

# US-EMP (44X7) - Snap-in markers



0829438

<https://www.phoenixcontact.com/gb/products/0829438>

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Snap-in markers, Card, white, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: latching, Number of individual labels: 40, text field height: 7 mm, text field width: 44 mm



## Your advantages

- The markers, which are supplied in uniform sheets, can be labeled quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers and labels are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- The US-EMP ... UniSheet labeling range includes markers that can be fitted into existing CARRIER EMP ... label frames

## Commercial data

Item number	0829438
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG2419
Product key	BG2419
GTIN	4046356562225
Weight per piece (including packing)	15.08 g
Weight per piece (excluding packing)	12.686 g
Customs tariff number	39269097
Country of origin	DE

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## Technical data

### Product properties

Product type	Device marking
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### Marking

Number of individual labels	40
Number of individual labels per row	2
Identification technology	Thermal transfer for sheets and cards

### Mounting

Mounting type	latching
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### Material specifications

RoHS compliant	yes
Foil strength	500 µm
Color	white (RAL 9010)
Material	PVC PVC
Flammability rating according to UL 94	V0
Components	Silicone-free

### 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	IEC 61010-1:2010-06 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 (following)
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

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## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-30 °C ... 80 °C
Recommended storage conditions	10 ... 25 °C / 35 ... 65 % relative humidity. Storage in a cool and dry place is recommended.
Recommended ambient temperature (storage/transport)	10 °C ... 25 °C
Recommended humidity (storage/transport)	35 % ... 65 %
Shelf life	12 months (see packaging date)

## Dimensions

Width	44 mm
Height	6.65 mm
Depth	0.5 mm
Material strength	0.50 mm

## Text field

Text field width	44 mm
Text field height	7 mm

## Standards and regulations

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

### ECLASS

ECLASS-13.0	27281106
ECLASS-15.0	27281106

### ETIM

ETIM 9.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.0 Climate Change

CO2e kg	0.053 kg CO2e
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