

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



0803187

<https://www.phoenixcontact.com/us/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	BG16
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
Specification	ISO 175:2010 (following)
Test duration	168 h
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
IRM 901	Test passed

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IRM 902	Test passed
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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

Standards and regulations

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