

WMTB HF (40X12)R - Cable marker



0830407

<https://www.phoenixcontact.com/us/products/0830407>

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Cable marker, 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: Assembly with cable ties, cable diameter: ≥ 6 mm, Number of individual labels: 1000, text field height: 12 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
- The highly flexible material adapts to the conductors and cables
- 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

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0830407 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BG15 |
| Product key | BG2311 |
| GTIN | 4046356715997 |
| Weight per piece (including packing) | 1,069 g |
| Weight per piece (excluding packing) | 1,030 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 | 11.55 mm |
| Depth | 0.6 mm |

Text field

| | |
|-------------------|-------|
| Text field width | 40 mm |
| Text field height | 12 mm |

Material specifications

| | |
|--|-------------------------|
| RoHS compliant | yes |
| Color | white (RAL 9010) |
| 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 |

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Tesafilm 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 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane [CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether [CAS No. 64742-82-1] | Test passed |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Ethanol (99 %) [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 [CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l) [CAS No. -] | 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 |

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| | |
|---------------|------|
| Test duration | 96 h |
|---------------|------|

Standards and regulations

| | |
|-----------------|-----------------------------|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|

Mounting

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