

# UM6R-TM (6X10) - Marker for terminal blocks



0830921

<https://www.phoenixcontact.com/us/products/0830921>

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Marker for terminal blocks, Strip, 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: 20, text field height: 10 mm, text field width: 6 mm



## Your advantages

- The markers, which are supplied in uniform strips, can be printed onto quickly and easily using the BLUEMARK printing systems
- The UM6R-TM ... UM labeling range includes terminal markers for entrelec terminal blocks
- The multi-section marking strips are easy to fit and can be easily separated if required
- The markers support multi-line labeling

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0830921       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG08          |
| Product key                          | BGE21C        |
| GTIN                                 | 4046356910569 |
| Weight per piece (including packing) | 1.95 g        |
| Weight per piece (excluding packing) | 1.95 g        |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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## Technical data

### Product properties

|                     |                 |
|---------------------|-----------------|
| Product type        | Terminal marker |
| Area of application | entrelec        |

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 20                |
| Number of individual labels per row | 10                |
| Number of marker strips             | 2                 |
| Slot type                           | high              |
| Identification technology           | UV LED technology |

### Dimensions

|        |         |
|--------|---------|
| Width  | 5.45 mm |
| Height | 9.90 mm |
| Depth  | 2.35 mm |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 6 mm  |
| Text field height | 10 mm |

### Material specifications

|  |  |
|--|--|
| RoHS compliant                         | yes                                      |
| Color                                  | white (RAL 9010)                         |
| Flammability rating according to UL 94 | V2                                       |
| Base element material                  | PC                                       |
| Components                             | free from silicone, halogen, and cadmium |

### 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) | VW PV 3.10.7:2005-02 |
| Result  | Test passed          |

#### UV resistance

|               |                                |
|---------------|--------------------------------|
| Specification | ISO 4892-2:2013-03 (following) |
| Result        | Test passed                    |
| Test duration | 96 h                           |

#### Wipe resistance of inscriptions

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|   |  |
|---|--|
| 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 50018:2013-05 |
| Result        | Test passed       |
| Climate level | AHT 1.0 S         |
| Cycles        | 2                 |

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |

## Mounting

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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281101 |
| ECLASS-15.0 | 27281101 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000761 |
|-----------|----------|

### 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 | 0.007 kg CO2e |
|---------|---------------|

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