

Signal Lamp with threshold

FS - Direct voltage - Ø 22mm

Faz/engineering 
Innovative and industrial signage and applications

by **Fazim**/Group 



Reference :

FS + VOLTAGE + CC + COLOR + 22
(standard thresholds see technical specifications table)

Example : FS24CCBe22

+ options >24V, >70V, ou >110V

Generalities

The signal lamps **FS** in direct voltage, are fixed lights, allowing the visualisation of « voltage presence ». The threshold voltage allows the LED lamp, lighting from the value set by this one. The robustness of these indicators can be installed in disturbed and humid environments.

Description

- Body : Co-polyamide , fixing plastic nut, diameter 22 mm (0.866"), 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	12Vdc	24Vdc	48Vdc	110Vdc	127Vdc	220Vdc
Colors						
Standards threshold minimum warranty	6Vdc	12Vdc	24Vdc	24Vdc	24Vdc	24Vdc
R, J, I, O	-	60 mW	110 mW	220 mW	260 mW	400 mW
V, B, Bc	-	50 mW	75 mW	210 mW	280 mW	360 mW

- Conformities : Normes 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)

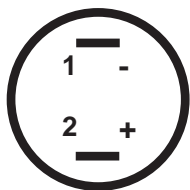
Advantages

- 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

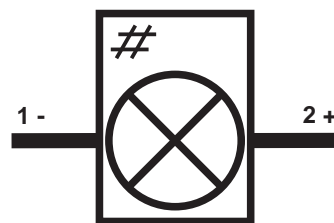
- 2 Quick-Fit male terminals 6.3mm (0.248")



1 = «-»

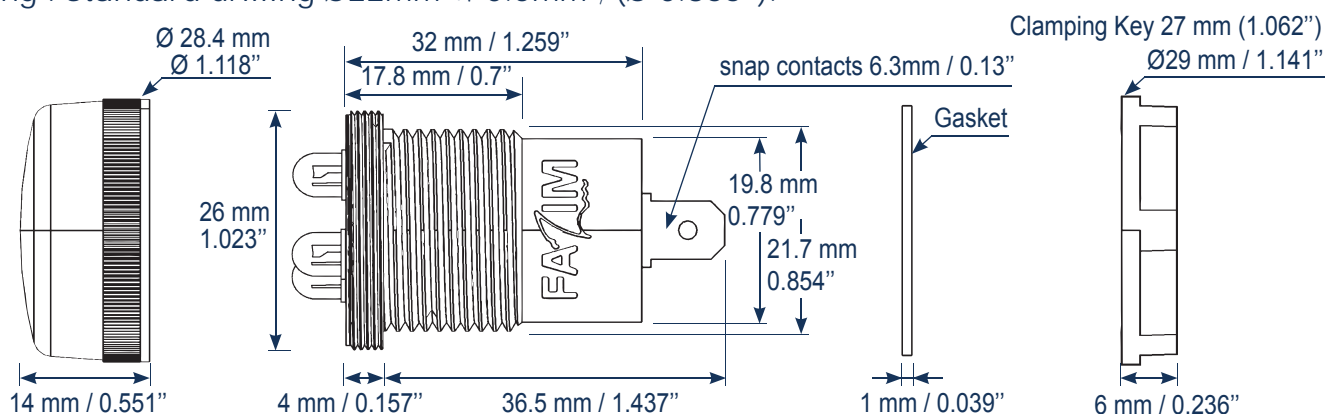
2 = «+»

Electrical symbol



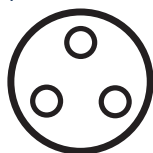
Mechanical specifications

- Fixing : standard drilling $\varnothing 22\text{mm} \pm 0.5\text{mm}$; ($\varnothing 0.866''$).



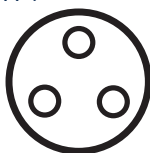
Working

- Off :



Supply voltage
= 0Vdc

- On :



Supply voltage
 \leq threshold voltage



Supply voltage
> or >> threshold voltage



Options & Warranty

- Options : Other voltage on request, other voltages threshold : 24V, >70V, or >110V, specific threshold value, color LED, colors 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. be careful with your peak voltages for your choice of threshold voltage.