

# EML-HA (40X15)R SR CUS - Label for rough surfaces



0830638

<https://www.phoenixcontact.com/us/products/0830638>

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Label for rough surfaces, Roll, can be ordered: by line, labeled according to customer specifications, mounting type: adhesive, Number of individual labels: 2, text field height: 15 mm, text field width: 40 mm

## Your advantages

- The EML-HA ... self-adhesive device markers are suitable for identification of various types of equipment in controller, system, and control cabinet building
- The EML-HA features a special adhesive with a very high bonding strength. This means it can be stuck onto rough, textured, and low-energy surfaces
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML-HA ... materials are UL-listed
- Marking service: Phoenix Contact can custom-mark all EML-HA ... markers according to your requirements

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 0830638                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BG8141                         |
| GTIN                                 | 4046356719926                  |
| 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     | Device marker   |
| Product property | highly adhesive |

### Marking

|                                     |                |
|-------------------------------------|----------------|
| Number of individual labels         | 2              |
| Number of individual labels per row | 2              |
| Identification technology           | Thermotransfer |

### Dimensions

|        |          |
|--------|----------|
| Width  | 40.00 mm |
| Height | 15.00 mm |
| Depth  | 0.11 mm  |
| Length | 15 mm    |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 40 mm |
| Text field height | 15 mm |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Foil strength         | 56 µm                          |
| Adhesive strength     | 65 µm                          |
| Color                 | silver-colored                 |
| Material              | Polyester                      |
| Base element material | Polyester                      |
| Components            | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Ambient temperature (operation)                     | -40 °C ... 150 °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                                  |

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|           |                         |
|-----------|-------------------------|
| Procedure | Artificial irradiation. |
|-----------|-------------------------|

## Wipe resistance of inscriptions

|               |  |
|---------------|--|
| Specification | DIN EN 61010-1 (VDE 0411-01):2020-03           |
|               | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |

## 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/0830638>



**cULus Recognized**

Approval ID: MH48542

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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