

MM-EML (16,5X5)R C1 WH/BK - Label



1116200

<https://www.phoenixcontact.com/us/products/1116200>

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, white/black, unmarked, can be labeled with: THERMOMARK GO, mounting type: adhesive, Number of individual labels: 335, text field height: 5 mm, text field width: 16.5 mm

Product description

The MM-EML... polyester self-adhesive labels are available as pre-punched material for equipment marking.

Your advantages

- The pre-punched self-adhesive labels are particularly suitable for the professional and permanent marking of various components and equipment in control cabinet, controller, and systems manufacturing
- The material is cUL certified
- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- No visible difference between retrospective marking and existing markings created with a desktop roll printer
- The pre-punched geometry enables easy and convenient use
- Thanks to the innovative material composition, each label can be printed which results in zero wastage

Commercial data

Item number	1116200
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
GTIN	4063151041830
Weight per piece (including packing)	67 g
Weight per piece (excluding packing)	64.4 g
Customs tariff number	96121010
Country of origin	CN

Technical data

Product properties

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

Marking

Number of individual labels	335
Identification technology	Thermal transfer

Dimensions

Width	16.50 mm
Height	5.00 mm
Depth	0.06 mm

Material specifications

Foil strength	50 µm
Color	multicolored (RAL -)
	white (RAL 9010)
	black (RAL 9005)
Material	Polyester
Components	free from silicone, halogen, and cadmium

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.

Weathering-resistance

Specification	ISO 4892-2:2013-03
Result	Test passed

MM-EML (16,5X5)R C1 WH/BK - Label



1116200

<https://www.phoenixcontact.com/us/products/1116200>

Test duration	1500 h
Procedure	A

Outdoor exposure

Specification	DIN EN ISO 877-2 (2011-03-00)
Result	Test passed
Test duration	8760 h
Procedure	A

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °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
Diesel [CAS No. 68476-34-6]	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

MM-EML (16,5X5)R C1 WH/BK - Label



1116200

<https://www.phoenixcontact.com/us/products/1116200>

Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> -4 °C
Recommended ambient temperature (storage/transport)	22 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	24 months

Standards and regulations

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

Mounting

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

MM-EML (16,5X5)R C1 WH/BK - Label



1116200

<https://www.phoenixcontact.com/us/products/1116200>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1116200>



cULus Recognized

Approval ID: MH48542

MM-EML (16,5X5)R C1 WH/BK - Label



1116200

<https://www.phoenixcontact.com/us/products/1116200>

Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

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

UNSPSC

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

MM-EML (16,5X5)R C1 WH/BK - Label



1116200

<https://www.phoenixcontact.com/us/products/1116200>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

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