

# WMTB HF (40X12)R BK - Cable marker



1369829

<https://www.phoenixcontact.com/us/products/1369829>

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Cable marker, Roll, black (RAL 9005), 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: Assembly with cable ties, cable diameter:  $\geq 6$  mm, Number of individual labels: 1000, text field height: 18 mm, text field width: 40 mm

## Your advantages

- The WMTB HF ... conductor and cable marking is used for the identification and bundling conductors and cables indoors and outdoors
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The markers are made of a halogen-free material
- The highly flexible material adapts to the conductors and cables

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1369829       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG15          |
| Product key                          | BG2311        |
| GTIN                                 | 4063151723460 |
| Weight per piece (including packing) | 1,152.8 g     |
| Weight per piece (excluding packing) | 1,152.8 g     |
| Customs tariff number                | 39204910      |
| Country of origin                    | DK            |

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## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Conductor marker |
|--------------|------------------|

### Marking

|                                     |                |
|-------------------------------------|----------------|
| Number of individual labels         | 1000           |
| Number of individual labels per row | 1              |
| Identification technology           | Thermotransfer |

### Dimensions

|        |        |
|--------|--------|
| Width  | 60 mm  |
| Height | 27 mm  |
| Depth  | 0.6 mm |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 40 mm |
| Text field height | 18 mm |

### Material specifications

|  |                         |
|--|-------------------------|
| Color                                  | black (RAL 9005)        |
| Material                               | PUR                     |
| Flammability rating according to UL 94 | V2 (0,75 mm Wandstärke) |
| Base element material                  | PUR                     |
| Components                             | halogen-free            |

### Cable/line

|                         |           |
|-------------------------|-----------|
| External cable diameter | ≥ 6.00 mm |
|-------------------------|-----------|

### Environmental and real-life conditions

#### Ambient conditions

|   |                   |
|---|-------------------|
| Ambient temperature (operation)                     | -25 °C ... 100 °C |
| Recommended ambient temperature (storage/transport) | 10 °C             |
| Recommended humidity (storage/transport)            | 45 % ... 55 %     |

#### 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                          |
| Result        | Test passed                    |

#### Tesafilm test

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|               |                                     |
|---------------|-------------------------------------|
| 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 125 °C (150 °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) |
| 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                    |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed              |
| 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 | DIN EN ISO 22479:2022-08 |
| 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

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Mounting type

Assembly with cable ties

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281102 |
| ECLASS-15.0 | 27281102 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001530 |
|-----------|----------|

### 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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