

BPS 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, Red, and Black.

Approvals

- MIL-STD - 810C, 202E, 461B, 462
- CE - EVERSWITCH 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 (0.5A 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)	
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)