

0830603

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Label for rough surfaces, Roll, white, unlabeled, 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: 2500, text field height: 12 mm, text field width: 26.5 mm

Your advantages

- The EML-HA ... self-adhesive device markers are suitable for identification of various types of equipment in controller, system, and control cabinet building
- The EML-HA features a special adhesive with a very high bonding strength. This means it can be stuck onto rough, textured, and low-energy surfaces
- · When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML-HA ... materials are UL-listed
- · Marking service: Phoenix Contact can custom-mark all EML-HA ... markers according to your requirements

Commercial data

Item number	0830603
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG16
Product key	BG2411
Catalog page	Page 334 (C-3-2019)
GTIN	4046356719575
Weight per piece (including packing)	274.43 g
Weight per piece (excluding packing)	270 g
Customs tariff number	39269097
Country of origin	PL



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Technical data

Product properties

Product type	Device marking
Product property	highly adhesive
Marking	
Number of individual labels	2500
Number of individual labels per row	3
Identification technology	Thermal transfer for rolls

Mounting

Mounting type	adhesive
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Material specifications

RoHS compliant	yes
Foil strength	50 μm
Color	white (RAL 9010)
Material	Polyester
Components	free from silicone and halogen

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

December 1	
Result	Test passed
Test for substances that would hinder coating v	with paint or varnish
Result	Test passed
Scratch test for the determining scratch resista	ince
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	4500 h



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Specification DIN EN ISO 877-2 (2011-03-00)	Procedure	A
Result Test duration 9048 h Termperature resistance 9048 h Specification ANS/UL 969-2018:03 (following) Test duration 240 h Rating 125 °C (150 °C) Test passed Wipe resistance of inscriptions DIN EN 61010-1 (VDE 0411-01):2020-03 Specification DIN EN 62208 (VDE 0660-511):2012-06 (in parts) Isopropyl (CAS No. 67-63-0] Test passed (CAS No. 67-63-0] Test passed Water + Petroleum ether (CAS No. 110-54-3] Test passed UCAS 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 Ethanol (99 %) (CAS No. 64-17-5) Test passed Ethanol (99 %) (CAS No. 64-17-5) Test passed IRM 901 Test passed CAS No. 64-17-5] Test passed IRM 902 Test passed Test passed Test passed Testing in a condensation changing climate in the presence of sulfur dioxide Specification DIN 50018-2013-05 Result Test passed Climate level	Outdoor exposure	
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Temperature resistance Specification ANSI/UL 969-2018:03 (following) Test duration 240 h Rating 125 °C (150 °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 Test passed IcAS No. 67-63-0] Test passed IcAS No. 110-54-3] Test passed IcAS No. 110-54-3] Test passed IcAS No. 1310-73-2]	Result	Test passed
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Specification	Temperature resistance	
Test duration		ANSI/UL 969-2018:03 (following)
Rating 125 °C (150 °C) Test passed Wipe resistance of inscriptions DIN EN 61010-1 (VDE 0411-01):2020-03 DIN EN 62208 (VDE 0660-511):2012-06 (in parts) Specification DIN EN 62208 (VDE 0660-511):2012-06 (in parts) Isopropyl (CAS No. 67-63-0] Test passed (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 Sodium hydroxide 0.1 mol/l (CAS No. 1310-73-2) Test passed Ethanol (99 %) (CAS No. 64-17-5] Test passed IRM 90 (Passed) Test passed IRM 901 (Passed) Test passed Testing in a condensation changing climate in the presence of sulfur dioxide Specification 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		
Wipe resistance of inscriptions DIN EN 61010-1 (VDE 0411-01):2020-03 Specification DIN EN 62208 (VDE 0660-511):2012-06 (in parts) Isopropyl Test passed ICAS No. 67-63-0] Test passed ICAS No. 110-54-3] Test passed ICAS No. 110-54-3] Test passed ICAS No. 110-54-3] Test passed ICAS No. 110-73-2] Test passed ICAS No. 1310-73-2] Test passed ICAS No. 1310-73-2] Test passed ICAS No. 84-17-5] Test passe	Rating 125 °C (150 °C)	
Specification		
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[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] ISO 175:2010 (following) Test duration 168 h Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] Test passed Ethanol (99 %) [CAS No. 64-17-5] 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 dixide Specification DIN 50018:2013-05 Result Test passed Climate level AHT 1.0 S Cycles 2 Salt spray test DIN EN 60068-2-11:2000-02 Result DIN EN 60068-2-11:2000-02 Result Test passed		Test passed
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Cycles 2 Salt spray test Specification DIN EN 60068-2-11:2000-02 Result Test passed	Result	Test passed
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Specification DIN EN 60068-2-11:2000-02 Result Test passed	Cycles	2
Specification DIN EN 60068-2-11:2000-02 Result Test passed	Salt snrav test	
Result Test passed		DIN EN 60068-2-11:2000-02
	Test duration	96 h
	Ambient conditions Ambient temperature (operation)	-40 °C 150 °C
	Ambient temperature (operation)	-40 C 130 C



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Ambient temperature (assembly)	> 15 °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
Dimensions	
Width	26.5 mm
Length	12 mm
Text field	
Text field width	26.5 mm
Text field height	12 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/0830603



CSA

Approval ID: 70191766



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

UNSPSC

UNSPSC 21.0	39131500
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Environmental product compliance

EU RoHS

LO NOTIC	
Fulfills EU RoHS substance requirements	Yes, No exemptions
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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