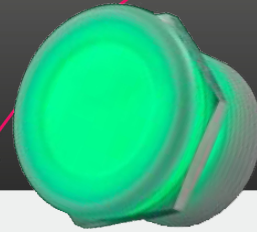


# ILLUMINATED PLASTIC PIEZO SWITCH



## BPSI2 RETRO-ILLUMINATED PLASTIC PIEZO BUTTON

### Description

Plastic POM (Polyoxymethylene) Piezo Switch, 22mm mounting diameter 22×1mm thread, 25.7mm flat actuation area, one piece construction and mounted with a nut.

Plastic housing is available in White.

Retro-illumination. Led colors: red, green blue, white, yellow. 1, 2, 3 led colors or RGB. (5,12 or 24V).

### Approvals

- MIL-STD - 810C, 202E, 461B, 462
- CE - EVERSITCH products comply with Directives 2006/95/EEC for low voltage components.
- IP Rating – IP69K Compatible with IEC 60529; EN 60529
- EMC: Directive 2004/108/EWG

### Characteristics

- IP 69
- Completely submersible
- Proven Reliability: Tested for 50,000,000 cycles
- High strength, hardness and rigidity
- Temperature -40 to +90 °C
- Five year warranty

### Customized Options

A wide range of design options are available: Cable, wires & connectors, switch function, current rating, colors White, Red, Black.

## TECHNICAL DATA

### Electrical Data

Switch Function	N.O. Momentary
Switch Voltage	0-24 AC/DC
Switch Current	0.2A std (1A option)
Rated Breaking Capacity	1W
Operating Cycles	>50,000,000
Switch Resistance OFF	> 5 MΩ
Switch Resistance ON	< 20 Ω
Capacity	30 pF
Pulse Duration	125-300m
Contact Configuration	Free polarity

### Mechanical Data

Actuating Force	3-5 Newton
Housing Materials – Plastic POM (Polyoxymethylene)	
Illuminated Ring	Polycarbonate
Connection	Cable/wires/pins
Actuating Force	3-5 Newton
Shock Protection	IK 06
Fastening Torque	2.5 Nm

### Environmental Data

Operating Temperature	-20 to +70 °C
Storage Temperature	-40 to +85 °C
IP-Protection	IP69K (front and back)