

# LS-EML (180X180) BK-WH CUS - Device marker



0832070

<https://www.phoenixcontact.com/us/products/0832070>

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Device marker, Sheet, can be ordered: Piece, Mixed color, labeled according to customer specifications, mounting type: adhesive, Number of individual labels: 1, text field height: 180 mm, text field width: 180 mm



## Your advantages

- Laser foil, for custom label design
- The user can customize the desired size and form of the labels using the laser marker

## Commercial data

Item number	0832070
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG814D
GTIN	4046356931922
Weight per piece (including packing)	40 g
Weight per piece (excluding packing)	40 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Device marker
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### Marking

Number of individual labels	1
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### Dimensions

Width	180 mm
Length	180 mm

### Text field

Text field width	180 mm
Text field height	180 mm

### Material specifications

Foil strength	60 µm
Adhesive strength	22 µm
Adhesive	Acrylic
Color	multicolored (RAL -)
	black (RAL 9005)
	white (RAL 9010)
Material	Polyacrylate
Base element material	Polyacrylate
Components	free from silicone and halogen

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 200 °C
Recommended ambient temperature (storage/transport)	15 °C
Recommended humidity (storage/transport)	40 % ... 60 % (Storage in a dry and dark place in the original packaging is recommended)

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

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

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

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364:2018-05
Result	Test passed

#### Tesafilm test

Specification	DIN EN ISO 2409:2020-12 (following)
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Result	Test passed
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## UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

## Temperature storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
Duration	168 h
Temperature for testing	200 °C

## Temperature resistance

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

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	Test passed

## Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN EN ISO 22479:2022-08
Result	Test passed
Procedure	Method B

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Cycles	2
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## Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

## Standards and regulations

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

Mounting type	adhesive
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## Classifications

### ECLASS

ECLASS-15.0	27281103
ECLASS-13.0	27281103

### ETIM

ETIM 10.0	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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