

# TMT 6 R - Marker for terminal blocks



0816498

<https://www.phoenixcontact.com/pc/products/0816498>

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Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, perforated, mounting type: snapped, snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 6.35 x 6.15 mm, Number of individual labels: 16000

## Your advantages

- The TMT labeling range includes markers for all products with tall and flat marker grooves
- Quick and inexpensive marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The perforated marking strips are easy to separate and can be easily fitted using the tool supplied
- Labeling service: Phoenix Contact can custom-label all TMT ... markers in accordance with your requirements

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0816498             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Product key                          | BG2111              |
| Catalog page                         | Page 140 (C-3-2019) |
| GTIN                                 | 4046356107259       |
| Weight per piece (including packing) | 491.55 g            |
| Weight per piece (excluding packing) | 491.55 g            |
| Customs tariff number                | 39269097            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Terminal marking |
| Pitch        | 6.2 mm           |
| Type         | flat             |

### Marking

|                                     |                            |
|-------------------------------------|----------------------------|
| Number of individual labels         | 16000                      |
| Number of individual labels per row | 16                         |
| Identification technology           | Thermal transfer for rolls |

### Dimensions

|                   |         |
|-------------------|---------|
| Width             | 6.15 mm |
| Text field width  | 6.15 mm |
| Height            | 6.4 mm  |
| Text field height | 6.35 mm |
| Length            | 6.35 mm |
| Pitch             | 6.2 mm  |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Color                 | white                          |
| Material              | Polyester                      |
| Base element material | Polyester foil                 |
| 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 |
|--------|-------------|

#### Scratch test for the determining scratch resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 1518-1:2019-10 (following) |
| Requirements  | $\geq 5$ N                            |
| Result        | Test passed                           |

#### Tesa film 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

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|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 200 °C (230 °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) |
| 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                                                                            |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                                                            |
| Specification                                     | ISO 175:2010 (following)                                                               |
| Test duration                                     | 168 h                                                                                  |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                                                            |
| 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 ... 120 °C              |
| Recommended storage conditions                      | 23 °C / 50 % relative humidity |
| Recommended ambient temperature (storage/transport) | 23 °C                          |
| Recommended humidity (storage/transport)            | 50 %                           |
| Shelf life                                          | 2 years                        |

## 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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## 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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