

Lamp Rotation control

CR1ST - Direct voltage - Ø 30mm

Faz/engineering®
Innovative and Industrial signage and applications

by **Fazim**/Group



Reference :

CR1ST - VOLTAGE + CC + COLOR + 30

Example : CR1ST24CCR30

/ Generalities

CR1ST LED Lamp (visual rotation control, 1 trigonometric sense). When this device is turned on, 3 color LED, illuminate one by one, to simulate the rotation of a motor running. The proven robustness of these lights, you can install them in humid and disturbed 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), amber (A), white (Bc), orange (O) or blue (Be) high brightness + 1 transparent cap.

/ Technical specifications

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

Voltages	12Vdc	24Vdc	48Vdc	110Vdc	127Vdc	220Vdc
Colors						
R, A, O	-	-	-	-	-	-
V, B, Bc	-	252 mW	510 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)

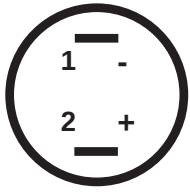
/ Advantages

- 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.



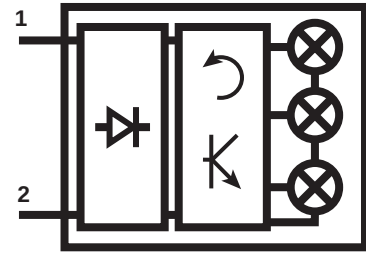
Connections

- 2 Quick-Fit male terminals 2.3mm (0.248")



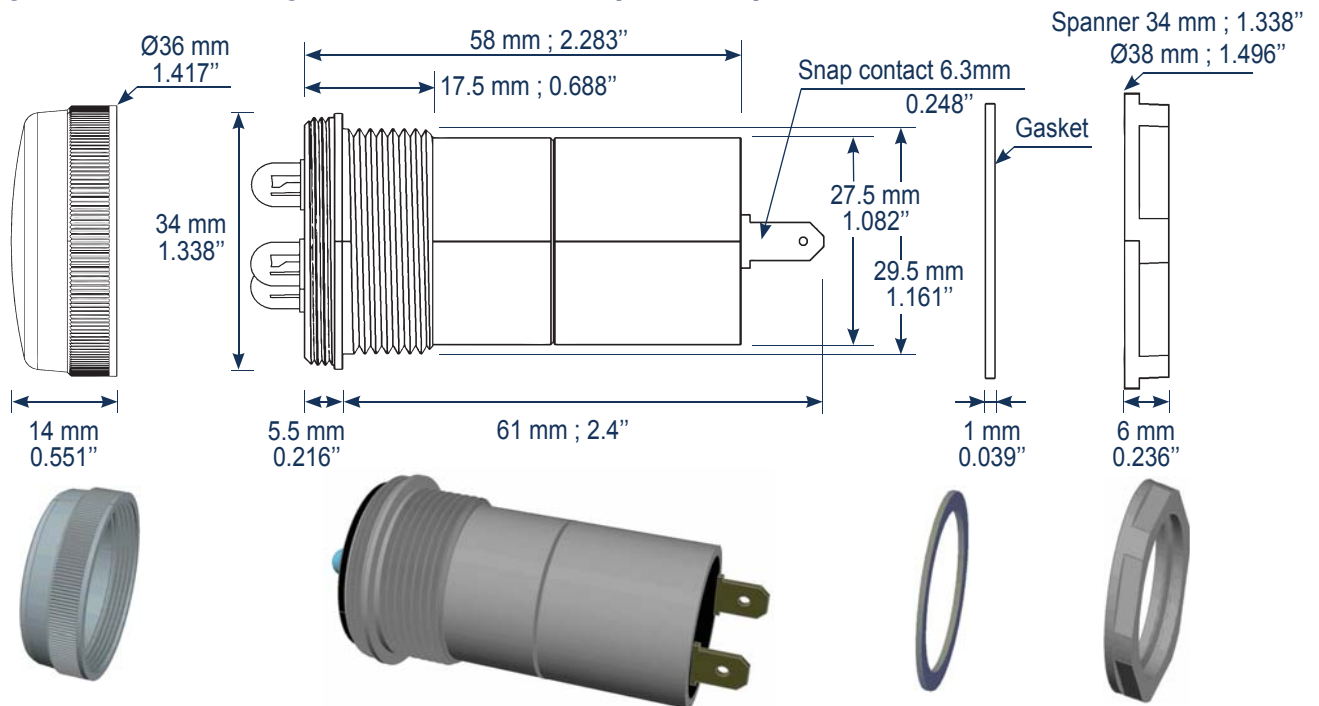
1 = «-»
2 = «+»

Electrical symbol



Mechanical specifications

- Fixing : standard drilling Ø 30mm +/-0.5mm ; (Ø 1.181").



Working

- Off :



- On :



Step 1



Step 2



Step 3

1 turn = about 1,33Hz.
1 LED turned on = 250ms.
(Trigonometric or anti-clockwise)
Step 1, 2, 3, then return to step 1, ...
while the lamp is under supply voltage !



Options & warranty

- **Options :** Other voltage on request, another speed, color LED, color cap, output wiring terminals, snap contact with screw or connector, customisable engraved text, are also clockwise (CR1SH) and 2 directions of rotation (CR2S) ...
- **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.