

# UC-TM 8 RD - Marker for terminal blocks



0818409  
<https://www.phoenixcontact.com/us/products/0818409>

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Marker for terminal blocks, Sheet, red, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 8.2 mm, Number of individual labels: 56, text field height: 10.5 mm, text field width: 7.6 mm

## Your advantages

- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK printing systems
- The UC-TM ... UniCard labeling range includes terminal markers for Phoenix Contact products with tall marker grooves
- The multi-section marking strips are easy to fit and can be easily separated if required
- The markers support multi-line labeling
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0818409             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG06                |
| Product key                          | BG2117              |
| Catalog page                         | Page 110 (C-3-2019) |
| GTIN                                 | 4046356135481       |
| Weight per piece (including packing) | 12.977 g            |
| Weight per piece (excluding packing) | 11.56 g             |
| Customs tariff number                | 39269097            |
| Country of origin                    | PL                  |

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## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Terminal marking |
| Pitch        | 8.2 mm           |
| Type         | high             |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 04 |
|------------------|----|

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 56                |
| Number of individual labels per row | 7                 |
| Identification technology           | UV LED technology |

### Dimensions

|                   |          |
|-------------------|----------|
| Width             | 8 mm     |
| Text field width  | 7.60 mm  |
| Text field height | 10.50 mm |
| Pitch             | 8.2 mm   |

### Material specifications

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| RoHS compliant                                         | yes                            |
| Color                                                  | red (RAL 3001)                 |
| Material                                               | PA                             |
| Flammability rating according to UL 94                 | V2                             |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 2                    |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 2                    |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 2                    |
| 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

|               |                                |
|---------------|--------------------------------|
| 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            |
|                                | DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropyl<br>[CAS No. 67-63-0] | Test passed                                    |

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|                                                 |             |
|-------------------------------------------------|-------------|
| 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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