

# UCT-EM (20X8) - Snap-in markers



0801477

<https://www.phoenixcontact.com/us/products/0801477>

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Snap-in markers, Sheet, white (RAL 9010), unmarked, can be labeled with: BLUEMARK E. CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME 2.0, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, TOPMARK NEO, TOPMARK LASER, mounting type: latching, Number of individual labels: 24, text field height: 8 mm, text field width: 20 mm

## Your advantages

- The UCT-EM ... UniCard marking range includes markers for devices and switching devices from a wide range of manufacturers
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely using the card printers
- The sheets provide additional space for project information and function text that can be helpful during further assembly
- The multi-section marking strips are easy to fit and can be easily separated if required
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0801477       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG10          |
| Product key                          | BG2418        |
| GTIN                                 | 4046356673273 |
| Weight per piece (including packing) | 13.178 g      |
| Weight per piece (excluding packing) | 13.16 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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## Technical data

### Product properties

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

#### Marking

|                                     |                                                             |
|-------------------------------------|-------------------------------------------------------------|
| Number of individual labels         | 24                                                          |
| Number of individual labels per row | 6                                                           |
| Identification technology           | Thermotransfer, UV-LED-Technologie, Laserdirektbeschriftung |

### Dimensions

|        |          |
|--------|----------|
| Width  | 19.80 mm |
| Height | 7.90 mm  |
| Depth  | 3.05 mm  |

#### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 20 mm |
| Text field height | 8 mm  |

### Material specifications

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| Color                                                  | white (RAL 9010)               |
| Flammability rating according to UL 94                 | V0                             |
| Base element material                                  | PC                             |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3                    |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3                    |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3                    |
| Components                                             | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|                                                     |                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -40 °C ... 100 °C                                                               |
| Recommended ambient temperature (storage/transport) | 23 °C                                                                           |
| Recommended humidity (storage/transport)            | 50 % (Storage in a dry and dark place in the original packaging is recommended) |

#### 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             |

#### 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          |

#### Scratch resistance

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|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements  | ≥ 5 N                          |
| Result        | Test passed                    |

## Tesa film test

|               |                                     |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result        | Test passed                         |

## UV resistance

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

## 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                                                                            |

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

|               |                      |
|---------------|----------------------|
| Specification | EN ISO 22479:2022-06 |
| 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) |
|-----------------|-----------------------------|

## Standards

|                       |            |
|-----------------------|------------|
| Standards/regulations | EN 45545-2 |
|-----------------------|------------|

## 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% |
| EF3.1 Climate Change                    |                            |
| CO2e kg                                 | 0.054 kg CO2e              |

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