

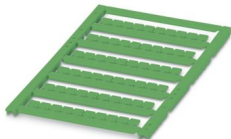
# UCT1-TMF 6 GN - Marker for terminal blocks



0829248

<https://www.phoenixcontact.com/us/products/0829248>

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UniCard materials for thermal transfer printers, for labeling Weidmüller, Conta Clip, and Klemsan terminal blocks with horizontal marker groove, 60-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: green

## Your advantages

- The UCT1-TMF ... UniCard labeling range includes markers for Weidmüller, Wago, ABB (entrelec), Conta-Clip, and Klemsan terminal blocks
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0829248             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG07                |
| Product key                          | BG2118              |
| Catalog page                         | Page 170 (C-3-2017) |
| GTIN                                 | 4046356596435       |
| Weight per piece (including packing) | 10.2 g              |
| Weight per piece (excluding packing) | 9.4 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                                                 |
| Area of application | Weidmüller, Wago, ABB, CONTA-CLIP, and Klemmsan: Terminal blocks |
| Pitch               | 6.2 mm                                                           |
| Type                | flat                                                             |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 03 |
|------------------|----|

### 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             | 5.45 mm |
| Text field width  | 5.45 mm |
| Height            | 2.36 mm |
| Text field height | 5.20 mm |
| Length            | 5.2 mm  |
| Pitch             | 6.2 mm  |

### Material specifications

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| RoHS compliant                                                   | yes                            |
| Color                                                            | green (RAL 6021)               |
| 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 |
|--------|-------------|

#### UV resistance

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

## Wipe resistance of inscriptions

|                                                 |                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| Specification                                   | DIN EN 61010-1 (VDE 0411-1):2011-07<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                                                                           |

## 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 storage conditions                      | 23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended. |
| 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-11.0 | 27281101 |
| ECLASS-12.0 | 27281101 |
| 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% |

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