

# UM-TMF (5X5) - Marker for terminal blocks



0830927  
<https://www.phoenixcontact.com/gb/products/0830927>

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Marker for terminal blocks, Strip, white, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: latching, Number of individual labels: 24, text field height: 5 mm, text field width: 5 mm



## Your advantages

- The markers, which are supplied in uniform strips, can be printed onto quickly and easily using the BLUEMARK printing systems
- The UM-TMF ... UM labeling range includes terminal markers for Phoenix Contact terminal blocks with flat marker groove
- 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                          | 0830927       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BGE21C        |
| Product key                          | BGE21C        |
| GTIN                                 | 4046356910620 |
| Weight per piece (including packing) | 1.4 g         |
| Weight per piece (excluding packing) | 1.23 g        |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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## Technical data

### Product properties

|                     |                 |
|---------------------|-----------------|
| Product type        | Klemmenmarker   |
| Area of application | Phoenix Contact |

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 24                |
| Number of individual labels per row | 12                |
| Number of marker strips             | 2                 |
| Identification technology           | UV LED technology |

### Dimensions

|        |         |
|--------|---------|
| Width  | 5.15 mm |
| Height | 6.45 mm |
| Depth  | 1.64 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

#### 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                    |

#### Wipe resistance of inscriptions

|                                                 |                                                |
|-------------------------------------------------|------------------------------------------------|
| Specification                                   | IEC 61010-1:2010-06                            |
|                                                 | 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         |

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|        |   |
|--------|---|
| Cycles | 2 |
|--------|---|

## Salt spray test

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

## Ambient conditions

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

## Mounting

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

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
|-------------------------------------|----------------------------|

### EF3.0 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.005 kg CO2e |
|---------|---------------|

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