

# Lamp

Bicolor - 2 functions  
SYBMA - Direct Voltage - Ø 30mm

**Faz**/engineering   
Innovative and industrial signage and applications

by **Fazim**/Group 



Reference :

*SYBMA - VOLTAGE + CC + COLORS + 30*

Example : SYBMA24CCRV30

## /Generalities

The signal lamps **SYBMA**, in DC-voltage, allow the visualisation of 2 different functions on the same LED lamp. They have a fixed light and can be used to differentiate the different states of a working device as valves ... The robustness of these indicators can be installed in disturbed and humid environments.

## /Description

- Body : Co-polyamide , fixing plastic nut, diameter 30 mm (1.181"), IK10, IP67 in front face, through the flat gasket provided, RoHS compliant, CE, UL 94 V-0.
- Front face : 5 bicolor LED : red (R), green (V) high brightness + 1 transparent cap.  
Other colors available on request.

## /Technical specifications

- Supply voltages (+/-20%) and average consumptions :

Voltages \ Colors	12Vdc	24Vdc	48Vdc	127Vdc	220Vdc	400Vdc
R, V	230 mW	460 mW	610 mW	1.6 W	2.2 W	-
Other colors	-	-	-	-	-	-

- 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 : IP67 (in front face).
- IK protection standard : IK10.

(\* : mean time between failure)

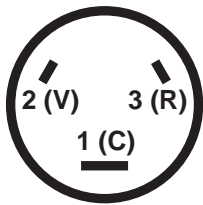
## /Advantages

- 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.



## Connections

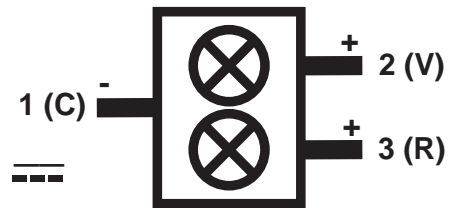
- 3 Quick-Fit male terminals 6.3mm (0.248")



- 1 or C = Common (-)  
→ Lug 6.3mm
- 2 or V = Function «ON» (+)  
→ Lug 6.3mm
- 3 or R = Function «OFF» (+)  
→ Lug 6.3mm

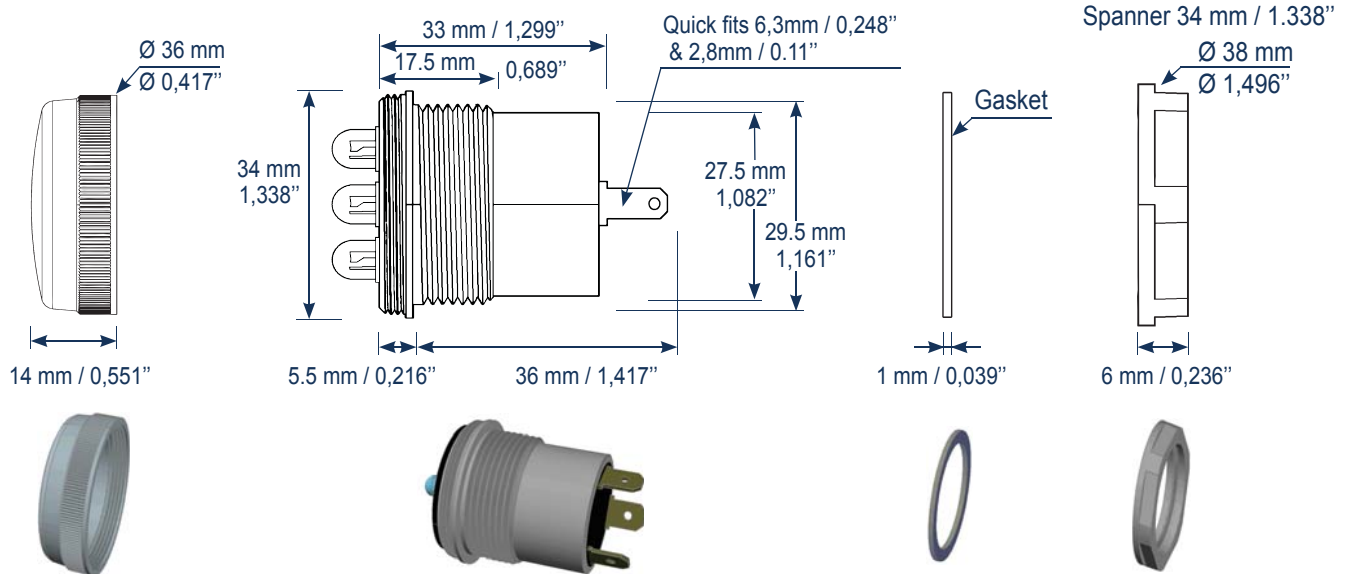
## Electrical symbol

Never supply the LED lamp between 2 & 3  
at the risk of destroy the lamp !



## Mechanical specifications

- Fixing : standard drilling Ø30mm +/-0.5mm ; (Ø 1.181").



## Working

- Hors tension :



- Sous tension :



Supply between  
1(C) & 2(V)



Supply between  
1(C) & 3(R)



Supply between  
1(C) & 2(V) + 3(R)



## Options & warranty

- Options : Other voltage on request, threshold voltage, color LED, color cap, output wiring terminals, snap contact with screw or a connector of your choice, black background, ...
- Warranty : 24 months manufacturer. No Quick-Fit Terminal Male must be welded or lose the guarantee.
- Recommendation : The Quick-Fit Terminal Male must be completely covered with isolation that can be removed only by destruction.