

LS-EMLP (180X180)/AC BK-WH - Device marker



1166275

<https://www.phoenixcontact.com/fr/products/1166275>

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Device marker, Sheet, black, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 1, text field height: 180 mm, text field width: 180 mm



Your advantages

- Stick-on device marking
- Individually configurable equipment marking in proven laser sheet format for optimum positioning in the marking device
- Very high contrast due to the black top layer with white marking

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1166275 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG241D |
| Product key | BG241D |
| GTIN | 4063151180133 |
| Weight per piece (including packing) | 46.12 g |
| Weight per piece (excluding packing) | 22.22 g |
| Customs tariff number | 39205100 |
| Country of origin | DE |

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Technical data

Notes

| | |
|----------------------|---|
| Material information | The white base material (PMMA) cannot be cut/assembled with the TOPMARK LASER or the TOPMARK NEO. |
|----------------------|---|

Product properties

Marking

| | |
|-----------------------------|----------------------|
| Number of individual labels | 1 |
| Identification technology | Direct laser marking |

Dimensions

| | |
|--------|---------|
| Width | 180 mm |
| Height | 180 mm |
| Depth | 0.85 mm |

Material specifications

| | |
|------------|-----------------------------------|
| Color | black (RAL 9005) |
| Material | Modified acrylic + hot-stamp foil |
| 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 |
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements | ≥ 5 N |
| Result | Test passed |

Tesafilm test

| | |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result | Test passed |

UV resistance

| | |
|-------------------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |
| Test duration | 96 h |
| Procedure | Artificial irradiation. |
| Specification | IEC 60068-2-2:2007-07 |
| Result | Test passed |
| Procedure | Test Bb |
| Duration | 96 h |
| Temperature for testing | 80 °C |

Temperature resistance

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| | |
|-----------------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 80 °C (105 °C) | Test passed |

Wipe resistance of inscriptions

| | |
|---|--|
| Specification | DIN EN 61010-1 (VDE 0411-01):2020-03 |
| | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl [CAS No. 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 |
| 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 | EN ISO 22479:2022-06 |
| 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 |
| Test duration | 96 h |

Ambient conditions

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|---|---|
| Ambient temperature (operation) | -40 °C ... 80 °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 |

Standards and regulations

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

Mounting

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 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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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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PHOENIX CONTACT SAS

52 Boulevard de Beaubourg Emerainville

77436 Marne La Vallée Cedex 2 France

+33 (0) 1 60 17 98 98

documentation@phoenixcontact.fr