76169990
Country of origin	DE

Technical data

Product properties

Product type	Device marking

Marking

Number of individual labels	1
Number of individual labels per row	1
Identification technology	UV LED technology

Mounting

Mounting type	snapped

Material specifications

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

Test for substances that would hinder coating with paint or varnish

Result	Test passed

Scratch test for the determining scratch resistance

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

Tesafilm 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

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °C)	Test passed
Specification	ISO 175:2010 (following)
Test duration	168 h

Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	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

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 (> +80 °C slight changes of the material surface possible)
Recommended ambient temperature (storage/transport)	5 °C ... 25 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	2 years

Dimensions

Width	85.6 mm
Length	54 mm

Standards and regulations

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

Classifications

ECLASS

ECLASS-11.0	27281106
ECLASS-12.0	27281106
ECLASS-13.0	27281106

ETIM

ETIM 9.0	EC001530

UNSPSC

UNSPSC 21.0	39131700