

# LS-EMSP-AL (78X18) BK - Device marker



0803988

<https://www.phoenixcontact.com/us/products/0803988>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Device marker, Aluminum label, black (RAL 9005), unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: screw, rivet, Number of individual labels: 16, text field height: 18 mm, text field width: 78 mm



## 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                          | 0803988       |
| Packing unit                         | 5 pc          |
| Minimum order quantity               | 5 pc          |
| Sales key                            | BG19          |
| Product key                          | BG241D        |
| GTIN                                 | 4055626212890 |
| Weight per piece (including packing) | 103.556 g     |
| Weight per piece (excluding packing) | 103 g         |
| Customs tariff number                | 76169990      |
| Country of origin                    | CN            |

## Technical data

### Product properties

|              |               |
|--------------|---------------|
| Product type | Device marker |
|--------------|---------------|

### Marking

|                             |                      |
|-----------------------------|----------------------|
| Number of individual labels | 16                   |
| Identification technology   | Direct laser marking |

### Dimensions

|        |          |
|--------|----------|
| Width  | 88.00 mm |
| Height | 18.00 mm |
| Depth  | 0.80 mm  |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 78 mm |
| Text field height | 18 mm |

### Material specifications

|                       |  |
|-----------------------|--|
| RoHS compliant        | yes                                      |
| 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 | DIN EN ISO 4892-2:2021-11 (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                                    |

# LS-EMSP-AL (78X18) BK - Device marker



0803988

<https://www.phoenixcontact.com/us/products/0803988>

|   |             |
|---|-------------|
| 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 EN ISO 22479:2022-08 |
| Result        | Test passed              |
| Procedure     | Method B                 |
| Cycles        | 2                        |

## Salt spray test

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

## Standards and regulations

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

## Mounting

|               |              |
|---------------|--------------|
| Mounting type | screw, rivet |
|---------------|--------------|

# LS-EMSP-AL (78X18) BK - Device marker



0803988

<https://www.phoenixcontact.com/us/products/0803988>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 27281103 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001288 |
|-----------|----------|

### UNSPSC

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

# LS-EMSP-AL (78X18) BK - Device marker



0803988

<https://www.phoenixcontact.com/us/products/0803988>

## 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% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)