

# EML-LPR (85,6X54)R SR - Label



1090081

<https://www.phoenixcontact.com/us/products/1090081>

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, unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, mounting type: adhesive, Number of individual labels: 650, text field height: 54 mm, text field width: 86.5 mm

## Your advantages

- EML-LPR ... self-adhesive device markers for identification of various types of equipment in controller, system, and control cabinet building
- The EML-LPR labels feature a protective laminate, which is adhered to the entire printing surface after the label has been attached. The printed information is protected from external influences
- The protective laminate is attached to the label. The edge is perforated, simplifying adhesion
- Thanks to its great adhesive strength, this label can be placed on rough, textured, and low-energy surfaces
- High-quality printing is achieved in combination with the THERMOMARK-RIBBON 110 ink ribbon

## Commercial data

Item number	1090081
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG16
Product key	BG2411
GTIN	4055626898803
Weight per piece (including packing)	1,482.7 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	39199080
Country of origin	DE

1090081

<https://www.phoenixcontact.com/us/products/1090081>

## Technical data

### Product properties

Product type	Device marker
Product property	With protective laminate

### Marking

Number of individual labels	650
Number of individual labels per row	1
Identification technology	Thermotransfer

### Dimensions

Width	85.60 mm
Height	54.00 mm
Depth	0.24 mm

### Text field

Text field width	86.5 mm
Text field height	54 mm

### Material specifications

RoHS compliant	yes
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 %

#### 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

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)

# EML-LPR (85,6X54)R SR - Label



1090081

<https://www.phoenixcontact.com/us/products/1090081>

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
---------------	----------

# EML-LPR (85,6X54)R SR - Label



1090081

<https://www.phoenixcontact.com/us/products/1090081>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1090081>



**cULus Recognized**

Approval ID: MH48542

# EML-LPR (85,6X54)R SR - Label



1090081

<https://www.phoenixcontact.com/us/products/1090081>

## Classifications

### ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

### ETIM

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

### UNSPSC

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

# EML-LPR (85,6X54)R SR - Label



1090081

<https://www.phoenixcontact.com/us/products/1090081>

## 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 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)