

US-PML-ESS100 (D90) YE - Label



0803872

<https://www.phoenixcontact.com/us/products/0803872>

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Label, for marking emergency stop buttons, Card, yellow (RAL 1018), 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, diameter: 90 mm, Number of individual labels: 1, text field height: 90 mm, text field width: 90 mm



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0803872 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG09 |
| Product key | BG2619 |
| GTIN | 4055626173160 |
| Weight per piece (including packing) | 5.97 g |
| Weight per piece (excluding packing) | 5.97 g |
| Customs tariff number | 39199080 |
| Country of origin | DE |

Technical data

Product properties

| | |
|---------------------|---|
| Product type | Plant marker |
| Area of application | Identification of emergency stop buttons according to ISO 13850 |

Marking

| | |
|-------------------------------------|------------------|
| Number of individual labels | 1 |
| Number of individual labels per row | 1 |
| Identification technology | Thermal transfer |

Dimensions

| | |
|--------|----------|
| Width | 90.00 mm |
| Height | 90.00 mm |
| Depth | 0.08 mm |

Text field

| | |
|-------------------|-------|
| Text field width | 90 mm |
| Text field height | 90 mm |

Material specifications

| | |
|-----------------------|-------------------|
| Foil strength | 60 µm |
| Adhesive strength | 25 µm |
| Adhesive | Acrylic |
| Color | yellow (RAL 1018) |
| Base element material | PVC |
| Components | Silicone-free |

Environmental and real-life conditions

Ambient conditions

| | |
|---|--|
| Ambient temperature (operation) | -40 °C ... 60 °C |
| Recommended ambient temperature (storage/transport) | 22 °C |
| Recommended humidity (storage/transport) | 50 % ... 55 % (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) | VW PV 3.10.7:2005-02 |
| Result | Test passed |

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

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

Tesaflim 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. |

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 | 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 |

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Mounting

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 40200202 |
| ECLASS-15.0 | 40200202 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001777 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 55121700 |
|-------------|----------|

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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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