



Automatización Eléctrica
Especialistas en Automatización

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High-temperature label - EML-HT (8X8)R CUS - 0830169

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High-temperature label, can be ordered: By line, white, labeled according to customer specifications, Mounting type: Adhesive, Lettering field: 8 x 8 mm

The figure shows the EML (40x8)R version

Why buy this product

- Continuous temperature range of -40°C to +180°C, +300°C for up to 60 seconds
- White acrylate label with high level of temperature resistance
- Labeling service: Phoenix Contact can custom-label all EMLHT ... markers according to your requirements
- High weathering and chemical resistance
- For PCB marking, can be used in all industrial soldering processes
- The EMLHT ... materials are UL-listed



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 628006

Technical data

Dimensions

Length (b)	8 mm
Width (a)	8 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 180 °C
Ambient temperature (assembly)	> 4 °C
Recommended storage conditions	23 °C / 50% relative humidity. Storage in poly bags is recommended prior to processing.
Short-term temperature	300 °C (1 minute, maximum)

General

Color	white
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Technical data

General

Components	free from silicone and halogen
Material	Acrylate
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	4000
Number of individual labels per row	4
RoHS compliant	Yes
Adhesive	Acrylic
Printability	Thermal transfer
Device	5146477 THERMOMARK ROLL
	5146723 THERMOMARK ROLL X1
	5146231 THERMOMARK X1.2
Ink ribbon	0800342 THERMOMARK-RIBBON 110-EML-HT
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	20 µm
Marking mounting type	Adhesive

Standards and Regulations

Connection in acc. with standard	UL
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)

Classifications

eCl@ss

eCl@ss 4.0	24190219
eCl@ss 4.1	24190219
eCl@ss 5.0	27149103
eCl@ss 5.1	27141137

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Classifications

eCl@ss

eCl@ss 6.0	27141137
eCl@ss 7.0	27141137
eCl@ss 8.0	27141137

ETIM

ETIM 3.0	EC000761
ETIM 4.0	EC000761
ETIM 5.0	EC000761

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

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- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
High-temperature label, can be ordered: By line, white, labeled according to customer specifications, Mounting type: Adhesive, Lettering field: 8 x 8 mm	0830169	EML-HT (8X8)R CUS	Buy on EAN