

EML-RS (45,7X45,7)R SR - Label



0803187

<https://www.phoenixcontact.com/gb/products/0803187>

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Label, roll, silver/glossy, unmarked, can be marked with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, mounting type: adhered/inserted

Your advantages

- The EML-RS label for marking rotary switches from Phoenix Contact
- Options include adhesive and snap-in versions
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML-RS... materials are UL-listed
- Labeling service: Phoenix Contact can custom-label all EML-RS ... markers in accordance with your requirements

Commercial data

Item number	0803187
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG2411
Product key	BG2411
Catalog page	Page 340 (C-3-2019)
GTIN	4055626048512
Weight per piece (including packing)	212.4 g
Weight per piece (excluding packing)	198 g
Customs tariff number	39207380
Country of origin	DE

Technical data

Product properties

Product type	Device marking
Area of application	Rotary switch Ø 25 mm

Marking

Number of individual labels	250
Number of individual labels per row	2
Identification technology	Thermal transfer for rolls

Mounting

Mounting type	adhesive
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Material specifications

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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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 125 °C (150 °C)	Test passed

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)

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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
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

Ambient temperature (operation)	-40 °C ... 150 °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	45.7 mm
Length	45.7 mm

Text field

Text field width	45.7 mm
Text field height	45.7 mm

Standards and regulations

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

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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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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk