

# UCT-TMF 12 YE - Marker for terminal blocks



0829211  
<https://www.phoenixcontact.com/us/products/0829211>

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Marker for terminal blocks, Sheet, yellow, 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: latching, for terminal block width: 12 mm, Number of individual labels: 30, text field height: 4.7 mm, text field width: 11.2 mm

## Your advantages

- The UCT-TM... UniCard labeling range includes markers for Phoenix Contact products with tall and flat 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                          | 0829211             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG07                |
| Product key                          | BG2118              |
| Catalog page                         | Page 135 (C-3-2019) |
| GTIN                                 | 4046356562966       |
| Weight per piece (including packing) | 10.59 g             |
| Weight per piece (excluding packing) | 10.59 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        | 12 mm            |
| Type         | flat             |

### Data management status

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

### Marking

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| Number of individual labels         | 30                                                                             |
| Number of individual labels per row | 5                                                                              |
| Identification technology           | Thermal transfer for sheets and cards, UV LED technology, direct laser marking |

### Dimensions

|                   |          |
|-------------------|----------|
| Width             | 11.45 mm |
| Text field width  | 11.20 mm |
| Height            | 1.64 mm  |
| Text field height | 4.70 mm  |
| Length            | 5 mm     |
| Pitch             | 12 mm    |

### Material specifications

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| Color                                                  | yellow (RAL 1018)              |
| Material                                               | PC                             |
| Flammability rating according to UL 94                 | V0                             |
| 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 |
|--------|-------------|

Test for substances that would hinder coating with paint or varnish

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

Scratch test for the determining scratch resistance

|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
|---------------|--------------------------------|

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|              |             |
|--------------|-------------|
| Requirements | ≥ 5 N       |
| Result       | Test passed |

## Tesafilm test

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

## 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           |
|                                                   | 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                                    |
| Specification                                     | ISO 175:2010 (following)                       |
| Test duration                                     | 168 h                                          |
| IRM 901                                           | Test passed                                    |
| IRM 902                                           | 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               |
| Test duration | 96 h                      |

## Ambient conditions

|                                                     |                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -40 °C ... 100 °C                                                               |
| Recommended ambient temperature (storage/transport) | 23 °C                                                                           |
| Recommended humidity (storage/transport)            | 50 % (Storage in a dry and dark place in the original packaging is recommended) |

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|            |         |
|------------|---------|
| Shelf life | 2 years |
|------------|---------|

## 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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