

UCT-TMF 5 - Marker for terminal blocks



0828744

<https://www.phoenixcontact.com/us/products/0828744>

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Marker for terminal blocks, Sheet, white (RAL 9010), unmarked, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME 2.0, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, TOPMARK NEO, TOPMARK LASER, mounting type: latching, for terminal block width: 5.2 mm, Number of individual labels: 72, text field height: 4.7 mm, text field width: 4.4 mm

Your advantages

- The UCT-TM... UniCard labeling range includes markers for Phoenix Contact products with tall and flat marker grooves, e.g. terminals
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely using the card printers
- The sheets provide additional space for project information and function text that can be helpful during further assembly
- The multi-section marking strips are easy to fit and can be easily separated if required
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0828744 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG07 |
| Product key | BG2118 |
| GTIN | 4046356523554 |
| Weight per piece (including packing) | 10.726 g |
| Weight per piece (excluding packing) | 7.8 g |
| Customs tariff number | 39269097 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|--------------|-----------------|
| Product type | Terminal marker |
| Pitch | 5.2 mm |

Marking

| | |
|-------------------------------------|---|
| Number of individual labels | 72 |
| Number of individual labels per row | 12 |
| Slot type | flat |
| Identification technology | Thermotransfer, UV-LED-Technologie, Laserdirektbeschriftung |

Dimensions

| | |
|--------|---------|
| Width | 4.60 mm |
| Height | 6.45 mm |
| Depth | 1.64 mm |
| Pitch | 5.2 mm |

Text field

| | |
|-------------------|--------|
| Text field width | 4.4 mm |
| Text field height | 4.7 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | white (RAL 9010) |
| Flammability rating according to UL 94 | V0 |
| Base element material | PC |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Components | free from silicone and halogen |

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Recommended ambient temperature (storage/transport) | 23 °C |
| Recommended humidity (storage/transport) | 50 % (Storage in a dry and dark place in the original packaging is recommended) |

Test for substances that would hinder coating with paint or varnish

| | |
|---|-------------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VDMA 24364-A1-L:2018-05 |
| Result | Test passed |

Test for substances that would hinder coating with paint or varnish

| | |
|---|----------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VW PV 3.10.7:2005-02 |
|---|----------------------|

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

Scratch resistance

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

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 0411-01):2020-03 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 |
| Saltwater (saturated 350 g/l) [CAS No. -] | Test passed |
| Diesel [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 | EN ISO 22479:2022-06 |
| Result | Test passed |

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

Standards and regulations

Standards

| | |
|-----------------------|------------|
| Standards/regulations | EN 45545-2 |
|-----------------------|------------|

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.044 kg CO2e |
|---------|---------------|

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