# US-EMP (85,6X54) - Snap-in markers

0828783

https://www.phoenixcontact.com/us/products/0828783

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 (RAL 9010), 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: 2, text field height: 54 mm, text field width: 85.6 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 | 0828783 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG09 |
| Product key | BG2419 |
| GTIN | 4046356558686 |
| Weight per piece (including packing) | 14.76 g |
| Weight per piece (excluding packing) | 13.37 g |
| Customs tariff number | 39269097 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Device marker |

### Marking

| | |
|---|---|
| Number of individual labels | 2 |
| Number of individual labels per row | 1 |
| Identification technology | Thermotransfer |

## Dimensions

| | |
|---|---|
| Width | 84.90 mm |
| Height | 53.70 mm |
| Depth | 0.50 mm |

### Text field

| | |
|---|---|
| Text field width | 85.6 mm |
| Text field height | 54 mm |

## Material specifications

| | |
|---|---|
| RoHS compliant | yes |
| Foil strength | 500 µm |
| Color | white (RAL 9010) |
| Flammability rating according to UL 94 | V0 |
| Base element material | PVC |
| 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 | DIN EN ISO 4892-2:2021-11 (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) |

| | |
|---|---|
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane<br>[CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether<br>[CAS No. 64742-82-1] | Test passed |

Testing in a condensation changing climate in the presence of sulfur dioxide

| | |
|---|---|
| Specification | DIN EN ISO 22479:2022-08 |
| Result | Test passed |
| Procedure | Method B |
| Cycles | 2 |

Salt spray test

| | |
|---|---|
| Specification | DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10 |
| Result | Test passed |

## Mounting

| | |
|---|---|
| Mounting type | latching |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27281106 |
| ECLASS-15.0 | 27281106 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001288 |

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.055 kg CO2e |

Phoenix Contact 2026 © - 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