



**Automatización Eléctrica**  
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

## Label for rough surfaces - EML-HA (70X50)R - 0830730

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2, Mounting type: Adhesive, Lettering field: 70 x 50 mm

The figure shows a version of the article

### Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 1 STK               |
| GTIN         | <br>4 046356 738736 |

### Technical data

#### Dimensions

|            |       |
|------------|-------|
| Length (b) | 70 mm |
| Width (a)  | 50 mm |

#### Ambient conditions

|                                 |   |
|---------------------------------|---|
| Ambient temperature (operation) | -40 °C ... 150 °C   |
| Ambient temperature (assembly)  | > 5 °C  |
| Recommended storage conditions  | 21 °C / 50% relative humidity. Storage in poly bags is recommended prior to processing. |

#### General

|                                     |                                |
|-------------------------------------|--------------------------------|
| Color                               | white                          |
| Components                          | free from silicone and halogen |
| Material                            | Polyester                      |
| Wipe resistance                     | DIN EN 61010-1 (VDE 0411-1)    |
| Number of individual labels         | 1000                           |
| Number of individual labels per row | 1                              |
| RoHS compliant                      | Yes                            |
| Adhesive                            | Acrylic                        |
| File number                         | UL-MH48542 / PC-025            |
| Printability                        | Thermal transfer               |
| Device                              | 5146477 THERMOMARK ROLL        |
|                                     | 5146723 THERMOMARK ROLL X1     |

## Label for rough surfaces - EML-HA (70X50)R - 0830730

### Technical data

#### General

|   |                                     |
|---|-------------------------------------|
|   | 5146231 THERMOMARK X1.2             |
|   | 5146257 THERMOMARK S1.1             |
| Ink ribbon  | 5145384 THERMOMARK-RIBBON 110       |
| Test for substances that would hinder coating with paint or varnish | VW PV 3.10.7:2005-02                |
| Result  | Test passed                         |
| Test specification weathering-resistance                            | Following ISO 4892-2:2013-03        |
| Test duration   | 96 h                                |
| Wipe resistance test result   | Test passed                         |
| Salt spray test specification                                       | DIN EN ISO 9227:2012-09             |
| Test duration   | 96 h                                |
| Salt spray testing result   | Test passed                         |
| Alternating condensation climate with SO2 test specification        | Following DIN 50018:2013-05         |
| Climate level   | AHT 1.0 S                           |
| Cycles  | 2                                   |
| Condensation test result  | Test passed                         |
| Wipe resistance of test specification inscriptions                  | DIN EN 61010-1 (VDE 0411-1):2011-07 |
| Result  | Test passed                         |
| Foil strength   | 50 µm                               |
| Adhesive strength   | 45 µm                               |
| Marking mounting type   | Adhesive                            |

#### Standards and Regulations

|                                  |                             |
|----------------------------------|-----------------------------|
| Connection in acc. with standard | UL                          |
| Wipe resistance                  | DIN EN 61010-1 (VDE 0411-1) |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 24190219 |
| eCl@ss 4.1 | 24190219 |
| eCl@ss 5.0 | 27149103 |
| eCl@ss 5.1 | 27141137 |
| eCl@ss 6.0 | 27141137 |
| eCl@ss 7.0 | 27141137 |
| eCl@ss 8.0 | 27149129 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000761 |
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC001288 |

## Label for rough surfaces - EML-HA (70X50)R - 0830730

### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Approvals

---

#### Approvals

UL Recognized

---


#### Ex Approvals

---

#### Approvals submitted

---

### Approval details

UL Recognized 

Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| <b>Product</b>  | <b>Code</b> | <b>Reference</b> | <b>Product link</b>        |
|---|-------------|------------------|----------------------------|
| Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2, Mounting type: Adhesive, Lettering field: 70 x 50 mm | 0830730     | EML-HA (70X50)R  | <a href="#">Buy on EAN</a> |