

# EML (17,5X8)RL YE CUS - Label

0824305

<https://www.phoenixcontact.com/us/products/0824305>

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, can be ordered: by line, yellow (RAL 1018), labeled according to customer specifications, mounting type: adhesive

## Your advantages

- The EML ... self-adhesive device markers are particularly suitable for identification of various types of equipment in controller, system, and control cabinet building
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML ... materials are UL-listed
- Labeling service: Phoenix Contact can custom-label all EM ... markers in accordance with your requirements
- A wide range of marker sizes and colors are available for custom designs

## Commercial data

Item number	0824305
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8141
GTIN	4046356351713
Weight per piece (including packing)	1.99 g
Weight per piece (excluding packing)	1.99 g
Country of origin	PL

## Technical data

### Product properties

Product type	Device marker
--------------	---------------

### Marking

Number of individual labels per row	5
Identification technology	Thermotransfer

### Dimensions

Width	17.50 mm
Height	8.00 mm
Depth	0.08 mm
Length	8 mm

### Material specifications

Foil strength	55 µm
Adhesive strength	20 µm
Adhesive	Acrylic
Color	yellow (RAL 1018)
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 % (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

#### Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364:2018-05
Result	Test passed

#### Scratch resistance

Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
Result	Test passed

#### Tesafilm test

# EML (17,5X8)RL YE CUS - Label



0824305

<https://www.phoenixcontact.com/us/products/0824305>

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
Procedure	Artificial irradiation.

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 100 °C (121 °C)	Test passed

## 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
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	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

# EML (17,5X8)RL YE CUS - Label



0824305

<https://www.phoenixcontact.com/us/products/0824305>

Test duration	96 h
---------------	------

## Standards and regulations

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

## Mounting

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

# EML (17,5X8)RL YE CUS - Label



0824305

<https://www.phoenixcontact.com/us/products/0824305>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0824305>



**cULus Recognized**

Approval ID: MH48542

# EML (17,5X8)RL YE CUS - Label

0824305

<https://www.phoenixcontact.com/us/products/0824305>



## Classifications

### UNSPSC

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

# EML (17,5X8)RL YE CUS - Label



0824305

<https://www.phoenixcontact.com/us/products/0824305>

## 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)