# LS-EMLP-AL (22X22) BK - Device marker

1027217

https://www.phoenixcontact.com/us/products/1027217

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Device marker, Aluminum label, black (RAL 9005), unmarked, can be labeled with: TOPMARK LASER, TOPMARK NEO, mounting type: adhesive, Number of individual labels: 36, text field height: 22 mm, text field width: 22 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 | 1027217 |
| Packing unit | 5 pc |
| Minimum order quantity | 5 pc |
| Sales key | BG19 |
| Product key | BG241D |
| GTIN | 4055626520827 |
| Weight per piece (including packing) | 80.32 g |
| Weight per piece (excluding packing) | 77.88 g |
| Customs tariff number | 76169990 |
| Country of origin | CN |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Device marker |
| Area of application | SIEMENS: SIRIUS ACT housing |

### Marking

| | |
|---|---|
| Number of individual labels | 36 |
| Identification technology | Direct laser marking |

## Dimensions

| | |
|---|---|
| Width | 22 mm |
| Length | 22 mm |

### Text field

| | |
|---|---|
| Text field width | 22 mm |
| Text field height | 22 mm |

## Material specifications

| | |
|---|---|
| RoHS compliant | yes |
| Adhesive strength | 250 µm |
| Adhesive | Acrylic |
| Color | black (RAL 9005) |
| Base element material | Aluminum |
| Components | free from silicone, halogen, and cadmium |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Recommended ambient temperature (storage/transport) | 23 °C |
| Recommended humidity (storage/transport) | 50 % |

### 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 |

### UV resistance

| | |
|---|---|
| Specification | ISO 4892-2:2013-03 (following) |
| Result | Test passed |
| Test duration | 96 h |
| Procedure | Artificial irradiation. |

### 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<br>[CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether<br>[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 |

Salt spray test

| | |
|---|---|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result | Test passed |

Salt spray test

| | |
|---|---|
| Specification | ISO 9227:2012-05 |
| Result | Test passed |

## Standards and regulations

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

## Mounting

| | |
|---|---|
| Mounting type | adhesive |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27281103 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC001288 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39131500 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |


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