

# UM1-TMF (3,5X5) - Marker for terminal blocks



0830935

<https://www.phoenixcontact.com/au/products/0830935>

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Marker for terminal blocks, Strip, white, unlabeled, 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, for terminal block width: 3.5 mm, Number of individual labels: 34, text field height: 5 mm, text field width: 3.5 mm



## Your advantages

- The markers, which are supplied in uniform strips, can be printed onto quickly and easily using the BLUEMARK printing systems
- The UM1-TMF ... UM labeling range includes terminal markers for Weidmüller, Wago, ABB (entrelec), CONTA-CLIP, and Klemmsan 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                          | 0830935             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BGE21C              |
| Product key                          | BGE21C              |
| Catalog page                         | Page 171 (C-3-2019) |
| GTIN                                 | 4046356910712       |
| Weight per piece (including packing) | 1.27 g              |
| Weight per piece (excluding packing) | 1.27 g              |
| Customs tariff number                | 39269097            |
| Country of origin                    | PL                  |

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## Technical data

### Product properties

|                     |                                                                  |
|---------------------|------------------------------------------------------------------|
| Product type        | Terminal marking                                                 |
| Area of application | Weidmüller, Wago, ABB, CONTA-CLIP, and Klemmsan: Terminal blocks |
| Pitch               | 3.5 mm                                                           |
| Type                | flat                                                             |

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 34                |
| Number of individual labels per row | 17                |
| Number of marker strips             | 2                 |
| Identification technology           | UV LED technology |

### Dimensions

|        |        |
|--------|--------|
| Width  | 3.5 mm |
| Length | 5 mm   |
| Pitch  | 3.5 mm |

### Text field

|                   |        |
|-------------------|--------|
| Text field width  | 3.5 mm |
| Text field height | 5 mm   |

### Material specifications

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| RoHS compliant                         | yes                                      |
| Color                                  | white (RAL 9010)                         |
| Material                               | PC                                       |
| Flammability rating according to UL 94 | V2                                       |
| 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                    |
| Test duration | 96 h                           |

#### Wipe resistance of inscriptions

|                                |                                                                       |
|--------------------------------|-----------------------------------------------------------------------|
| Specification                  | IEC 61010-1:2010-06<br>DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl<br>[CAS No. 67-63-0] | Test passed                                                           |

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|                                                 |             |
|-------------------------------------------------|-------------|
| 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               |

## Ambient conditions

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

## 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 | 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                                 | 0.009 kg CO2e              |

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