



SPECIFICATIONS

RATING : lth 5A/250VAC. resistive load 3A/250VAC.
CONTACT RESISTANCE : 50mΩ MAX.@1A 12VDC(initial value).
INSULATION RESISTANCE : 1,000MΩ MIN at 500VDC.
DIELECTRIC STRENGTH : 2,000V RMS@sea level.
OPERATION TEMPERATURE : -20°C to 55°C.
MECHANICAL LIFE : Momentary 1,000,000 cycles
Lock 500,000 cycles
ELECTRICAL LIFE : 50,000 make-and-break cycles at full load.
TORQUE : 0.3~0.5Nm.
PANEL THICKNESS : 6mm (Ø22.00mm)
OPERATION PRESSURE : 1Pole 2.5±1N / 2Poles 3.5±1N
TRAVEL : ABOUT 3.2mm.
INGRESS PROTECTION : IP65

MATERIALS

BEZEL : PC
BASE : PBT(UL 94-V0) & PC(UL 94-V2)
ACTUATOR : PC & POM.
INNER ASSEMBLY : POM. / PA66.
SPRING : Stainless steel.
SEALING : Silicone.
O-Ring : Silicone.
TERMINAL / CONTACT : Brass,Silver plated.
HEX NUT : PC.

HOW TO ORDER



MODEL NO. BEZEL COLOR ACTUATOR TYPE BUTTON TYPE CONTACT CONFIGURATION OPERATING TYPE LED COLOR LED VOLTAGE TERMINAL SHAPE TERMINAL PLATING

KPB22 — [] — [] — [] — [] — [] — [] — [] — [] — []

Bezel Color
8 Silver

Button type
F Flat

Contact Configuration
1 1NO 1NC
2 2NO 2NC

Operating type
0 Momentary
1 Lock

LED color

LED voltage (20mA)

Terminal shape
J Solder terminal

Terminal plating
Q Silver
R Gold

Actuator Type

000 Transparent Actuator,below all LED color available
100 White Actuator,below all LED color available
200 Black Actuator,Non-LED
300 Transparent Red Actuator,LED in Red only.
400 Transparent Orange Actuator,LED in Yellow only.
600 Transparent Green Actuator,LED in Green only.
700 Transparent Blue Actuator,LED in Blue only.
800 Silver Actuator,Non-LED
8P1 Silver Actuator+White power,below all LED color available
8P2 Silver Actuator+Black power,Non-LED
8P3 Silver Actuator+Red power,LED in red only
8P6 Silver Actuator+Green power,LED in Green only
8P7 Silver Actuator+Blue power,LED in Blue only

ITEM NO	COLOR
0	Without LED
1	White
3	Red
5	Yellow
6	Green
7	Blue

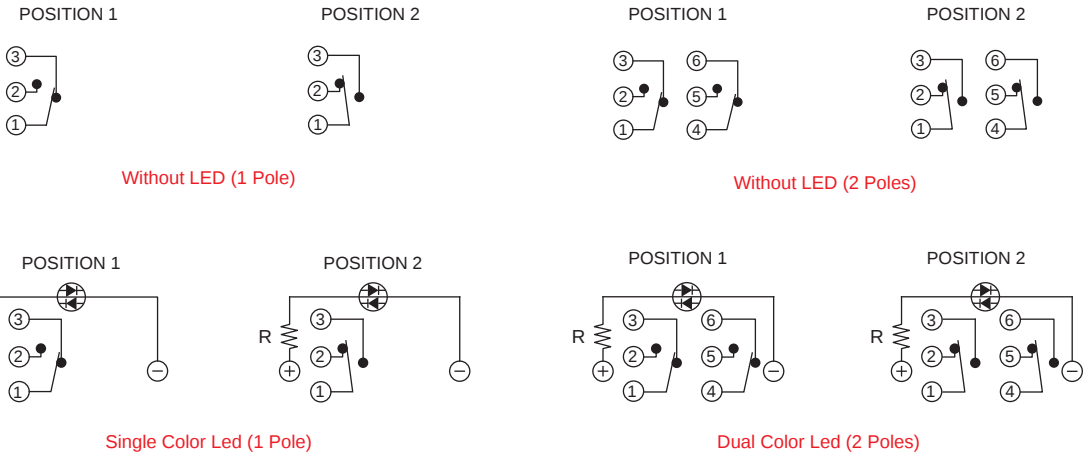
ITEM NO	VOLTAGE
0	Without LED or resistor
3	3V
6	6V
12	12V
24	24V
36	36V
110	110V
220	220V

EXAMPLE:
KPB22-88P1-F10-[]-JQ
LED color — LED voltage

KPB22 Series

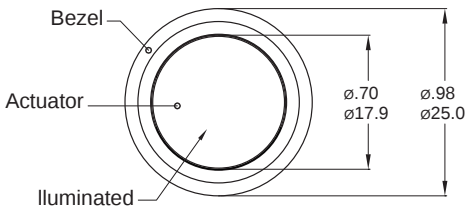
22mm Illuminated Pushbutton Switches

CIRCUIT

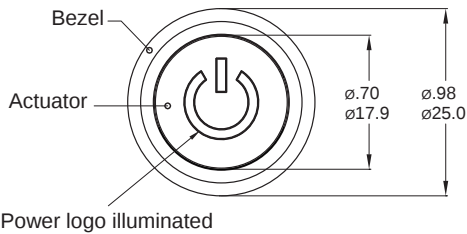


ACTUATOR TYPE

X00 Transparent Actuator

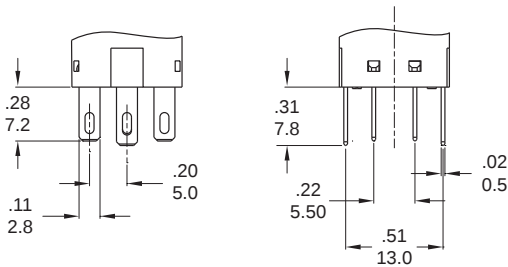


8PX Power



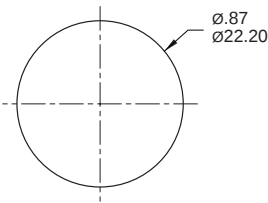
TERMINAL TYPE

J Solder terminal (std)



PANEL MOUNTING

Max.Panel thickness: 6.0mm[.24]



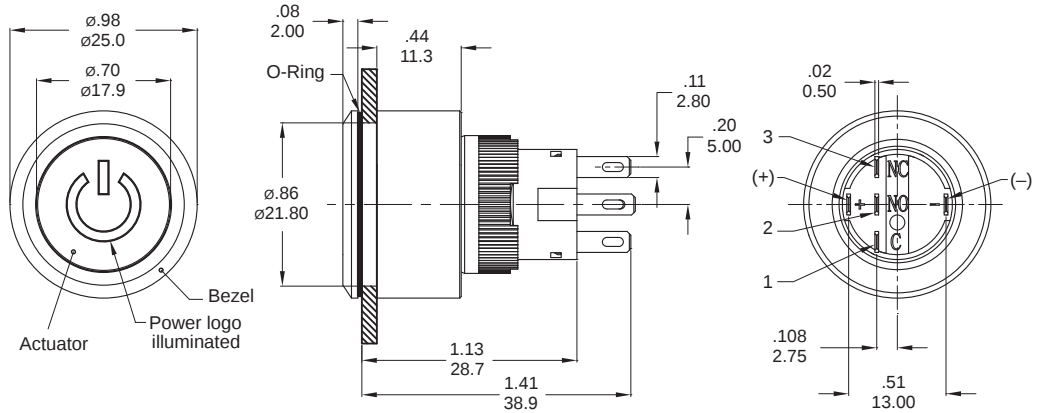
O-RING INSTALLATION

Proposal	In front of the panel
Installation Diagram	

KPB22 Series

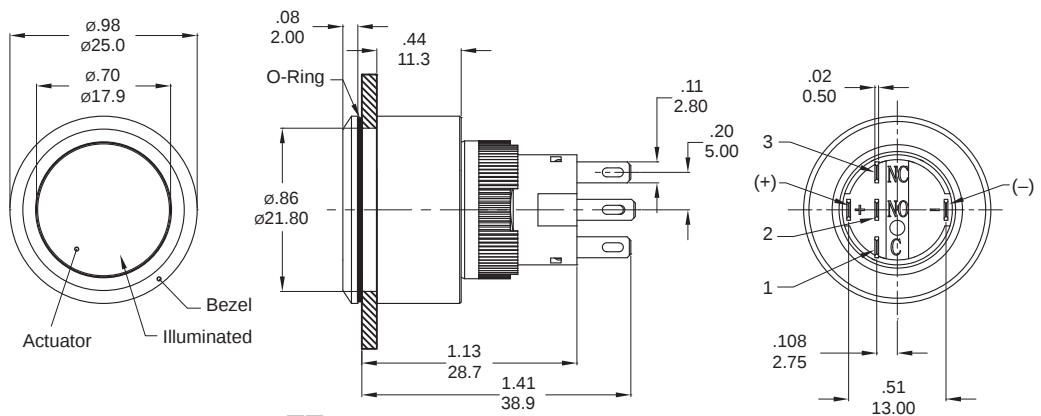
22mm Illuminated Pushbutton Switches

8P1



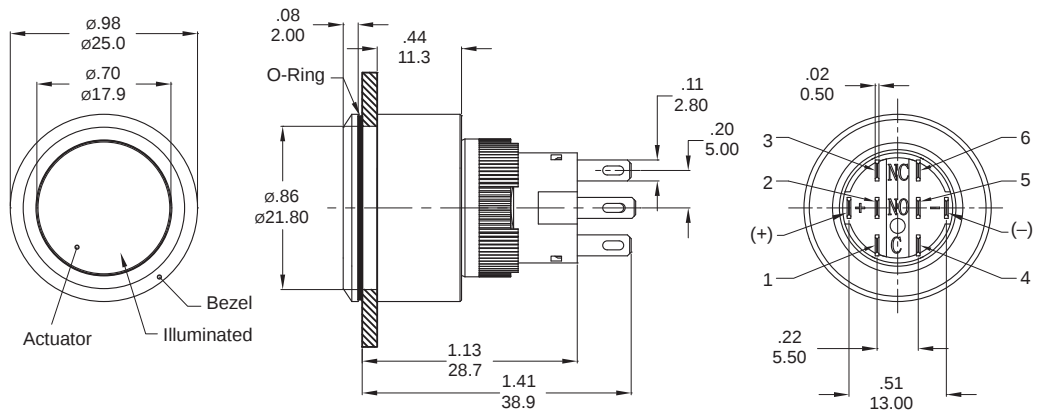
Part No. Shown : KPB22-88P1-F10-□□-JQ

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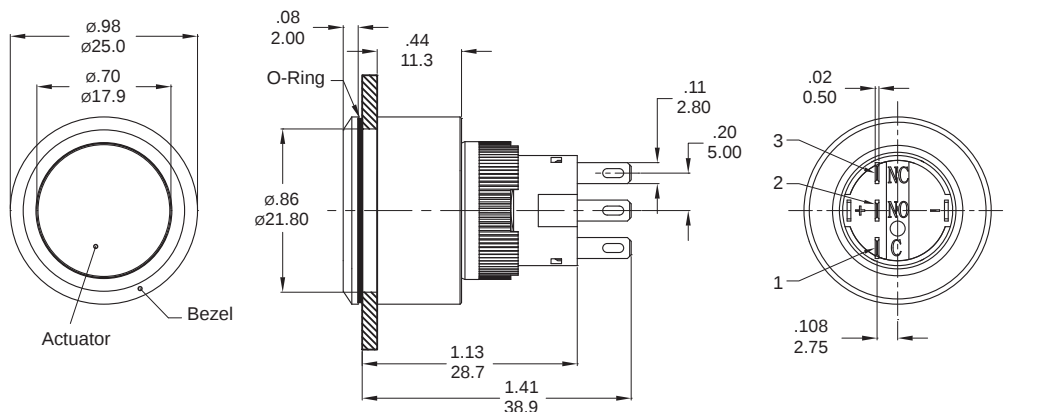
Part No. Shown : KPB22-8000-F10-□□-JQ

400



Part No. Shown : KPB22-8400-F20-5□-JQ

800 Non-LED



Part No. Shown : KPB22-8800-F10-JQ



KPB22
Pushbutton Switches