

# UCT-TM 4 BU - Marker for terminal blocks



0829152

<https://www.phoenixcontact.com/us/products/0829152>

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Marker for terminal blocks, Sheet, blue (RAL 5015), unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: latching, for terminal block width: 4.2 mm, Number of individual labels: 84, text field height: 10.5 mm, text field width: 3.6 mm

## Your advantages

- The UCT-TM... UniCard labeling range includes markers for Phoenix Contact products with tall marker grooves, e.g. terminals
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications
- The multi-section marking strips are easy to fit and can be easily separated if required
- The markers, which are supplied in uniform sheets, can be labeled quickly, easily, and precisely using the THERMOMARK CARD and the BLUEMARK LED
- The sheets provide space for including function texts

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0829152       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG07          |
| Product key                          | BG2118        |
| GTIN                                 | 4046356595285 |
| Weight per piece (including packing) | 15.76 g       |
| Weight per piece (excluding packing) | 15.76 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

## Technical data

### Product properties

|              |                 |
|--------------|-----------------|
| Product type | Terminal marker |
| Pitch        | 4.2 mm          |

### Marking

|                                     |   |
|-------------------------------------|---|
| Number of individual labels         | 84  |
| Number of individual labels per row | 14  |
| Slot type                           | high  |
| Identification technology           | Thermotransfer, UV-LED-Technologie, Laserdirektbeschriftung |

### Dimensions

|        |          |
|--------|----------|
| Width  | 3.60 mm  |
| Height | 10.50 mm |
| Depth  | 4.60 mm  |
| Pitch  | 4.2 mm   |
| Length | 10.5 mm  |

### Text field

|                   |         |
|-------------------|---------|
| Text field width  | 3.6 mm  |
| Text field height | 10.5 mm |

### Material specifications

|  |                                |
|--|--------------------------------|
| Color  | blue (RAL 5015)                |
| Flammability rating according to UL 94                 | V0                             |
| Base element material                                  | PC                             |
| 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

#### 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) |

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

|   |                         |
|---|-------------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VDMA 24364-A1-L:2018-05 |
| Result  | Test passed             |

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|   |                      |
|---|----------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VW PV 3.10.7:2005-02 |
| Result  | Test passed          |

## Scratch resistance

|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
| 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                           |
| Procedure     | Artificial irradiation.        |

## 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) |
| Isopropanol (99%) [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  |

## Immersion in chemicals, oil & fuel

|   |                          |
|---|--------------------------|
| Specification                                 | ISO 175:2010 (following) |
| Test duration                                 | 168 h                    |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ] | Test passed              |
| Diesel<br>[CAS No. 68476-34-6]                | Test passed              |
| IRM 901                                       | Test passed              |
| IRM 902                                       | Test passed              |
| IRM 903                                       | Test passed              |

## Testing in a condensation changing climate in the presence of sulfur dioxide

|               |                      |
|---------------|----------------------|
| Specification | EN ISO 22479:2022-06 |
| Result        | Test passed          |

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|           |          |
|-----------|----------|
| Procedure | Method B |
| Cycles    | 2        |

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |
| Test duration | 96 h                      |

## 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% |
|-------------------------------------|----------------------------|

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