

MM-EMLF (EX18)R C1 YE/BK - Label, highly flexible



0803943

<https://www.phoenixcontact.com/us/products/0803943>

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Label, highly flexible, Roll, Mixed color, unmarked, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, mounting type: adhesive, roll length: 8 m, text field height: 16 mm, text field width: 8000 mm

Your advantages

- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- The self-adhesive material in continuous format is particularly suitable for the professional and permanent marking of various components and equipment in control cabinet, controller, and systems manufacturing
- Thanks to the continuous format, a label of the appropriate length can be created flexibly for the relevant application
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- The material is cUL certified



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0803943 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BG23 |
| Product key | BG241E |
| GTIN | 4055626212227 |
| Weight per piece (including packing) | 78.5 g |
| Weight per piece (excluding packing) | 76.7 g |
| Customs tariff number | 96121010 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|------------------|-----------------|
| Product type | Device marker |
| Product property | Highly flexible |

Marking

| | |
|---------------------------|------------------|
| Identification technology | Thermal transfer |
|---------------------------|------------------|

Dimensions

| | |
|----------------|---------|
| Length of roll | 8.00 m |
| Height | 18 mm |
| Depth | 0.07 mm |

Text field

| | |
|-------------------|---------|
| Text field width | 8000 mm |
| Text field height | 16 mm |

Material specifications

| | |
|-----------------------|---|
| Foil strength | 70 µm |
| Adhesive | Acrylic |
| Color | multicolored (RAL -) yellow (RAL 1018) black (RAL 9005) |
| Material | Vinyl polymer |
| Base element material | Vinyl polymer |
| Components | Free from silicone and cadmium |

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -20 °C ... 75 °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) |

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 |

Wipe resistance of inscriptions

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| | |
|---|--|
| 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 [CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether [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 | adhesive |
|---------------|----------|

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0803943>



cULus Recognized
Approval ID: MH48542

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Classifications

ECLASS

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

ETIM

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

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

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Environmental product compliance

EU RoHS

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

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

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

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.285 kg CO2e |
|---------|---------------|

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