

Signal Lamp

Fixed and flashing

FCL - Direct voltage - Ø 30mm

Faz/engineering 
Innovative and industrial signage and applications

by **Fazim**/Group 



Reference :

FCL + VOLTAGE + CC + COLOR + 30

Example : FCL24CCR30

Generalities

The signal lamps **FCL** in direct voltage, can be fixed or flashing lights according to wiring, allowing the visualization of two different functions such as «power on», «voltage presence», or signaling another parameter. 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 : 3 color LED : red (R), green (V), yellow (J), amber (I), white (Bc), orange (O) or blue (Be) high brightness + 1 cap matches the colors of LED : Red, Green, Blue, Orange, Yellow or Transparent for White.

Technical specifications

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

Voltages	12Vdc	24Vdc	48Vdc	127Vdc	220Vdc
Colors					
R, J, I, O	90 mW	290 mW	624 mW	635 mW	620 mW
V, B, Bc	42 mW	160 mW	268 mW	600 mW	530 mW

- 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.

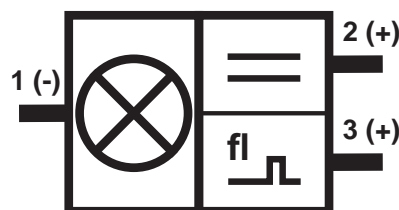


Connections

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

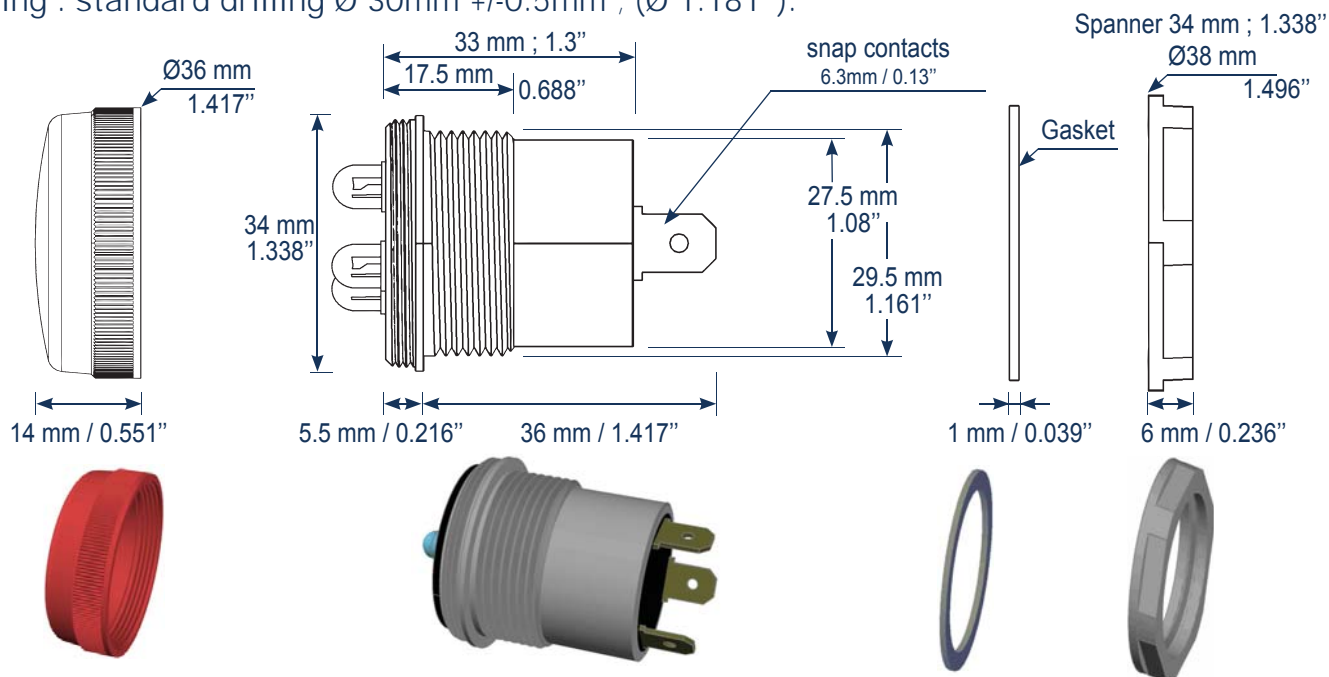


- 1 = Common (-)
- 2 = fixed light (+)
- 3 = flashing light (+)



Mechanical specifications

- Fixing : standard drilling \varnothing 30mm \pm 0.5mm ; (\varnothing 1.181").



Working

- Off :



- On :



Fixed light (Supply between 1 & 2) or
Flashing light (Supply between 1 & 3)
Type of flash : Flash about 1Hz.



Options & warranty

- Options : Other voltage on request, lamp \varnothing 22mm (see FCL22), threshold voltage (see SFCL), color LED, color cap, output wiring terminals or snap contact with screw...
- 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.