

EML (21,5X21,5)R SR - Label



0816812

<https://www.phoenixcontact.com/pc/products/0816812>

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Label, Roll, silver, 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, lettering field size: 21.5 x 21.5 mm, Number of individual labels: 2500

Your advantages

- The EML ... self-adhesive device markers are particularly suitable for identification of various types of equipment in controller, system, and control cabinet building
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML ... materials are UL-listed
- A wide range of marker sizes and colors are available for custom designs
- Labeling service: Phoenix Contact can custom-label all EM ... markers in accordance with your requirements

Commercial data

Item number	0816812
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG2411
Catalog page	Page 325 (C-3-2019)
GTIN	4046356107785
Weight per piece (including packing)	345.3 g
Weight per piece (excluding packing)	335.5 g
Customs tariff number	39269097
Country of origin	DE

Technical data

Product properties

Product type	Device marking
Marking	
Number of individual labels	2500
Number of individual labels per row	4
Identification technology	Thermal transfer for rolls

Mounting

Mounting type	adhesive
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Material specifications

RoHS compliant	yes
Foil strength	50 µm
Adhesive strength	24 µm
Adhesive	Acrylic
Color	silver
Material	Polyester
Components	free from silicone and halogen

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
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UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	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

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

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Salt spray test

Specification	ISO 9227:2012-05
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °C
Ambient temperature (assembly)	> 5 °C
Recommended storage conditions	23 °C / 50 % relative humidity
Recommended ambient temperature (storage/transport)	22 °C
Recommended humidity (storage/transport)	50 %
Shelf life	2 years

Dimensions

Width	21.5 mm
Text field width	21.50 mm
Text field height	21.50 mm
Length	21.5 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/pc/products/0816812>



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
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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
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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