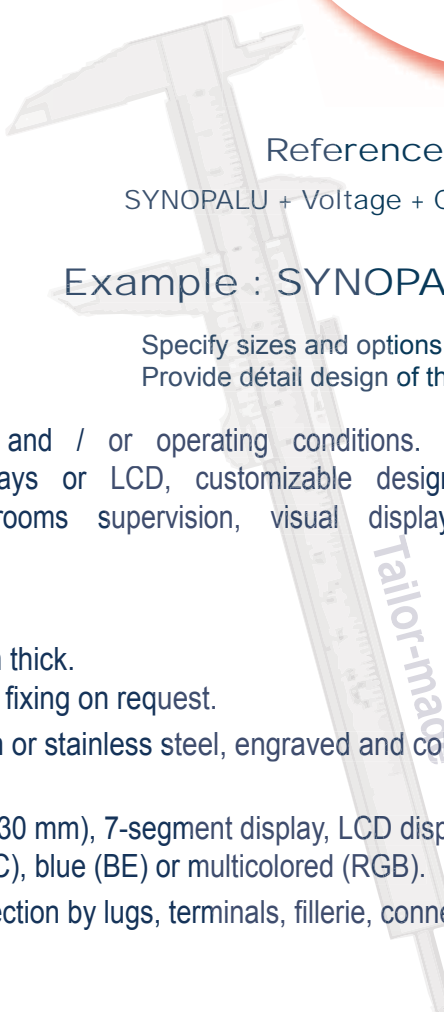


Synoptic Pannel

SYNOP Aluminum / Direct voltage / tailor made



Reference :

SYNOPALU + Voltage + CC + *Color(s)*

Example : SYNOPALU24CCR^V

Specify sizes and options, ...
 Provide détail design of the silkscreen.

/ Generalities

Synoptic panels bring together several commands and / or operating conditions. Thanks to adding push button, LED signal lamps , 7-segment displays or LCD, customizable design and dimensions custom screenprints, are found most often in rooms supervision, visual display unit or desks.

/ Description

- Panel : Aluminum or stainless steel 1, 1.5, 2 ou 3 mm thick.
 Dimensions : determined with the customer (in mm) with fixing on request.
- Terminals : Engraving and cutting lazer on aluminum or stainless steel, engraved and colored gravopli (ABS), printed vinyl or paint.
- Front side : LED with trim (Ø6mm) LEDs (Ø12, 22 or 30 mm), 7-segment display, LCD display
 LED color choice: red (R), green (G), amber (A), white (BC), blue (BE) or multicolored (RGB).
- Rear side : Access by direct wiring or protected connection by lugs, terminals, fillerie, connectors ...
 Contact us for diferent configurations.

/ Technical specifications

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

| Devices \ Voltages | 12Vdc | 24Vdc | 48Vdc | 127Vdc | 220Vdc | 400Vdc |
|---------------------|------------------------------------------------------------|--------|--------|--------|--------|--------|
| LED 6mm | 180 mW | 360 mW | 720 mW | 1,1 W | 1,8 W | 3,2 W |
| LED Lamp 12 mm | See datasheet of Signal LED lamp F12 | | | | | |
| LED Lamp 22 & 30 mm | See datasheet of Signal LED lamp F22 or F30 | | | | | |
| Display | See specification of your chosen 7-segments or LCD display | | | | | |

- 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 : To determine.

(* : mean time between failure)

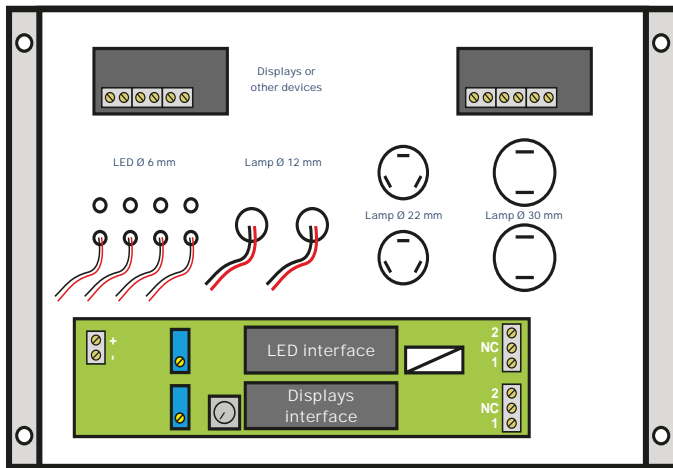
/ Avantages

- 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 :

Displays or other devices : If the device is not provided by FazimGroup, please give us the dimensions of cutouts fitting. Connection via screw terminals or wiring.

LED Ø 6mm : 6mm drilling for inserting 5mm LED with transparent or black trim. Connection output wiring.

LED Ø 12mm : See datasheet about LED Lamp 12mm. Possible connections : 2,8mm lugs, output wiring or connector of your choice.

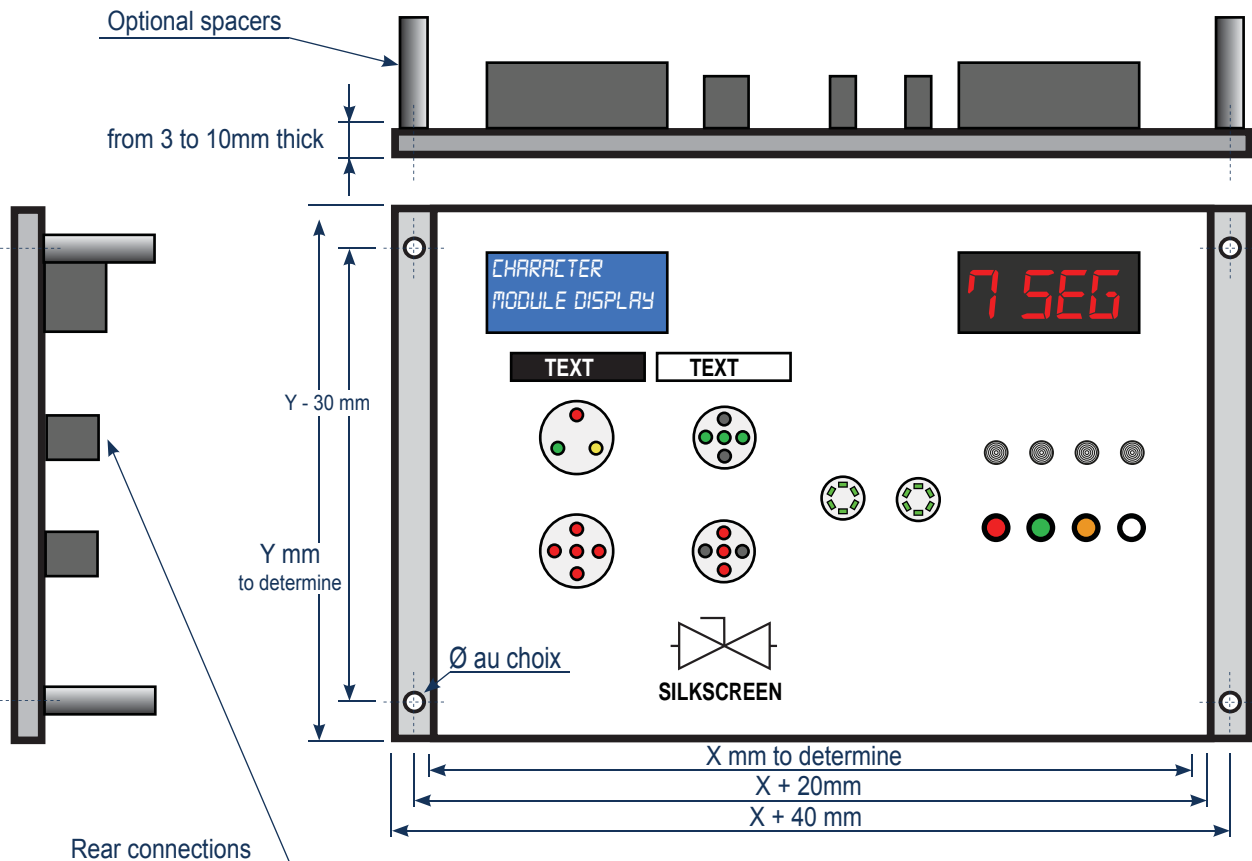
LED Ø 22mm or 30 mm : See datasheet about LED Lamp 22mm & 30mm. Possible connections, 2,8mm lugs , 6,3mm lugs, output wiring or connectors of your choice.

Others : Pushbuttons, key switches, emergency stop buttons, ... Please contact us.

Interfaces : LED interface, display interface, they are necessary when you must have a synchronization between different devices on the synoptic panel, adding sirens, beeps or sound signals, adding communication with PLC or computers, data conversions, ...

Mechanical specifications

• **Fixings :** Wall mounting or desk, spacing to determine, Mounting holes Chamfered. Location, number and diameter drilling fixings spacers, ... Contact us !



Options et warranty

- **Options :** On request, other voltages, sizes, siren, flashing LED, different kinds of plastic, internal & external IP, wiring output, push button test lamp, supply voltage filter, voltage threshold, 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) up to 48Vdc, and more or equal to 1mm² (AWG 17) beyond 48Vdc. Cable ends must be finished with any crimp terminal.