

EML (100X30)R YE - Label

0801816

<https://www.phoenixcontact.com/us/products/0801816>



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, yellow, unmarked, 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: 30 mm, text field width: 100 mm

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
- A wide range of marker sizes and colors are available for custom designs
- Labeling service: Phoenix Contact can custom-label all EM ... markers in accordance with your requirements

Commercial data

Item number	0801816
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG16
Product key	BG2411
GTIN	4046356735575
Weight per piece (including packing)	388.4 g
Weight per piece (excluding packing)	369.1 g
Customs tariff number	39269097
Country of origin	PL

Technical data

Product properties

Product type	Gerätemarker
--------------	--------------

Marking

Number of individual labels	500
Number of individual labels per row	1
Identification technology	Thermal transfer

Dimensions

Width	100.00 mm
Height	30.00 mm
Depth	0.08 mm

Material specifications

Foil strength	55 µm
Adhesive strength	20 µm
Adhesive	Acrylic
Color	yellow (RAL 1018)
Base element material	Polyester
Components	free from silicone and halogen

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
--------	-------------

Test for substances that would hinder coating with paint or varnish

Result	Test passed
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
Procedure	Artificial irradiation.

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
---------------	---------------------------------

EML (100X30)R YE - Label



0801816

<https://www.phoenixcontact.com/us/products/0801816>

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)
Isopropyl [CAS No. 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
Specification	ISO 175:2010 (following)
Test duration	168 h
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

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 ... 100 °C
Ambient temperature (assembly)	> 5 °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)
Shelf life	2 years

Mounting

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

EML (100X30)R YE - Label

0801816

<https://www.phoenixcontact.com/us/products/0801816>



Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0801816>



cULus Recognized

Approval ID: MH48542

EML (100X30)R YE - Label



0801816
<https://www.phoenixcontact.com/us/products/0801816>

Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

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

UNSPSC

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

EML (100X30)R YE - Label



0801816
<https://www.phoenixcontact.com/us/products/0801816>

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 USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com