

EMLF (108XE)R CUS - Label, highly flexible



0830183

<https://www.phoenixcontact.com/us/products/0830183>

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Label, highly flexible, can be ordered: by line, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 108 x 40000 mm, Number of individual labels: 1

Your advantages

- EMLF labels consists of soft, highly flexible PVC film that molds itself to uneven surfaces
- Outdoor-durable for up to 8 years when subject to a temperature range of -40 °C ... 90 °C
- Extremely high-quality appearance
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- Labeling service: Phoenix Contact can custom-label all EMLF ... markers according to your requirements

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 0830183 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | BG8141 |
| Catalog page | Page 278 (C-5-2013) |
| GTIN | 4046356628150 |
| Weight per piece (including packing) | 1.99 g |
| Weight per piece (excluding packing) | 1.99 g |
| Country of origin | PL |

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Technical data

Product properties

| | |
|------------------|-----------------------|
| Product type | Labeled device marker |
| Product property | highly flexible |

Marking

| | |
|-------------------------------------|----------------------------|
| Number of individual labels | 1 |
| Number of individual labels per row | 1 |
| Identification technology | Thermal transfer for rolls |

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 |
| Specification | IEC 60068-2-2:2007-07 |
| Result | Test passed |
| Duration | 96 h |
| Temperature for testing | 120 °C |

Temperature resistance

| | |
|------------------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 100 °C (121 °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 |

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| | |
|---|--------------------------|
| 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 |
| 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 | DIN 50018:2013-05 |
| Result | Test passed |
| Climate level | AHT 1.0 S |
| Cycles | 2 |

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 90 °C |
| Ambient temperature (assembly) | > 10 °C |
| Recommended storage conditions | 23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended. |
| Recommended ambient temperature (storage/transport) | 22 °C |
| Recommended humidity (storage/transport) | 50 % ... 55 % (Storage in a dry and dark place in the original packaging is recommended) |
| Shelf life | 2 years |

Mounting

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

Material specifications

| | |
|---------------|---------------|
| Foil strength | 50 µm |
| Adhesive | Acrylic |
| Color | white |
| Material | PVC |
| Components | Silicone-free |

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|--------|---|
| Cycles | 2 |
|--------|---|

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| Shelf life | 2 years |

Dimensions

| | |
|--------|----------|
| Width | 108 mm |
| Length | 48000 mm |

Standards and regulations

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

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Classifications

ECLASS

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