

# TMT (EX7,5)R - Marker for terminal blocks

0803065

<https://www.phoenixcontact.com/us/products/0803065>

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Marker for terminal blocks, Roll, white (RAL 9010), unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: latching, snap into flat marker groove, Number of individual labels: 1, roll length: 50 m, text field height: 7.5 mm, text field width: 50000 mm

## 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 thermal transfer printer cutting units make it possible to trim precisely to the required length
- Labeling service: Phoenix Contact can custom-label all TMT ... markers in accordance with your requirements

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0803065       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG11          |
| Product key                          | BG2111        |
| GTIN                                 | 4046356935548 |
| Weight per piece (including packing) | 354 g         |
| Weight per piece (excluding packing) | 354 g         |
| Customs tariff number                | 39269097      |
| Country of origin                    | FR            |

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## Technical data

### Notes

|                     |  |
|---------------------|--|
| Note on application | For the THERMOMARK ROLL and THERMOMARK ROLL 2.0 roll printers, this material can only be processed with an external media hub. |
|---------------------|--|

### Product properties

|                     |   |
|---------------------|---|
| Product type        | Terminal marker                                   |
| Area of application | IEC: Marker strips for connection terminal blocks |

### Marking

|                                     |                  |
|-------------------------------------|------------------|
| Number of individual labels         | 1                |
| Number of individual labels per row | 1                |
| Slot type                           | flat             |
| Identification technology           | Thermal transfer |

### Dimensions

|                |         |
|----------------|---------|
| Length of roll | 50.00 m |
| Height         | 7.50 mm |
| Depth          | 0.50 mm |

### Text field

|                   |          |
|-------------------|----------|
| Text field width  | 50000 mm |
| Text field height | 7.5 mm   |

### Material specifications

|                       |                  |
|-----------------------|------------------|
| RoHS compliant        | yes              |
| Color                 | white (RAL 9010) |
| Base element material | PVC              |
| Components            | Silicone-free    |

### Environmental and real-life conditions

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)                     | -30 °C ... 80 °C |
| Recommended ambient temperature (storage/transport) | 10 °C            |
| Recommended humidity (storage/transport)            | 40 % ... 70 %    |

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

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

#### Scratch resistance

|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements  | ≥ 5 N                          |

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

## Tesafilem test

|               |                                     |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result        | Test passed                         |

## UV resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (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  |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed  |

## Immersion in chemicals, oil & fuel

|   |                          |
|---|--------------------------|
| Specification                                     | ISO 175:2010 (following) |
| Test duration                                     | 168 h                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed              |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ]     | Test passed              |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed              |
| Gasoline<br>[CAS No. 64742-49-0]                  | 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 | DIN EN ISO 22479:2022-08 |
|---------------|--------------------------|

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|           |             |
|-----------|-------------|
| Result    | Test passed |
| Procedure | Method B    |
| Cycles    | 2           |

## Salt spray test

|               |   |
|---------------|---|
| Specification | DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10 |
| Result        | Test passed                                   |
| Test duration | 96 h  |

## Mounting

|               |          |
|---------------|----------|
| Mounting type | latching |
|---------------|----------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281101 |
| ECLASS-15.0 | 27281101 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | 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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