

# US-EMSP (50X30) YE - Device marker



0828927

<https://www.phoenixcontact.com/us/products/0828927>

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Device marker, Card, yellow, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: screw, rivet, Number of individual labels: 4, text field height: 30 mm, text field width: 50 mm

## 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                          | 0828927       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG09          |
| Product key                          | BG2419        |
| GTIN                                 | 4046356559669 |
| Weight per piece (including packing) | 15.124 g      |
| Weight per piece (excluding packing) | 14.2 g        |
| Customs tariff number                | 39269097      |
| Country of origin                    | DE            |

## Technical data

### Product properties

|              |              |
|--------------|--------------|
| Product type | Gerätemarker |
|--------------|--------------|

### Marking

|                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| Number of individual labels         | 4                                                        |
| Number of individual labels per row | 1                                                        |
| Identification technology           | Thermal transfer for sheets and cards, UV LED technology |

### Mounting

|               |              |
|---------------|--------------|
| Mounting type | screw, rivet |
|---------------|--------------|

### Material specifications

|                                        |                   |
|----------------------------------------|-------------------|
| RoHS compliant                         | yes               |
| Foil strength                          | 500 µm            |
| Color                                  | yellow (RAL 1018) |
| 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                                   | DIN EN 61010-1 (VDE 0411-1):2011-07            |
|                                                 | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl<br>[CAS No. 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 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  | 59.70 mm |
| Height | 29.80 mm |
| Depth  | 0.50 mm  |

## Standards and regulations

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 27281103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001288 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

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## 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% |

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