

US-EML (20X8) - Label

0800458

<https://www.phoenixcontact.com/us/products/0800458>

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Label, Card, white (RAL 9010), unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, Number of individual labels: 64, text field height: 8 mm, text field width: 20 mm



Your advantages

- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and inexpensively
- The US-EML ... UniSheet marking ranges provide markers for identification of equipment in controller, system, and control cabinet building
- The pre-punched labels are easy to separate and can be easily attached
- The sheets provide space for including function descriptions in the project fields
- When used in conjunction with high-quality ink ribbons, they result in a highly resistant form of labeling that is suitable for harsh environments
- A wide range of marker sizes and colors are available for custom designs

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0800458 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG09 |
| Product key | BG2419 |
| GTIN | 4046356606325 |
| Weight per piece (including packing) | 5.767 g |
| Weight per piece (excluding packing) | 4.46 g |
| Customs tariff number | 39199080 |
| Country of origin | DE |

Technical data

Product properties

| | |
|--------------|---------------|
| Product type | Device marker |
|--------------|---------------|

Marking

| | |
|-------------------------------------|------------------------------------|
| Number of individual labels | 64 |
| Number of individual labels per row | 4 |
| Identification technology | Thermotransfer, UV-LED-Technologie |

Dimensions

| | |
|--------|----------|
| Width | 20.00 mm |
| Height | 8.00 mm |
| Depth | 0.06 mm |

Text field

| | |
|-------------------|-------|
| Text field width | 20 mm |
| Text field height | 8 mm |

Material specifications

| | |
|-----------------------|--------------------------------|
| RoHS compliant | yes |
| Foil strength | 50 µm |
| Adhesive strength | 20 µm |
| Adhesive | Acrylic |
| Color | white (RAL 9010) |
| Base element material | Polyester |
| Components | free from silicone and halogen |

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------|
| Ambient temperature (operation) | -40 °C ... 150 °C |
| Recommended ambient temperature (storage/transport) | 23 °C |
| Recommended humidity (storage/transport) | 50 % |

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 |
| Result | Test passed |

UV resistance

| | |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |
| Test duration | 96 h |

Wipe resistance of inscriptions

| | |
|---------------|-------------------------------------|
| Specification | DIN EN 61010-1 (VDE 0411-1):2011-07 |
|---------------|-------------------------------------|

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

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 |

Mounting

| | |
|---------------|----------|
| Mounting type | adhesive |
|---------------|----------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 27281103 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001288 |
|-----------|----------|

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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