

US-EMP (52,5X15) SR - Snap-in markers



0830311

<https://www.phoenixcontact.com/us/products/0830311>

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Snap-in markers, Card, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: latching, Number of individual labels: 16, text field height: 15 mm, text field width: 52.5 mm



Your advantages

- The markers, which are supplied in uniform sheets, can be labeled quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers and labels are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- The US-EMP ... UniSheet labeling range includes markers that can be fitted into existing CARRIER EMP ... label frames

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0830311 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG09 |
| Product key | BG2419 |
| GTIN | 4046356715720 |
| Weight per piece (including packing) | 14.635 g |
| Weight per piece (excluding packing) | 14.635 g |
| Customs tariff number | 39269097 |
| Country of origin | DE |

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Technical data

Product properties

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

Marking

| | |
|-------------------------------------|----------------|
| Number of individual labels | 16 |
| Number of individual labels per row | 2 |
| Identification technology | Thermotransfer |

Dimensions

| | |
|--------|----------|
| Width | 52.00 mm |
| Height | 14.90 mm |
| Depth | 0.50 mm |
| Length | 15 mm |

Text field

| | |
|-------------------|---------|
| Text field width | 52.5 mm |
| Text field height | 15 mm |

Material specifications

| | |
|----------------------------------------|----------------|
| RoHS compliant | yes |
| Foil strength | 500 µm |
| Color | silver-colored |
| Material | PVC PVC |
| Flammability rating according to UL 94 | V0 |
| 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) | 35 % ... 65 % |

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 | ISO 4892-2:2013-03 (following) |
| Result | Test passed |
| Test duration | 96 h |

Wipe resistance of inscriptions

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| | |
|-------------------------------------------------|------------------------------------------------|
| Specification | IEC 61010-1:2010-06 |
| | 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 50018:2013-05 (following) |
| Result | Test passed |
| Climate level | AHT 1.0 S |
| Cycles | 2 |

Salt spray test

| | |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result | Test passed |

Standards and regulations

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

Mounting

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

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Classifications

ECLASS

ECLASS-13.0

27281106

ETIM

ETIM 9.0

EC001530

UNSPSC

UNSPSC 21.0

39131700

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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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