

Tailor-made Products

BMLA4F / BMLA 36x72x84mm / DC Voltage



Reference :

BMLA + number of + voltage + Color(s)
Function CC

Example : BMLA4F24CCRRRR

Specify options : test lamps (EL), Push button,
Relays outputs, ... Provide the map screen printing.

Generalities

The built-in LED modular housings **BMLA4F**, allow the visualization in one box, several functions. This specific model, designed for a customer company, has 4 led for viewing of 4 functions, 1 green push button for test lamps, and also 1 test lamp terminal. Thanks to their reduced depth dimensions, they easily integrate your cabinet doors and your process.

Description

- Enclosure : Black NORYL (UL 94-V1), size : 36 x 72 x 84mm (1.4"x2.84"x3.3") , built-in with fixing device, norms CEI 61554, DIN 43700. Built-in Cut-out 33mm x 68mm (1.3"x2.68"). Rohs. IP42 possibility IP65.
- 2 terminals : Pitch 5mm (0.197"). 9 electrical terminals screws.
- Front face : 4 color LEDs : red (R), green (V), amber (A), white (BC) or blue (BE).
Printed text on Gravopli, without independent glass or glazing.
1 push-buton for test lamp, on request.

Technical specifications

- Supply voltage (+/-20%) and consumption :

	24 Vdc
1 LED	1.1 mA
lamps test	1.1 mA x 4 = 4.4 mA

- Conformities : Norms EN55015, EN61547, EN61000-6-2, EN61000-6-4, ROHS, Reach, CE.
- Lifetime (MTBF*) : 100 000 hours.
- Operating temperature : -30°C à +70°C. (22°F to 158°F)
- IP protection standard : IP42 possibility IP65 (option)

(* : mean time between failure)

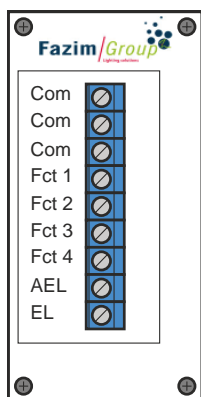
Advantages

- 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.



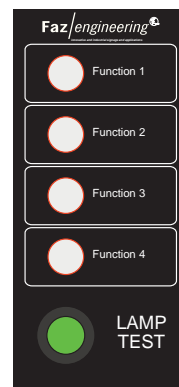
Electrical connections of the box

• Rear view :



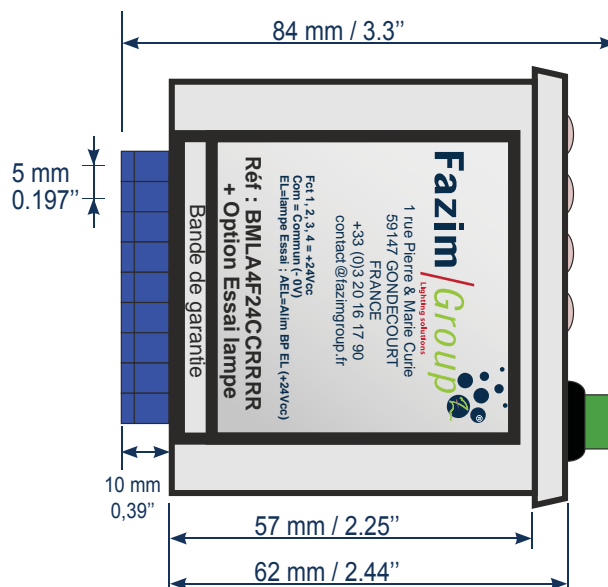
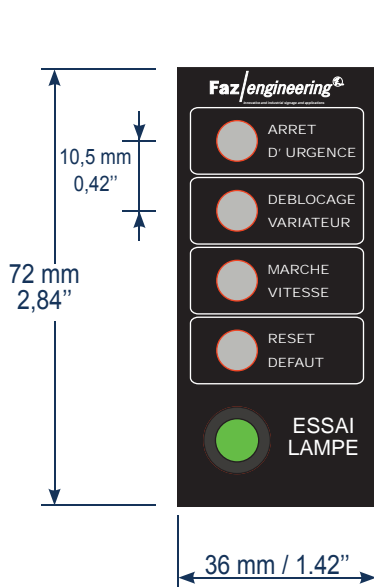
• Rear wiring box :

Com	= Common (0Vdc).
Fct 1	= Function 1 (+24Vdc).
Fct 2	= Function 2 (+24Vdc).
Fct 3	= Function 3 (+24Vdc).
Fct 4	= Function 4 (+24Vdc).
AEL	= Power supply of push button (+24Vdc). (All LED are bright, when button is pushed).
EL	= Lamp test (+24Vdc), (all LED are bright).



Mechanical specifications

- Fixing : recessed cutting 33mm x 68mm (1.3"x2.68"). Fixing device provided.



Examples of options



[1]

Options & warranty

- Options : on request, other voltages, wiring output, bottom lamp test push button [1], voltage filter, voltage threshold, other silkscreen, (See also other BML size). external driving (RS232 or other).
- Warranty : 24 months manufacturer. No terminal or other metallic thing must be welded or lose the guarantee. The device should not be dismantled
- Recommendation : Cable section, more or equal to 0.6mm² (AWG 19 up to 48Vdc, and more or equal to 1mm² (AWG17) beyond 48Vdc. Cable ends must be finished with any crimp terminal.