

Tailor-made Products

Light signboard « PORT DU MASQUE »



Reference :

Define name - VOLTAGE + COLOR

Example : PORTMASQUE24CCBe

+ Flashing option

/ Generalities

Product tailor-made LED light signboard «FAE» in ABS. It allows the recall to wearing a protecting device to protect personnel working in a defined work area with a light signaling. It has a text and an picture, backlit, blue, flashing.

/ Description

- Body : in black ABS (UL 94-V0), Sizes : 400 x 300 x 68 mm (15,75" x 11,8" x 2,68"), with fastener sole. polycarbonate pane (UL94-V0). Silkscreen tailor made. IP44, possibility IP55.
- Terminals : Passage of the wire cable gland, terminal connections inside on PCB. Additional connectors to tensions and options added.
- Front face : 102 high brightness blue LED. Other Colors choice : red (R), green (V), amber (A), white (BC) or multicolored (RGB). vinyl silkscreen on Plexiglass pane.

/ Technical specifications

- Supply voltage (+/-20%) and consumption , in flashing light (cyclical ratio 50%) :

Color	Blue flashing light
Voltage	
24 Vdc	7.2 W

- Conformities : Norms EN55015, EN61547, EN61000-6-2, EN61000-6-4, ROHS, Reach, CE.
- Flashing adjustment : between 0,5 to 4 Hz.
- Lifetime (MTBF*) : 100 000 hours.
- Operating temperature : -30°C à +70°C. (22°F to 158°F).
- IP protection standard : IP 44 possibility IP55 (optional).

(* : mean time between failure)

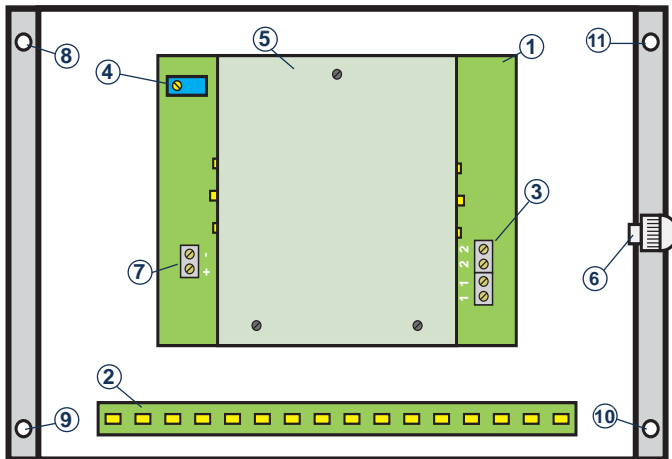
/ Avantages

- Insensitivity to vibrations, mechanical shocks.
- Resistance to moisture and water splashes.
- Electrical shocks resist : 5KV during 50µs.
- Immunity against magnetic fields.
- Assembly and disassembly easy, fast and secure .
- Exceptionally long life and unparalleled.
- Low power consumption and heat dissipation.
- Custom writing, custom silk-screen printing ability.



Electrical connections

• Internal view :

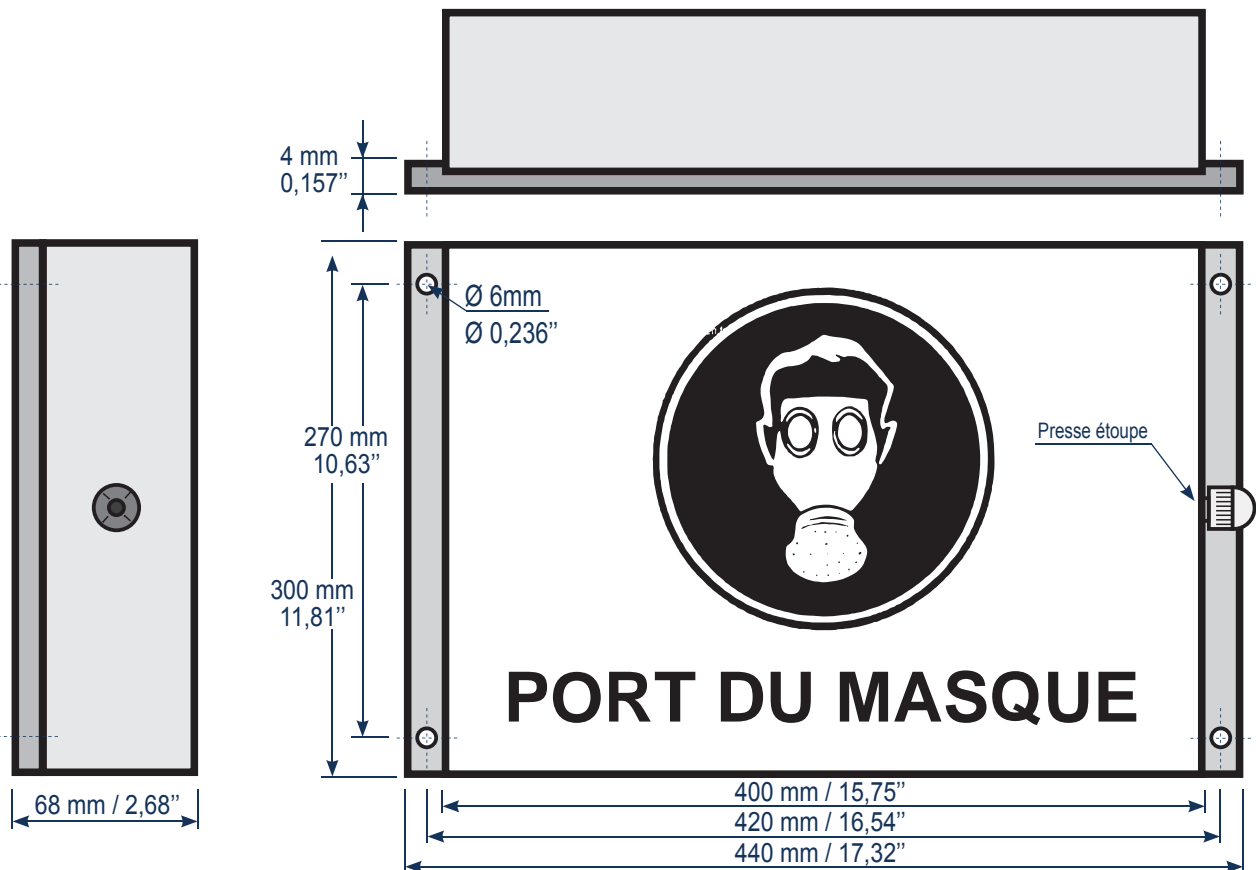


• Description :

- 1 : LED PCB + supply voltage input + band LED output + flashing adjustment.
- 2 : LED band PCB in the lower part (Lighting text).
- 3 : Input terminal of the supply voltage and LED interface:
 - 1 : (+) or (-) (Protection against polarity reversal)
 - 2 : (-) or (+) (Protection against polarity reversal)
- 4 : Flash frequency adjustment.
- 5 : Diffuser plexiglass pane placed above the LED PCB..
- 6 : Gland for the arrival of the power cable box.
- 7 : Output terminal to lower band.
 - + : (+) to red wire
 - : (-) to black wire
- 8 : Fixing hole.
- 9 : Fixing hole.
- 10 : Fixing hole.
- 11 : Fixing hole.

Mechanical specifications

- Fixing : Wall mounting, spacing to determine, 4 drillings Ø6mm, other possibilities on request.



Options et warranty

- Options : On request, other voltages, other sizes, siren, flashing LED, Aluminum enclosure (see also FAEALU), IP55, wiring output, gland location, test lamp terminal (EL), push button test lamp, supply voltage filter, voltage threshold, LED two-colors, colors mixing RGB, other silkscreens, ...
- Warranty : 24 month manufacturer. No terminal or other metallic thing must be welded or lose the guarantee.
- Recommendation : Cable section, more or equal to 0.6mm² (AWG 20). Cable ends must be finished with any crimp terminal.