

Signal Lamp

F - Direct-voltage - Ø 30mm

Faz/engineering®
Innovative and industrial signage and applications

by **Fazim**/Group



Reference :

VOLTAGE + CC + COLOR + 30
(For voltages above 300Vdc to 690Vdc)

Example : 24CCR30

Generalities

The signal lamps **F** in direct-voltage, are fixed lights, allowing the visualisation of « voltage presence ». Available in Ø 22mm up to 220Vdc and in Ø 30mm «short body» (40mm) for the voltages lower 300Vdc. 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 consumptions :**

Voltages Colors	400Vdc	440Vdc	500Vdc	590Vdc	660Vdc	690Vdc
R, J, I, O	1.16 W	1.38 W	1.5 W	2.2 W	2.7 W	3 W
V, B, Bc	960 mW	1.15 W	1.5 W	2.2 W	2.7 W	2.9 W

Available also 9Vdc to 300Vdc in short body (40mm ; 1,6").

- **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)

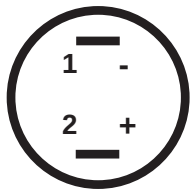
Advantages

- 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.

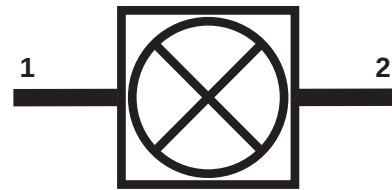


Connections

- 2 Quick-Fit male terminal 6.3mm (0.248")

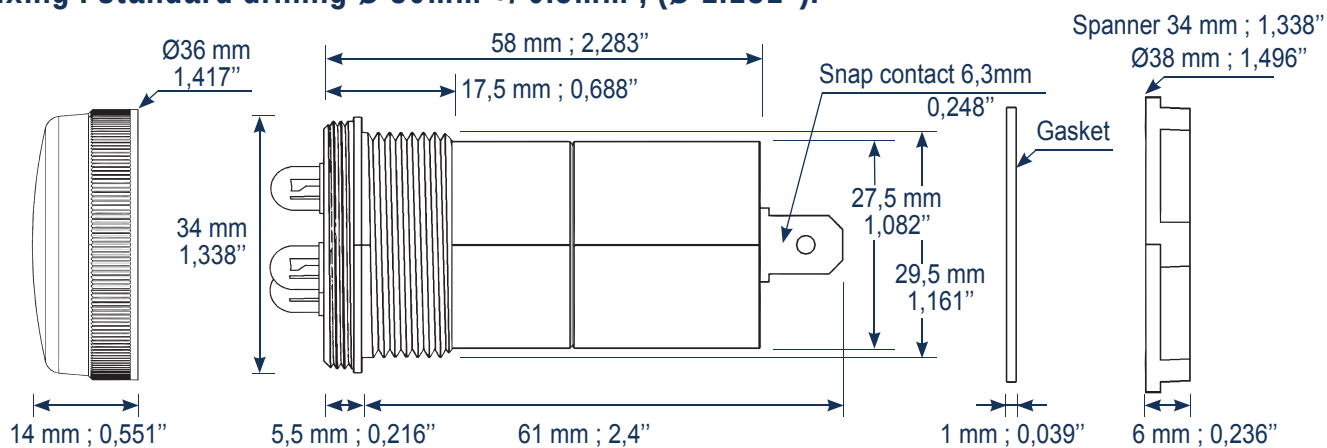


1 = «-»
2 = «+»



Mechanical specifications

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



Working

• On :



• Off :



Options & Warranty

- **Options :** Other voltage on request, short body for voltages below 300Vdc, color LED, color cap, output wiring terminals or snap contact with screw, ... See also FE $\varnothing$ 22mm (up to 220Vdc).
- **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.