

EML-ESD (40X15)R CUS - Equipment marking



0830597

<https://www.phoenixcontact.com/pc/products/0830597>

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Equipment marking, can be ordered: by line, white, labeled according to customer specifications, mounting type: adhesive, lettering field size: 40 x 15 mm, Number of individual labels: 2500

Your advantages

- The EML-ESD label is well suited for marking sensitive components on printed-circuit boards
- The label includes an adhesive that dissipates static electricity, which prevents the transmission of electrostatic voltages and protects the component
- When combined with the right ink ribbon, the marking is highly resistant to solvents
- The EML-ESD ... materials are UL-listed
- Labeling service: Phoenix Contact can custom-label all EML-ESD ... markers in accordance with your requirements

Commercial data

Item number	0830597
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8141
Catalog page	Page 285 (C-5-2013)
GTIN	4046356720366
Weight per piece (including packing)	1.99 g
Weight per piece (excluding packing)	1.99 g
Customs tariff number	49119900
Country of origin	PL

Technical data

Product properties

Product type	Labeled device marker
Marking	
Number of individual labels	2500
Number of individual labels per row	1
Marking technology	
Device	1085260 THERMOMARK ROLL 2.0
	0804501 THERMOMARK ROLLMaster 300
	0804663 THERMOMARK ROLLMaster 600
	1285306 THERMOMARK E.300
	1285310 THERMOMARK E.600
Ink ribbon	5145384 THERMOMARK-RIBBON 110
	0800687 THERMOMARK-RIBBON 110/50
Printability	Thermal transfer

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

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °C)	Test passed

Wipe resistance of inscriptions

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Specification	DIN EN 61010-1 (VDE 0411-01):2020-03
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Specification	ISO 175:2010 (following)
Test duration	168 h

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 ... 150 °C
Ambient temperature (assembly)	> 4 °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
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Material specifications

Foil strength	52 µm
Adhesive strength	24 µm
Adhesive	Acrylic
Color	white
Material	Polyester
Components	free from silicone and halogen

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Dimensions

Width	40 mm
Length	15 mm

Standards and regulations

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

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UL Recognized

Approval ID: MH48542

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001288
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UNSPSC

UNSPSC 21.0	39131500
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