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PHŒNIX CONTACT

Label - EML (70X50)R-EX - 0803257

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Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: 70 x 50 mm

The figure shows version

Why buy this product

- The EML...-EX self-adhesive device markers have been specifically developed for marking various types of equipment in the Ex area

- The marking requirements in terms of legibility, adhesion, and wipe resistance in potentially explosive areas (ATEX), according to IEC/EN 60079-0, can also be ensured following storage in typical gas atmospheres. Phoenix Contact developed these labels especially for process engineering, which is where these requirements typically arise.

- These labels meet the requirements for wipe resistance according to DIN EN 61010-1 against aggressive media such as acetone, ethanol, and MEK

- They are only suitable in conjunction with the TM- RIBBON110-EX

- Thanks to the special surface and adhesive, the marker meets the demanding requirements of process engineering

- A wide range of marker sizes and colors are available for custom designs

- If high-quality ink ribbons are used, the labeling is resistant to solvents and suitable for use even under harsh industrial conditions

- Precise printing quality and good adhesive properties

- The EML ... materials are UL-listed

- The special packaging protects rolls that have already been started from the dirt found in industrial environments

- The EML ... self-adhesive device markers have been specifically developed for marking various types of operating equipment in control, system, and control cabinet engineering

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 939119

Technical data

Dimensions

Length (b)	70 mm
Width (a)	50 mm

Ambient conditions

Ambient temperature (operation)	> -40 °C ... 150 °C
Recommended storage conditions	23 °C / 50% relative humidity. Storage in the original packaging is recommended prior to processing.

General

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Technical data

General

Color	white
Components	free from silicone and halogen
Material	Polyester
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	400
Number of individual labels per row	1
RoHS compliant	Yes
Adhesive	Acrylic
Printability	Thermal transfer
Device	5146477 THERMOMARK ROLL
Ink ribbon	0803211 TM-RIBBON 110-EX
Test for substances that would hinder coating with paint or varnish	VW PV 3.10.7:2005-02
Result	Test passed
Test specification weathering-resistance	Following ISO 4892-2:2013-03
Test duration	96 h
Wipe resistance test result	Test passed
Salt spray test specification	DIN EN 60068-2-11:2000-02
Test duration	96 h
Salt spray testing result	Test passed
Alternating condensation climate with SO2 test specification	Following DIN 50018:2013-05
Climate level	AHT 1.0 S
Cycles	2
Condensation test result	Test passed
Wipe resistance of test specification inscriptions	DIN EN 61010-1 (VDE 0411-1):2011-07
Result	Test passed
Foil strength	50 µm
Adhesive strength	46 µm
Marking mounting type	Adhesive

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 5.1	27371301
eCl@ss 6.0	27371301
eCl@ss 8.0	27149129

ETIM

ETIM 4.0	EC000761

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Classifications

ETIM

ETIM 5.0	EC001288

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Product	Code	Reference	Product link
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