

LS-EMLP (17X9) WH - Device marker



0831681

<https://www.phoenixcontact.com/us/products/0831681>

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Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, lettering field size: 17 x 9 mm, Number of individual labels: 170



Your advantages

- Stick-on device marking
- Prefabricated device markers in the proven laser-sheet format for ideal positioning in the marking device
- Very high contrast due to the white top layer with black marking

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 0831681 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG19 |
| Product key | BG241D |
| Catalog page | Page 290 (C-3-2019) |
| GTIN | 4046356926126 |
| Weight per piece (including packing) | 36.98 g |
| Weight per piece (excluding packing) | 36.28 g |
| Customs tariff number | 39203000 |
| Country of origin | DE |

Technical data

Product properties

| | |
|--------------|----------------|
| Product type | Device marking |
| Type | Laser sheet |

Marking

| | |
|-----------------------------|----------------------|
| Number of individual labels | 170 |
| Identification technology | Direct laser marking |

Mounting

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

Material specifications

| | |
|------------|--------------------------------|
| Color | white |
| Material | ABS |
| Components | free from silicone and halogen |

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 | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |
| Test duration | 96 h |

Weathering-resistance

| | |
|---------------|---------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 |
| Result | Test passed |
| Test duration | 6000 h |
| Procedure | A |

Temperature resistance

| | |
|--|--|
| | |
|--|--|

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| | |
|---|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | 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 | ISO 22479:2019-05 |
| Result | Test passed |
| Cycles | 2 |

Salt spray test

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

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Recommended ambient temperature (storage/transport) | 23 °C |
| Recommended humidity (storage/transport) | 50 % (Storage in a dry and dark place in the original packaging is recommended) |
| Shelf life | 1 Year |

Dimensions

| | |
|-------------------|---------|
| Width | 17 mm |
| Length | 9 mm |
| Material strength | 0.80 mm |

Standards and regulations

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

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Classifications

ECLASS

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|-------------|----------|
| ECLASS-11.0 | 27281103 |
| ECLASS-12.0 | 27281103 |
| ECLASS-13.0 | 27281103 |

ETIM

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| ETIM 9.0 | EC001288 |
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UNSPSC

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| UNSPSC 21.0 | 39131500 |
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com