

# US-EMP (60X15) SR - Snap-in markers



0828857

<https://www.phoenixcontact.com/us/products/0828857>

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Snap-in markers, Card, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: insert, Number of individual labels: 9, text field height: 15 mm, text field width: 60 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	0828857
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG09
Product key	BG2419
GTIN	4046356558648
Weight per piece (including packing)	14.7 g
Weight per piece (excluding packing)	14.7 g
Customs tariff number	39269097
Country of origin	DE

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## Technical data

### Product properties

Product type	Device marker
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### Marking

Number of individual labels	9
Number of individual labels per row	1
Identification technology	Thermotransfer

### Dimensions

Width	59.70 mm
Height	14.90 mm
Depth	0.50 mm
Length	14.9 mm

### Text field

Text field width	60 mm
Text field height	15 mm

### Material specifications

RoHS compliant	yes
Foil strength	500 µm
Color	silver-colored
Material	PVC PVC
Flammability rating according to UL 94	V0
Components	Silicone-free

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-30 °C ... 80 °C
Recommended ambient temperature (storage/transport)	10 °C
Recommended humidity (storage/transport)	35 % ... 65 %

#### Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

#### Wipe resistance of inscriptions

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Specification	IEC 61010-1:2010-06
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [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

## Salt spray test

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

## Standards and regulations

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

Mounting type	insert
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## Classifications

### ECLASS

ECLASS-13.0

27281106

### ETIM

ETIM 9.0

EC001530

### 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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