

# US-EMSP (90X60) SR - Device marker



0828932

<https://www.phoenixcontact.com/us/products/0828932>

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Device marker, Card, silver, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: screw, rivet, lettering field size: 90 x 60 mm, Number of individual labels: 2



## Your advantages

- The US-EMSP ... UniSheet labeling range includes markers that can be attached using screws or rivets
- The perforated markers and labels are easy to separate and can be easily fitted
- Labeling service: Phoenix Contact can custom-label all UniSheet markers according to your requirements
- The sheets provide space for including function texts
- The markers, which are supplied in uniform sheets, can be labeled quickly, easily, and cost-effectively using the THERMOMARK CARD

## Commercial data

Item number	0828932
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG09
Product key	BG2419
Catalog page	Page 319 (C-3-2019)
GTIN	4046356559737
Weight per piece (including packing)	14.97 g
Weight per piece (excluding packing)	14.97 g
Customs tariff number	39269097
Country of origin	DE

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## Technical data

### Product properties

Product type	Device marking
Marking	
Number of individual labels	2
Number of individual labels per row	1
Identification technology	Thermal transfer for sheets and cards, UV LED technology

### Mounting

Mounting type	screw, rivet
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### Material specifications

RoHS compliant	yes
Foil strength	500 µm
Color	silver
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	DIN EN 61010-1 (VDE 0411-1):2011-07
	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
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

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## Ambient conditions

Ambient temperature (operation)	-30 °C ... 80 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	12 months

## Dimensions

Width	100 mm
Height	0.5 mm
Length	60 mm
Hole diameter	3.20 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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