

# EMLP (D30)R RD - Label



0803437

<https://www.phoenixcontact.com/gb/products/0803437>

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 documentation. Our general terms of use for downloads are valid.



Label, Roll, red, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, Number of individual labels: 500, text field height: 190 mm, text field width: 100 mm

## Your advantages

- Quick and inexpensive marking with THERMOMARK ... roll printers from Phoenix Contact
- High level of resistance to chemical and mechanical influences
- High-quality appearance
- The EMLP ... self-adhesive markers are equivalent to engraved labels
- Primarily used for marking electrical components, devices, and buttons

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0803437             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BG2411              |
| Product key                          | BG2411              |
| Catalog page                         | Page 328 (C-3-2019) |
| GTIN                                 | 4055626057217       |
| Weight per piece (including packing) | 341.2 g             |
| Weight per piece (excluding packing) | 99.99 g             |
| Customs tariff number                | 39199080            |
| Country of origin                    | DE                  |

## Technical data

### Product properties

|                                     |                            |
|-------------------------------------|----------------------------|
| Product type                        | Device marking             |
| Marking                             |                            |
| Number of individual labels         | 500                        |
| Number of individual labels per row | 1                          |
| Identification technology           | Thermal transfer for rolls |

### Mounting

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

### Material specifications

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

### Environmental and real-life conditions

#### 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 | ISO 4892-2:2013-03 (following) |
| Result        | Test passed                    |
| Test duration | 96 h                           |

#### Temperature resistance

|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 125 °C (150 °C) | Test passed                     |

#### Wipe resistance of inscriptions

# EMLP (D30)R RD - Label



0803437

<https://www.phoenixcontact.com/gb/products/0803437>

|                                                   |                                                |
|---------------------------------------------------|------------------------------------------------|
| Specification                                     | DIN EN 60068-2-11:2000-02                      |
|                                                   | 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                                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                    |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                    |
| Specification                                     | ISO 175:2010 (following)                       |
| Test duration                                     | 168 h                                          |
| 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                 |

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |
| Test duration | 96 h                      |

## Ambient conditions

|                                                     |                                                                                                         |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -40 °C ... 120 °C                                                                                       |
| Ambient temperature (assembly)                      | > 18 °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) | 23 °C                                                                                                   |
| Recommended humidity (storage/transport)            | 50 %                                                                                                    |
| Shelf life                                          | 12 months                                                                                               |

## Dimensions

|        |       |
|--------|-------|
| Width  | 30 mm |
| Length | 0 mm  |

## Text field

|                   |        |
|-------------------|--------|
| Text field width  | 100 mm |
| Text field height | 190 mm |

## Standards and regulations

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

# EMLP (D30)R RD - Label



0803437

<https://www.phoenixcontact.com/gb/products/0803437>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27281103 |
| ECLASS-12.0 | 27281103 |
| ECLASS-13.0 | 27281103 |

### ETIM

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

### UNSPSC

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

# EMLP (D30)R RD - Label



0803437  
<https://www.phoenixcontact.com/gb/products/0803437>

## 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% |

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)