

# EML (44X76)R-ME - Label for ME ... UT ... housing



0828130  
<https://www.phoenixcontact.com/us/products/0828130>

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## Your advantages

- The EML ... self-adhesive device markers are particularly suitable for identification of various types of equipment in controller, system, and control cabinet building
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML ... materials are UL-listed
- Labeling service: Phoenix Contact can custom-label all EM ... markers in accordance with your requirements
- A wide range of marker sizes and colors are available for custom designs

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0828130       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG16          |
| Product key                          | BG2411        |
| GTIN                                 | 4046356484138 |
| Weight per piece (including packing) | 191.6 g       |
| Weight per piece (excluding packing) | 171.6 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

## Technical data

### Product properties

|              |              |
|--------------|--------------|
| Product type | Gerätemarker |
|--------------|--------------|

### Marking

|                                     |                |
|-------------------------------------|----------------|
| Number of individual labels         | 200            |
| Number of individual labels per row | 1              |
| Identification technology           | Thermotransfer |

### Dimensions

|        |          |
|--------|----------|
| Width  | 44.30 mm |
| Height | 76.30 mm |
| Depth  | 0.08 mm  |

### Material specifications

|                   |                                |
|-------------------|--------------------------------|
| RoHS compliant    | yes                            |
| Foil strength     | 50 µm                          |
| Adhesive strength | 20 µm                          |
| Adhesive          | Acrylic                        |
| Color             | white (RAL 9010)               |
| Material          | Polyester                      |
| 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 |
|--------|-------------|

#### UV resistance

|               |                                |
|---------------|--------------------------------|
| Specification | ISO 4892-2:2013-03 (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<br>DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl<br>[CAS No. 67-63-0]                  | Test passed                                                                           |
| 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 50018:2013-05 (following) |
|---------------|-------------------------------|

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|               |             |
|---------------|-------------|
| Result        | Test passed |
| Climate level | AHT 1.0 S   |
| Cycles        | 2           |

## Salt spray test

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

## Ambient conditions

|                                                     |                                                                                                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -40 °C ... 150 °C                                                                                     |
| Ambient temperature (assembly)                      | > 5 °C                                                                                                |
| Recommended storage conditions                      | 21 °C / 50 % relative humidity. Storage in the original packaging is recommended prior to processing. |
| Recommended ambient temperature (storage/transport) | 21 °C                                                                                                 |
| Recommended humidity (storage/transport)            | 50 %                                                                                                  |
| Shelf life                                          | 2 years                                                                                               |

## Standards and regulations

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

## Mounting

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

Classifications

ECLASS

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

ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001288 |
|----------|----------|

UNSPSC

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

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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