

LS-EMSP-AL (75,6X54) GN CUS - Device marker



0831936

<https://www.phoenixcontact.com/us/products/0831936>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Device marker, Aluminum label, can be ordered: Piece, green (RAL 6021), labeled according to customer specifications, mounting type: screw, rivet, Number of individual labels: 6, text field height: 54 mm, text field width: 75.6 mm



Your advantages

- Aluminum equipment marking for screwing or riveting
- Identification made from metal, high strength in a lightweight design
- Increased durability due to the decoratively anodized surface

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 0831936 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | BG814D |
| GTIN | 4046356930659 |
| Weight per piece (including packing) | 78.1 g |
| Weight per piece (excluding packing) | 78.1 g |
| Country of origin | PL |

Technical data

Product properties

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

Marking

| | |
|-----------------------------|----------------------|
| Number of individual labels | 6 |
| Identification technology | Direct laser marking |

Dimensions

| | |
|--------|----------|
| Width | 85.00 mm |
| Height | 53.70 mm |
| Depth | 0.80 mm |
| Length | 53.7 mm |

Text field

| | |
|-------------------|---------|
| Text field width | 75.6 mm |
| Text field height | 54 mm |

Material specifications

| | |
|-----------------------|--|
| Color | green (RAL 6021) |
| Base element material | Aluminum |
| Components | free from silicone, halogen, and cadmium |

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------|
| Ambient temperature (operation) | -20 °C ... 125 °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 |

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 |

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. |

Weathering-resistance

| | |
|---------------|---------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 |
| Test duration | 2000 h |
| Procedure | A |

Temperature resistance

| | |
|------------------------|---|
| Note | The information does not apply to the color fastness of the material. |
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 125 °C (150 °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 |
| Acetone (99 %) [CAS No. 67-64-1] | 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 |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |
| Acetone (99 %) [CAS No. 67-64-1] | Test passed |
| Methylethylketone (MEK) [CAS No. 78-93-3] | Test passed |
| Gasoline [CAS No. 64742-49-0] | Test passed |

0831936

<https://www.phoenixcontact.com/us/products/0831936>

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

High pressure test

| | |
|---------------|-------------------|
| Specification | ISO 20653:2013-02 |
| Result | Test passed |
| IP-Code | IP X9K |

Standards and regulations

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

Mounting

| | |
|---------------|--------------|
| Mounting type | screw, rivet |
|---------------|--------------|

0831936

<https://www.phoenixcontact.com/us/products/0831936>

Classifications

ECLASS

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

ETIM

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

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

LS-EMSP-AL (75,6X54) GN CUS - Device marker



0831936

<https://www.phoenixcontact.com/us/products/0831936>

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%

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com