

EML-LPR-D (85,6X54)R RD - Label



1255581

<https://www.phoenixcontact.com/us/products/1255581>

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, detectable, Roll, red (RAL 3001), 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: 600, text field height: 54 mm, text field width: 85.6 mm

Your advantages

- EML-LPR-D... detectable self-adhesive labels with protective laminate for identification of various types of equipment in controller, system, and control cabinet building applications in the food industry.
- With an integrated metal foil, the label is detectable and can be recognized via a detection device
- The EML-LPR-D labels feature a protective laminate that is adhered to the entire printing surface after the label has been attached. The printed information is protected from external influences such as daily system cleaning with aggressive cleaning agents
- 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
- The material used has been tested and approved by ISEGA for use in the food industry

Commercial data

Item number	1255581
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG16
Product key	BG2411
GTIN	4063151363215
Weight per piece (including packing)	1,735.8 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	39199080
Country of origin	SE

EML-LPR-D (85,6X54)R RD - Label



1255581

<https://www.phoenixcontact.com/us/products/1255581>

Technical data

Notes

General	Due to the differing detection properties of metal detectors, the installer/end user must check suitability for the actual application
General	For the THERMOMARK ROLL and THERMOMARK ROLL 2.0 roll printers, this material can only be processed with an external media hub.
Note on application	The rating plates, when used as intended, comply with the provisions of Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with foodstuffs as well as the German Food and Feed Code. The rating plates EML-LPR-D (...x..)R xx can be safely used for the identification of food processing machines.

Product properties

Product type	Device marker
Product property	detectable, with protective laminate

Marking

Number of individual labels	600
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	85.6 mm
Text field height	54 mm

Material specifications

RoHS compliant	yes
Adhesive	Acrylic
Color	red (RAL 3001)
Material	Polyester
Base element material	Polyester
Components	free from silicone and halogen

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %

EML-LPR-D (85,6X54)R RD - Label



1255581

<https://www.phoenixcontact.com/us/products/1255581>

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
Procedure	Artificial irradiation.

Temperature storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
Duration	96 h
Maximum temperature	100 °C

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
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-D (85,6X54)R RD - Label



1255581

<https://www.phoenixcontact.com/us/products/1255581>

Approvals

📄 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1255581>



cULus Recognized

Approval ID: MH48542

ISEGA

Approval ID: 61125 U 23

EML-LPR-D (85,6X54)R RD - Label



1255581

<https://www.phoenixcontact.com/us/products/1255581>

Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

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

UNSPSC

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

EML-LPR-D (85,6X54)R RD - Label



1255581
<https://www.phoenixcontact.com/us/products/1255581>

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