

MM-EML (20X8)R C1 WH/BK - Label



1116204

<https://www.phoenixcontact.com/us/products/1116204>

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Label, Roll, white/black, unlabeled, can be labeled with: THERMOMARK GO, mounting type: adhesive, lettering field size: 20 x 8 mm, Number of individual labels: 297

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	1116204
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG241E
GTIN	4063151040987
Weight per piece (including packing)	68 g
Weight per piece (excluding packing)	54 g
Customs tariff number	96121010
Country of origin	CN

Technical data

Product properties

Product type	Device marking
Data management status	
Article revision	02
Marking	
Number of individual labels	297
Identification technology	Thermal transfer

Mounting

Mounting type	adhesive
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Material specifications

Foil strength	50 µm
Color	white/black
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
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Test for substances that would hinder coating with paint or varnish

Result	Test passed
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Scratch test for the determining scratch resistance

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

Weathering-resistance

Specification	ISO 4892-2:2013-03
Result	Test passed
Test duration	1500 h

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Procedure	A
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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

Ambient conditions

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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

Dimensions

Width	20 mm
Text field width	20.00 mm
Height	8 mm
Text field height	8.00 mm

Standards and regulations

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

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1116204>



cULus Recognized
Approval ID: MH48542

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Classifications

ECLASS

ECLASS-11.0	27281103
ECLASS-12.0	27281103
ECLASS-13.0	27281103

ETIM

ETIM 9.0	EC001288
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UNSPSC

UNSPSC 21.0	39131500
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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%

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