

# UCT-TM 6 - Marker for terminal blocks



0828736  
<https://www.phoenixcontact.com/pc/products/0828736>

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Marker for terminal blocks, Sheet, 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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

## Your advantages

- The UCT-TM... UniCard labeling range includes markers for Phoenix Contact products with tall marker grooves, e.g. terminals
- 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                          | 0828736             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Product key                          | BG2118              |
| Catalog page                         | Page 132 (C-3-2019) |
| GTIN                                 | 4046356522465       |
| Weight per piece (including packing) | 15.53 g             |
| Weight per piece (excluding packing) | 15.53 g             |
| Customs tariff number                | 39269097            |
| Country of origin                    | PL                  |

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## Technical data

### Notes

|         |                                     |
|---------|-------------------------------------|
| General | Can be labeled via thermal transfer |
|---------|-------------------------------------|

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Terminal marking |
| Pitch        | 6.2 mm           |
| Type         | high             |

### Marking

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| Number of individual labels         | 60                                                                             |
| Number of individual labels per row | 10                                                                             |
| Identification technology           | Thermal transfer for sheets and cards, UV LED technology, direct laser marking |

### Dimensions

|        |         |
|--------|---------|
| Width  | 5.6 mm  |
| Height | 4.76 mm |
| Length | 10.5 mm |
| Pitch  | 6.2 mm  |

### Material specifications

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| RoHS compliant                                                   | yes                            |
| Color                                                            | white                          |
| Material                                                         | PC                             |
| Flammability rating according to UL 94                           | V0                             |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C                         |
| 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

#### Test for substances that would hinder coating with paint or varnish

|        |             |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

#### Scratch test for the determining scratch resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 1518-1:2019-10 (following) |
| Requirements  | ≥ 5 N                                 |
| Result        | Test passed                           |

#### Tesafilm test

|               |                                  |
|---------------|----------------------------------|
| Specification | DIN EN ISO 2409:2013 (following) |
| Result        | Test passed                      |

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## UV resistance

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

## Temperature resistance

|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 100 °C (121 °C) | Test passed                     |

## 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) |
| 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                                                                            |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                                                            |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                                                            |
| Specification                                     | ISO 175:2010 (following)                                                               |
| Test duration                                     | 168 h                                                                                  |

## 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               |
| Test duration | 96 h                      |

## Ambient conditions

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| Ambient temperature (operation)                     | -40 °C ... 120 °C |
| Recommended ambient temperature (storage/transport) | 23 °C             |
| Recommended humidity (storage/transport)            | 50 %              |
| Shelf life                                          | 2 years           |

## Standards and regulations

|                 |                             |
|-----------------|-----------------------------|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|

## Mounting

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|               |         |
|---------------|---------|
| Mounting type | snapped |
|---------------|---------|

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