

# US-EMT (50X26) - Insert label



0803851

<https://www.phoenixcontact.com/us/products/0803851>

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Insert label, Card, white (RAL 9010), unmarked, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: latching, Number of individual labels: 10, text field height: 26 mm, text field width: 50 mm



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0803851       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG09          |
| Product key                          | BG2419        |
| GTIN                                 | 4055626172866 |
| Weight per piece (including packing) | 5.81 g        |
| Weight per piece (excluding packing) | 5.96 g        |
| Customs tariff number                | 39204910      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

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

### Marking

|                                     |                  |
|-------------------------------------|------------------|
| Number of individual labels         | 10               |
| Number of individual labels per row | 2                |
| Identification technology           | Thermal transfer |

### Dimensions

|        |          |
|--------|----------|
| Width  | 50.00 mm |
| Height | 25.60 mm |
| Depth  | 0.18 mm  |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 50 mm |
| Text field height | 26 mm |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Color                 | white (RAL 9010)               |
| Material              | Polyester                      |
| Base element material | Polyester                      |
| Components            | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| Ambient temperature (operation)                     | -40 °C ... 120 °C |
| Recommended ambient temperature (storage/transport) | 23 °C             |
| Recommended humidity (storage/transport)            | 50 %              |

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

|                                                                   |                         |
|-------------------------------------------------------------------|-------------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VDMA 24364-A1-L:2018-05 |
| Result                                                            | Test passed             |

#### UV resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result        | Test passed                           |
| Test duration | 96 h                                  |
| Procedure     | Artificial irradiation.               |

#### Temperature resistance

|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 125 °C (150 °C) | Test passed                     |

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## Wipe resistance of inscriptions

|                                                   |                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------|
| Specification                                     | DIN EN 61010-1 (VDE 0411-01):2020-03<br>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                                                                            |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                                                            |

## Immersion in chemicals, oil & fuel

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Specification                                     | ISO 175:2010 (following) |
| Test duration                                     | 168 h                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed              |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ]     | Test passed              |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed              |
| Diesel<br>[CAS No. 68476-34-6]                    | Test passed              |
| IRM 901                                           | Test passed              |
| IRM 902                                           | Test passed              |
| IRM 903                                           | 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                                   |
| Test duration | 96 h                                          |

## Standards and regulations

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

## Mounting

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

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## Classifications

### ECLASS

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

### ETIM

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