

Signal Lamp

SF - Direct voltage - Ø 30mm

Faz/engineering®
Innovative and industrial signage and applications

by **Fazim**/Group



Reference :

SF + VOLTAGE + CC + COLOR + 30

Example : SF127CCJ30

Generalities

The direct voltage LED signal lamp 'SF' (high brightness), does a fixed lighting for «voltage presence». It is the same as the range 'F', with 5 LEDs instead of 3 LED, for more brightness. The proven robustness of these lights, you can install them in humid and disturbed environments.

Description

- Body : Co-polyamide , fixing plastic nut, diameter 30mm (1.181"), IK10, IP67 in front face, through the flat gasket provided, Rohs compliant, CE, UL 94 V-0.
- Front face : 5 color LED : red (R), green (V), yellow (J), amber (A), white (Bc), orange (O) or blue (Be) highbrightness+1 cap matches the colors of LED : Red, Green, Blue, Orange, Yellow or Transparent for White.

Technical specifications

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

Voltages Colors	12Vdc	24Vdc	48Vdc	60Vdc	72Vdc	127Vdc	220Vdc
R, J, I, O	90 mW	290 mW	-	560 mW	-	-	600 mW
V, B, Bc	42 mW	160 mW	260 mW	310 mW	-	-	510 mW

The «SF» range is also available 300Vdc to 690Vdc in long body (65mm ; 2,56") and up to 220Vdc in Ø 22mm.

- 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)

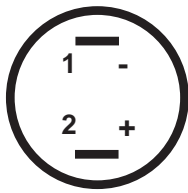
Advantages

- 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.

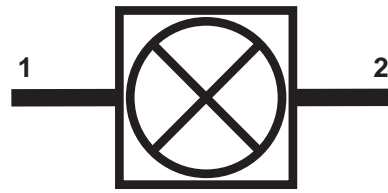


Connections

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

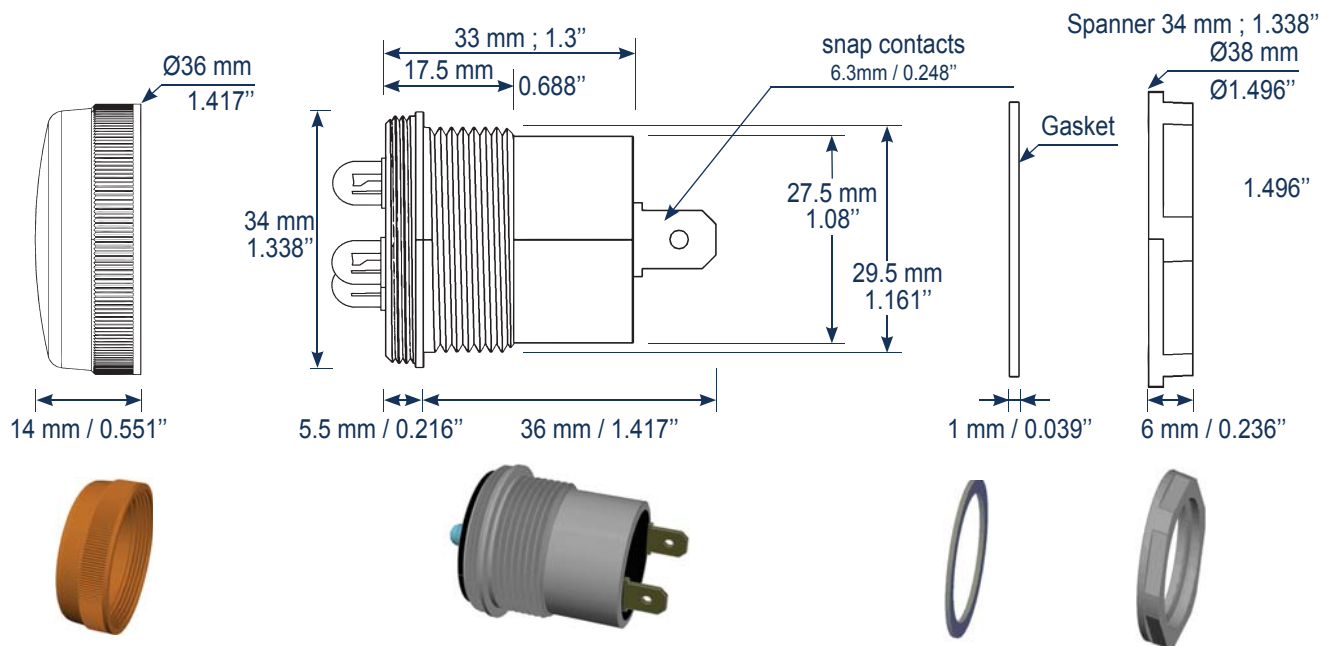


Electrical symbol



Mechanical specifications

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



Working

• Off :



• On :



Options & warranty

- Options : Other voltage on request, long body for voltages above 300Vdc, color LED, color cap, output wiring terminals or snap contact with screw, ... See also F \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.