

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



0828781

<https://www.phoenixcontact.com/us/products/0828781>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Snap-in markers, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 60 x 15 mm, Number of individual labels: 9



## 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	0828781
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	BG09
Product key	BG2419
Catalog page	Page 317 (C-3-2019)
GTIN	4046356558624
Weight per piece (including packing)	15.18 g
Weight per piece (excluding packing)	14.66 g
Customs tariff number	39269097
Country of origin	DE

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



0828781

<https://www.phoenixcontact.com/us/products/0828781>

## Technical data

### Product properties

Product type	Device marking
Marking	
Number of individual labels	9
Number of individual labels per row	1
Marking technology	
Device	5146464 THERMOMARK CARD
	5146451 THERMOMARK CARD-US-MAG1
Ink ribbon	0801371 THERMOMARK-RIBBON 110-TC
Printability	Thermal transfer

### Mounting

Mounting type	snapped
---------------	---------

### Material specifications

RoHS compliant	yes
Foil strength	500 µm
Color	white
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
--------	-------------

#### 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)

#### 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

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



0828781

<https://www.phoenixcontact.com/us/products/0828781>

## 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 %

## Dimensions

Width	59.7 mm
Height	0.5 mm
Depth	0.5 mm
Length	14.9 mm
Material strength	0.50 mm

## Standards and regulations

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

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



0828781

<https://www.phoenixcontact.com/us/products/0828781>

## Classifications

### ECLASS

ECLASS-11.0	27281106
ECLASS-12.0	27281106
ECLASS-13.0	27281106

### ETIM

ETIM 8.0	EC001530
----------	----------

### UNSPSC

UNSPSC 21.0	39131700
-------------	----------

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)