Panel Actuators and Indicators
Type PL 22
Buzzer and Flashing Buzzer

CARLO GAVAZZI

PL 22S BZK

PL 22S FBZR

- Ø 22mm (Ø 0.87") dimension
- Buzzer
- Interrupted sound
- Flashing type
- AC and DC voltage
- cULus and CE
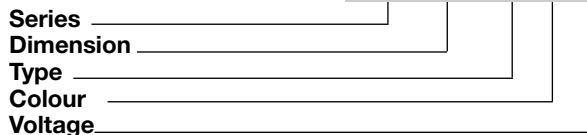- IEC/EN 60947-5-1, IEC/EN 60073, IEC/EN 60529, UL 508

Product description

Pilot lights and Buzzer are panel mounted device assemblies consisting of the housing, an internal lamp or buzzer, terminals, and a cover. Applications include industrial control panels of all types, equipment indicator panels, status alarm indicator.
The buzzer volume is 95dB @ 10cm (3.94"), the current is 20mA.

Approvals

cULus LISTED 3MHG CE RoHS COMPLIANT

Technical data

Rated imp. withstand voltage U_{imp}	2500VAC 50Hz 1min.
Rated insulation Voltage U_i	500VAC
Allowable voltage fluctuation	±20%
Continuous operating life	≥100.000h
Ultrahigh brightness	≥100cd/m^2 (≥9.29ftc)
Applying frequency	50-60Hz
Current consumption (AC/DC)	15-20mA
Sound volume	95dB @ 10cm (3.94")
Operating temperature	-25 to +70°C (-13 to +158°F)
Storage temperature	-30 to +80°C (-22 to +176°F)
Degree of protection	IP 40

Ordering key

PL 22S BZ R 24

Series
Dimension
Type
Colour
Voltage

Dimension and style

22S = Ø22mm (Ø0.87") standard size

Types

BZ = Buzzer

FBZ= Flashing buzzer

Colours

R = Red only for FBZ type
K = Black only for BZ type

Voltages

06	= 6VAC/DC	**110**	= 110VAC/DC
12	= 12VAC/DC	**220D**	= 220VDC
24	= 24VAC/DC	**220A**	= 220VAC
48	= 48VAC/DC	**380A**	= 380VAC

Dimensions mm/inches

"BZ" Type

"FBZ" Type

Specifications are subject to change without notice. Pictures are just an example. For special features and/or custumization, please ask to our sales network. 122011
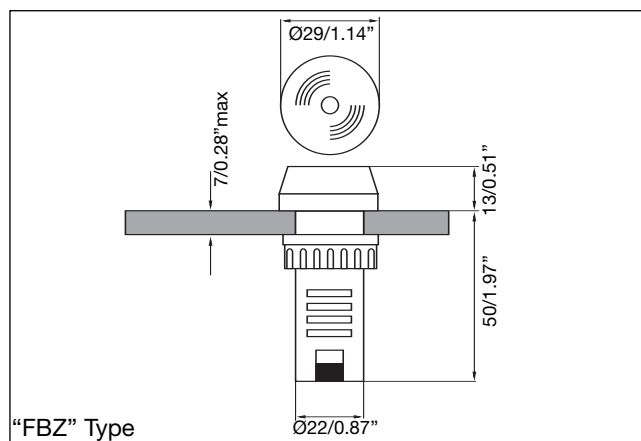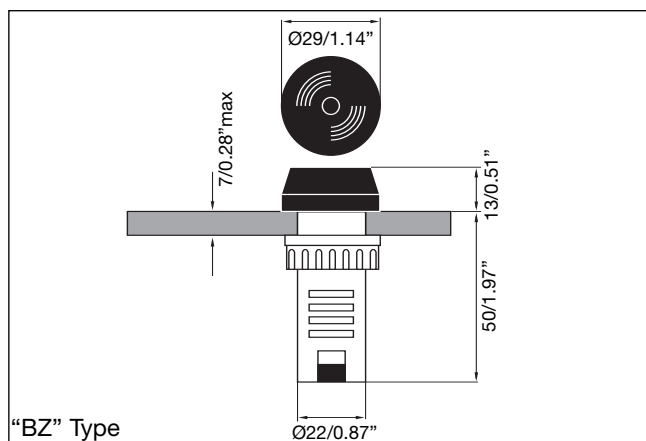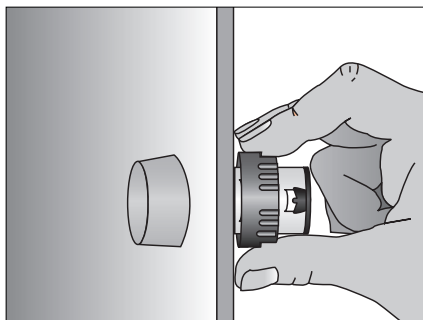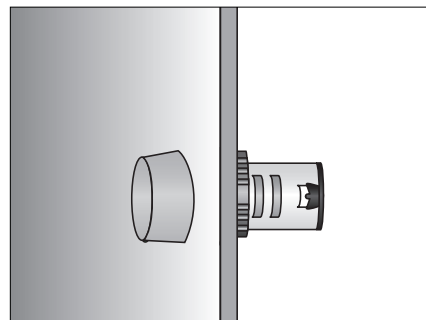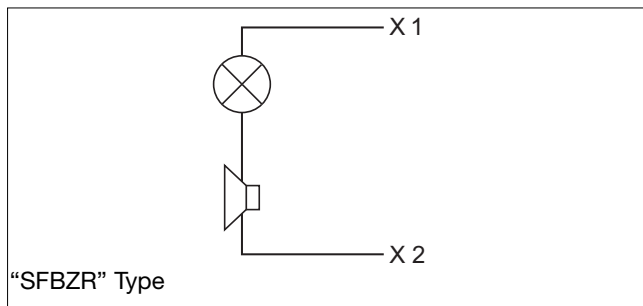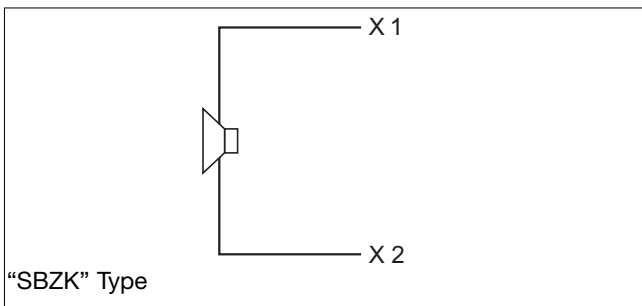
Mounting
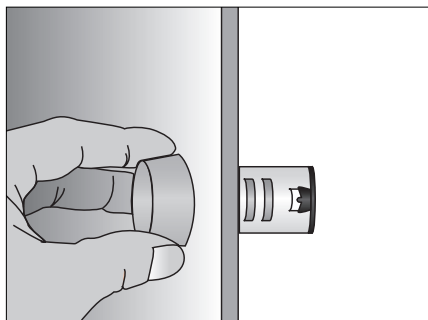
Just insert the pilot light into the hole of the pannel.

The pilot light will be secured at the back by the plastic nut

The pilot light has been installed.

Wiring Diagram

X 1

X 2

"SBZK" Type

X 1

X 2

"SFBZR" Type

Wiring Notes

1) Use 60°C or 75°C copper (CU) conductor and wire size range 18AWG, stranded or solid.
2) Terminal tightening torque 0.6Nm (5.3in.lb)
3) Recommended external fuse - listed or R/C fuses, Supplemental (JDYX, JDYX2) rated 3A mmaximum.

Accessories for Panel Indicators

Reducing ring for Pilot Light Ø22mm (0.87")

To mount the Ø22mm (0.87") pilot light into the hole for Ø25mm (0.98") of the panel.   ABS   Ø25mm/Ø0.98"

Fastering connector for Pilot Light Ø22mm (0.87")

Improve the quality of installation and reduce the time of installations.   PC   **PA PL CONN**

Panel hole cap Ø22mm (0.87")

For blocking up prepared or useless holes on the panels.   ABS   **PA PHC 22**