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

0830902

https://www.phoenixcontact.com/pc/products/0830902

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Marker for terminal blocks, Strip, white, unlabeled, 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: snapped, for terminal block width: 5 mm, lettering field size: 5 x 5 mm, Number of individual labels: 24

## 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 Klemsan 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 | 0830902 |
|---|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Product key | BG211C |
| Catalog page | Page 171 (C-3-2019) |
| GTIN | 4046356910323 |
| Weight per piece (including packing) | 1.32 g |
| Weight per piece (excluding packing) | 1.26 g |
| Customs tariff number | 39269097 |
| Country of origin | PL |

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## Technical data

### Product properties

| | |
|---|---|
| Product type | Terminal marking |
| Pitch | 5 mm |
| Type | flat |
| Area of application | Weidmüller, Wago, ABB, CONTA-CLIP, and Klemsan: Terminal blocks |

#### Marking

| | |
|---|---|
| Number of individual labels | 24 |
| Number of individual labels per row | 12 |
| Number of marker strips | 2 |

#### Marking technology

| | |
|---|---|
| Device | 5146464 THERMOMARK CARD |
| | 5147999 BLUEMARK CLED |
| Ink ribbon | 0801371 THERMOMARK-RIBBON 110-TC |
| Printability | Thermal transfer |
| | UV LED technology |

### Dimensions

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

### Material specifications

| | |
|---|---|
| RoHS compliant | yes |
| Color | white |
| 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 |
| | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |

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 | snapped |