

Panel Actuators and Indicators

Type PL 22

Pilot Lights

CARLO GAVAZZI



PL 22C HL



PL 22C RL



PL 22C LL



PL 22C TL

- Ø 22mm (Ø0.87") dimension
- Compact versions
- Different colours choice
- 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



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.

Approvals



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)	≤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

Ordering key

PL 22C HL R 24

Series _____
 Dimension _____
 Type _____
 Colour _____
 Voltage _____

Dimensions

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

Types

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

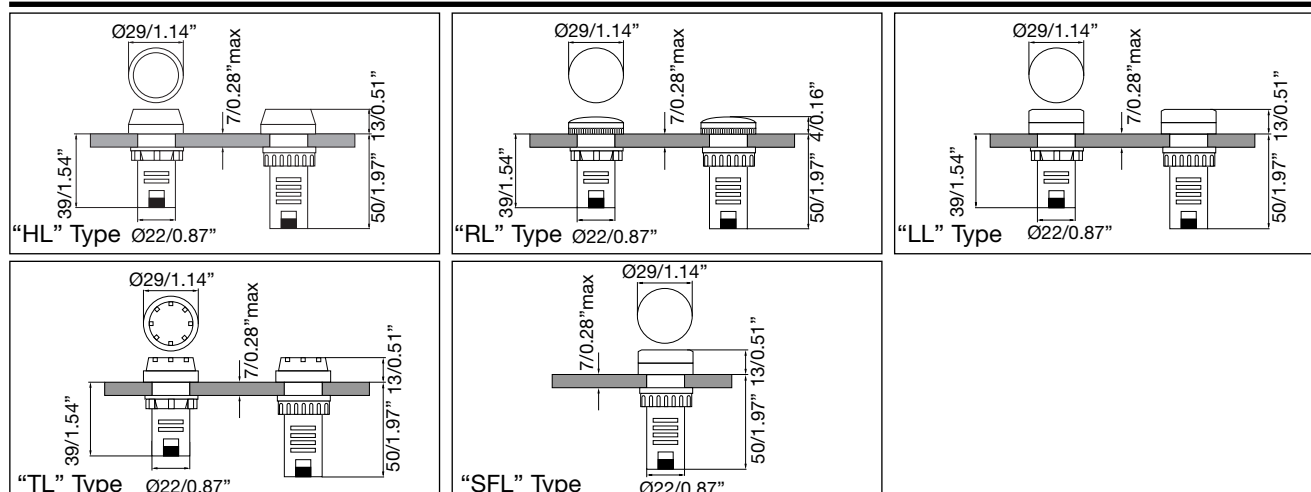
Colours

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

Voltages

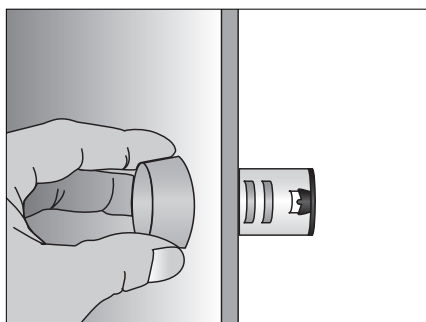
06 = 6VAC/DC
 12 = 12VAC/DC
 24 = 24VAC/DC
 48 = 48VAC/DC
 110 = 110VAC/DC
 220D = 220VDC
 220A = 220VAC
 380A = 380VAC

Dimensions mm/inches

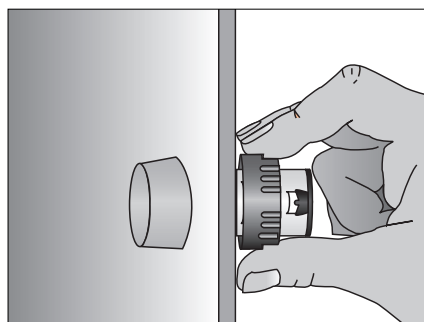


Specifications are subject to change without notice. Pictures are just an example. For special features and/or customization, please ask to our sales network.

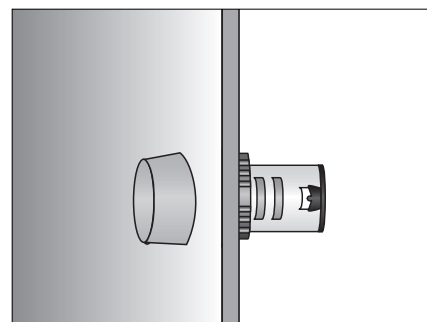
Mounting



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

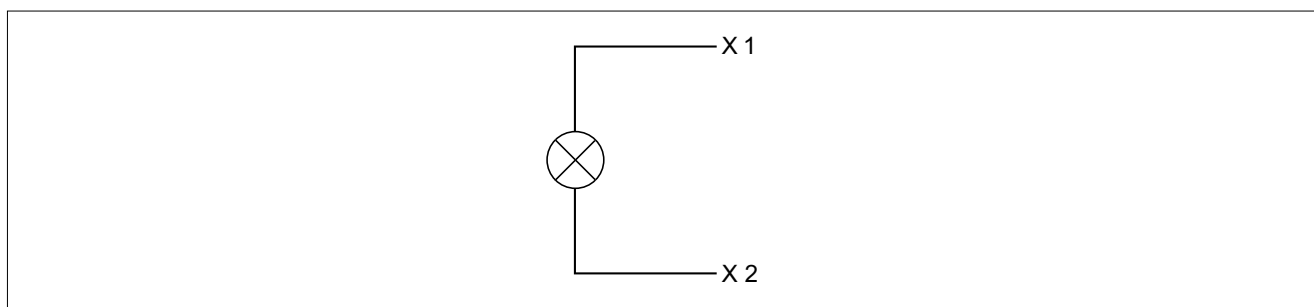


The pilot light will be secured at the back by the plastic nut



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"

PA RR 2

Ø30mm/Ø1.18"

PA RR 3



Fastening 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

Mouser Electronics

Authorized Distributor

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Carlo Gavazzi:

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