

## Label for rough surfaces - EML-HA (40X15)R - 0830605

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Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 40 x 15 mm, Number of individual labels: 1000

### Your advantages

- ✓ The EML-HA ... self-adhesive device markers are suitable for marking various types of equipment in control, system, and control cabinet manufacturing
- ✓ 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 marking is even suitable for use under harsh industrial conditions
- ✓ The EML-HA ... materials are UL-listed
- ✓ Marking service: Phoenix Contact can custom-mark all EML-HA ... markers according to your requirements

**RoHS**

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 719599
GTIN	4046356719599
Weight per Piece (excluding packing)	280.000 g
Custom tariff number	39269097
Country of origin	Germany

### Technical data

#### Dimensions

Length (b)	15 mm
Width (a)	40 mm

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### Technical data

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> 5 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.

#### General

Color	white
Components	free from silicone and halogen
Material	Polyester
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	1000
Number of individual labels per row	2
Mounting type	adhesive
Testing substances harmful to the wetting properties of lacquers (LABS conformity)	VW PV 3.10.7:2005-02
Result	Test passed
UV resistance	Following ISO 4892-2:2013-03
Result	Test passed
Test duration	96 h
Test for wipe resistance of inscriptions	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Testing in a condensation changing climate in the presence of sulfur dioxide	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	Test passed

### Classifications

#### eCl@ss

eCl@ss 10.0.1	27400629
eCl@ss 11.0	27281103
eCl@ss 4.0	24190200
eCl@ss 4.1	24190200
eCl@ss 5.0	27149100
eCl@ss 5.1	27141100
eCl@ss 6.0	27149100

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### Classifications

#### eCl@ss

eCl@ss 7.0	27149129
eCl@ss 9.0	27400629

#### ETIM

ETIM 3.0	EC000761
ETIM 4.0	EC000761
ETIM 6.0	EC001288
ETIM 7.0	EC001288

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39131504
UNSPSC 18.0	39131504
UNSPSC 19.0	39131504
UNSPSC 20.0	39131504
UNSPSC 21.0	39131504

### Approvals

#### Approvals

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CSA / UL Recognized

#### Ex Approvals

#### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	70191766
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<http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm>

FILE MH 48542

### Accessories

#### Accessories

##### Ink ribbon

Ink ribbon - THERMOMARK-RIBBON 110 - 5145384



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., width: 110 mm, color: black

Ink ribbon - THERMOMARK-RIBBON 110/50 - 0800687



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., width: 110 mm, color: black