

# UC-TMF 12 RD - Marker for terminal blocks



0817840  
<https://www.phoenixcontact.com/us/products/0817840>

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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: snapped, for terminal block width: 12 mm, lettering field size: 11.45 x 5.1 mm, Number of individual labels: 40

## 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 flat 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                          | 0817840             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Product key                          | BG2117              |
| Catalog page                         | Page 113 (C-3-2019) |
| GTIN                                 | 4046356108379       |
| Weight per piece (including packing) | 7.2 g               |
| Weight per piece (excluding packing) | 3.6 g               |
| Country of origin                    | PL                  |

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## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Terminal marking |
| Pitch        | 12 mm            |
| Type         | flat             |

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 40                |
| Number of individual labels per row | 5                 |
| Identification technology           | UV LED technology |

### Dimensions

|       |       |
|-------|-------|
| Width | 12 mm |
| Pitch | 12 mm |

### Material specifications

|                                                                         |                                |
|-------------------------------------------------------------------------|--------------------------------|
| RoHS compliant                                                          | yes                            |
| Color                                                                   | red                            |
| Material                                                                | PA                             |
| Flammability rating according to UL 94                                  | V2                             |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 120 °C                         |
| 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) |
|---------------|--------------------------------|

#### 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                                    |
| 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

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|               |                   |
|---------------|-------------------|
| 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 | snapped |
|---------------|---------|

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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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