

Signal Lamp

SF - Single phase - Ø 22mm

Faz/engineering®
Innovative and industrial signage and applications

by **Fazim**/Group



Reference :

SF + VOLTAGE + CA + COLOR + 22

Example : SF230CAR22

Generalities

LED signal lamp AC voltage, '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 22mm (0.8666"), 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 (I), white (Bc), orange (O) or blue (Be) highbrightness+1 capmatchesthecolors of LED: Red, Green, Blue, Orange, Yellow or Transparent for White.

Technical specifications

- Supply voltages and consumptions in 50/60Hz (+/-20%) :

Voltages Colors	12Vac	24Vac	48Vac	110Vac	115Vac	127Vac	230Vac	400Vac	500Vac
R, J, I, O	100 mVA Cos φ : 1 Resistive	260 mVA Cos φ : 1 Resistive	730 mVA Cos φ : 0.1 Capacitive	1.3 VA Cos φ : 0.1 Capacitive	1.4 VA Cos φ : 0.1 Capacitive	1.7 VA Cos φ : 0.1 Capacitive	3.7 VA Cos φ : 0.1 Capacitive	3.8 VA Cos φ : 0.1 Capacitive	6 VA Cos φ : 0.1 Capacitive
V, B, Bc	80 mVA Cos φ : 1 Resistive	210 mVA Cos φ : 1 Resistive	650 mVA Cos φ : 0.1 Capacitive	1.25 VA Cos φ : 0.1 Capacitive	1.35 VA Cos φ : 0.1 Capacitive	1.65 VA Cos φ : 0.1 Capacitive	2.5 VA Cos φ : 0.1 Capacitive	1.8 VA Cos φ : 0.1 Capacitive	2.8 VA Cos φ : 0.1 Capacitive

- 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)

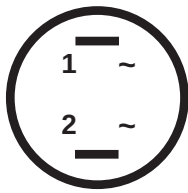
Advantages

- 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.

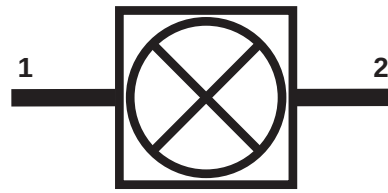


Connections

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

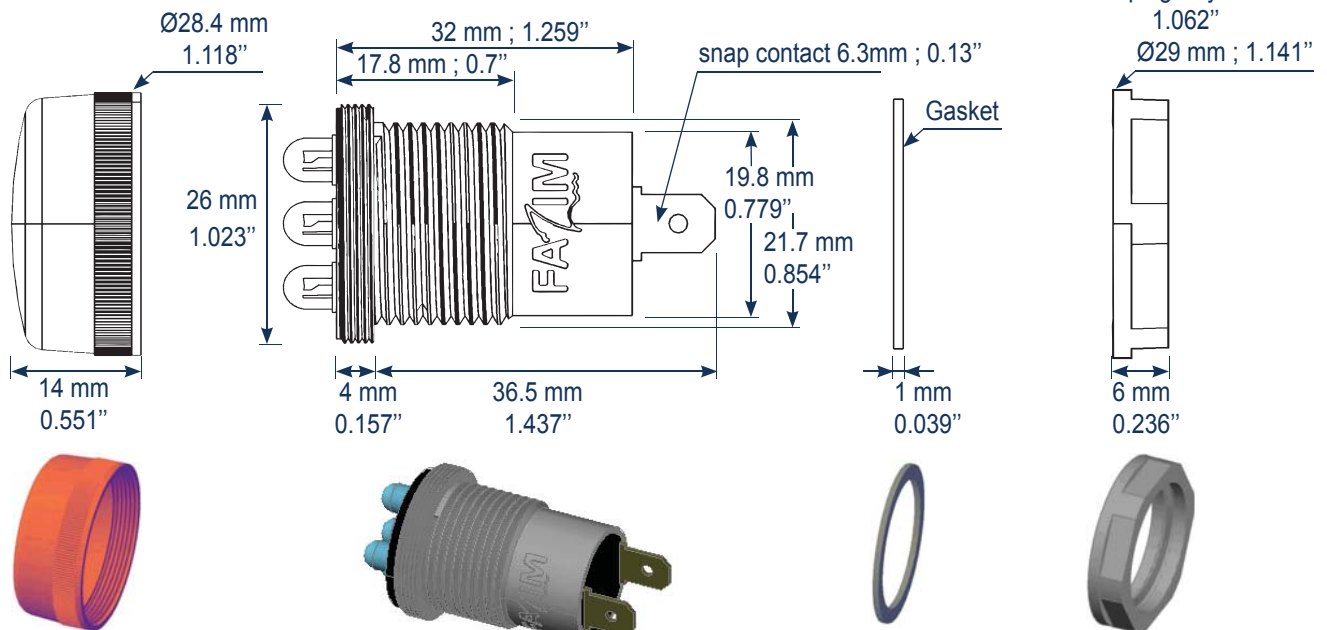


Electrical symbol



Mechanical specifications

• Fixing : standard drilling $\varnothing$ 22mm $\pm$ 0.5mm ; ($\varnothing$ 0.866").



Working

• Off :



• On :



Options & warranty

- Options : Other voltage on request, 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.