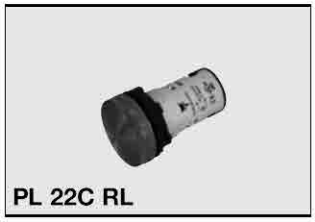
Panel Actuators and Indicators
Type PL 22
Pilot Lights

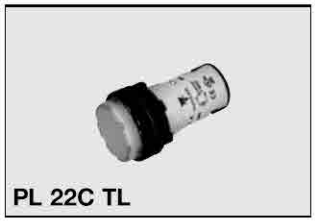
CARLO GAVAZZI

PL 22C HL


PL 22C RL

- Ø 22mm (Ø0.87") dimension
- Compact versions
- Different colours choise
- High brightness pure colour LED
- High reliability and durability
- AC and DC voltage
- cULus and CE
- IEC/EN 60947-5-1, IEC/EN 60073, IEC/EN 60529, UL 508

PL 22C LL


PL 22C TL

PL 22S FL

Product description

Pilot lights are panel mounted lamp assemblies consisting of the indicator housing, an internal lamp, terminals, and a lens. Applications include industrial control panels of all types, equipment indicator panels, status indicators and display lighting.
The light source is high brightness pure colour LED.

Ordering key

PL 22C HL R 24

Series
Dimension
Type
Colour
Voltage

Approvals

c UL us LISTED 3MHG CE RoHS COMPLIANT

Dimensions

22S = Ø22mm (Ø0.87") standard size
22C = Ø22mm (Ø0.87") compact size (not for FL type)

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/m² (≥9.29ftc)
Applying frequency	50-60Hz
Current consumption (AC/DC)	≤18mA
Operating temperature	-25 to +70°C (-13 to +158°F)
Storage temperature	-30 to +80°C (-22 to +176°F)
Degree of protection	IP 65

Types

HL = High Lens
RL = Round Lens
LL = Low Lens
TL = Teeth Lens
FL = Flash Light

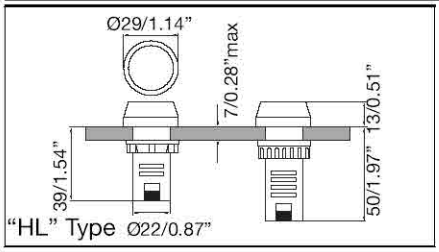
Colours

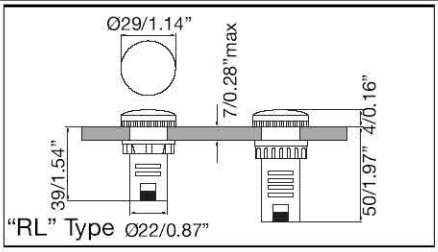
R = Red
W = Clear/White
B = Blue
Y = Yellow
G = Green

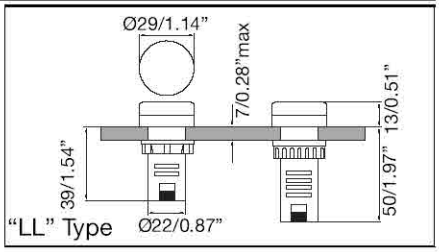
Voltages

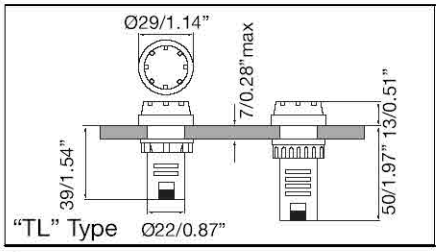
06 = 6VAC/DC
12 = 12VAC/DC
24 = 24VAC/DC
48 = 48VAC/DC
110 = 110VAC/DC
220D = 220VDC
220A = 220VAC
380A = 380VAC

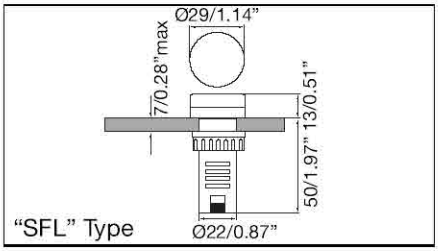
Dimensions mm/inches





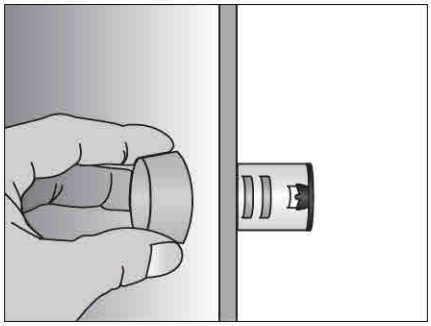




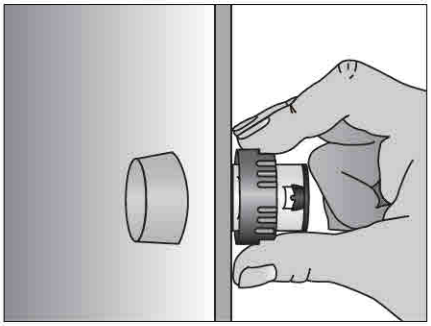


Specifications are subject to change without notice. Pictures are just an example. For special features and/or custumization, please ask to our sales network. 080708

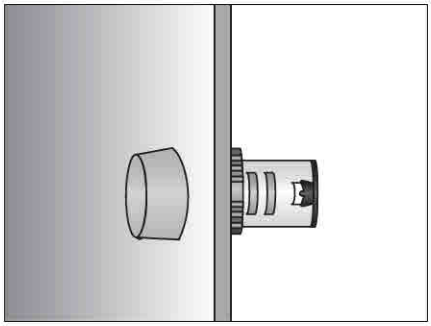
Mounting



Just insert the pilot light into the hole of the pannel.

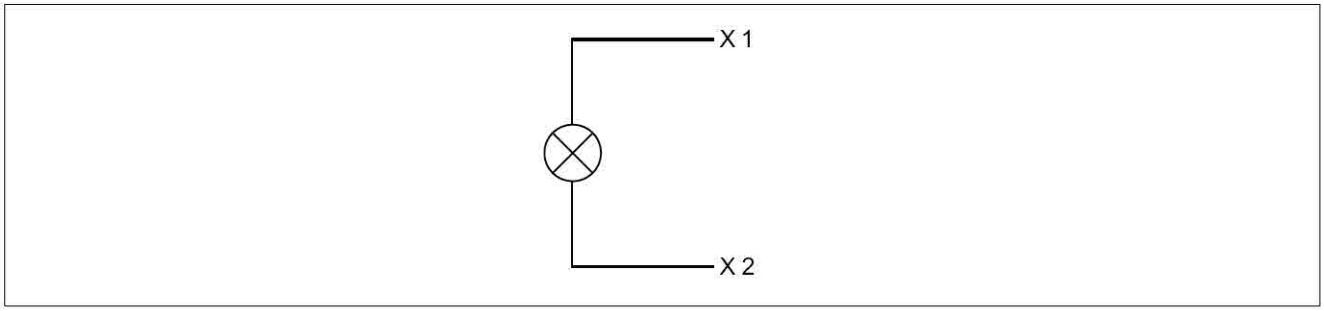


The pilot light will be secured at the back by the plastic nut

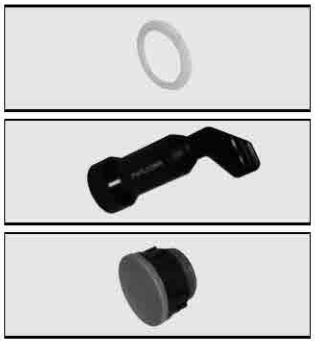


The pilot light has been installed.

Wiring Diagram



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")or Ø30mm (1.18") of the panel.	ABS	Ø25mm/Ø0.98" Ø30mm/Ø1.18"	**PA RR 2** **PA RR 3**

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**