Panel Actuators and Indicators
Type PL 22
Two Colours Pilot Light

CARLO GAVAZZI

• Ø 22mm (Ø 0.87") dimension
• Two colours lamp
• 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
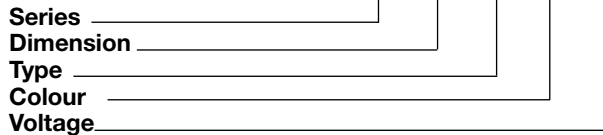
PL 22S TC

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

c UL us 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/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

Ordering key

PL 22S TC RG 24

Series
Dimension
Type
Colour
Voltage

Dimension and style

22S = Ø22mm (Ø0.87") standard size

Type

TC = Two colours

Colours

RG= Red and Green   **RB=** Red and Blue
RY= Red and Yellow

Voltage

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

Dimensions mm/inches

Ø29/1.14"

7/0.28"max

13/0.51"

50/1.97"

Ø22/0.87"

"STC" 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
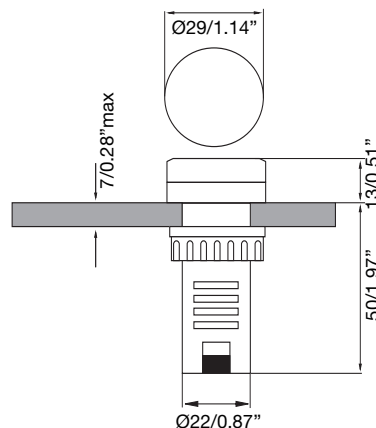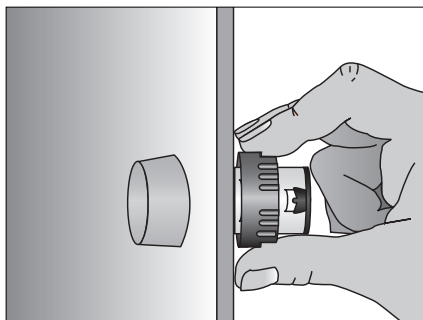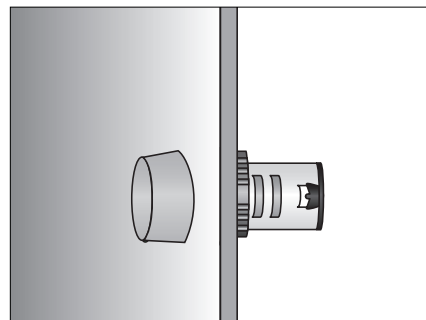
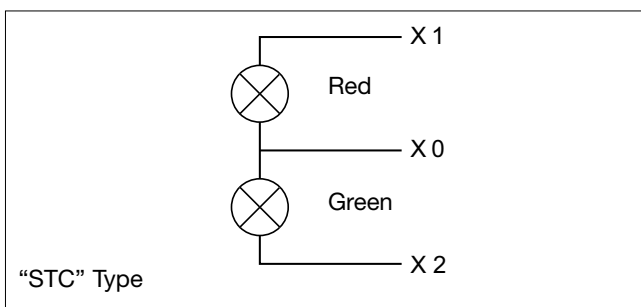# Mounting
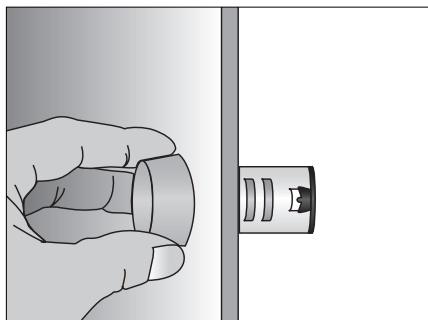
Just insert the pilot light into the hole of the pannel.

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

The pilot light has been installed.

Wiring Diagram

X 1

Red

X 0

Green

X 2

"STC" 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"　**PA RR 2**

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**

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