

SPECIFICATIONS

This button is a highly vandal resistant button with essentially no moving parts. It is pressure activated, but can withstand an impact from a baseball bat or hammer. When the switch activates, you hear a two tone beep and the LED flashes.

Body Material: Aluminum, Powder Coated

Colors: Black, Silver, Green & Yellow

To specify color, add B for black, S for silver, G for green or Y for yellow in "X" position in part number.

Button Material: 316 Stainless Steel

Piezo Driven Solid State Switch:

Operating Force: 3 lbs. Maximum

Operating Temperature: -30°F to 165°F (-34°C to 70°C)

Operating Voltage: 15-36V DC or 12-28V AC

On Resistance: 10 Ω typical.

Operating Life: Greater than 100 million operations.

Switch Hold Time: 6 seconds Minimum

Operating Standby Current: 10µA typical (equivalent to 2 MΩ at 20V)

LED:

Operating Mode: Approx. 0.025 sec flash each time button is pressed.

Luminous Intensity: Greater than 1200 mcd (ultra bright red)

Viewing Angle: 160°

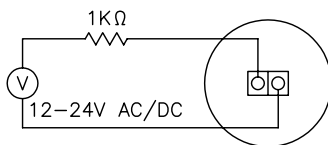
Beeper:

Sounds simultaneously with LED flash.

Different tones for press and release, 2.3 kHz & 2.6 kHz.

Beeper uses power from existing switch wires.

Suggested Test Circuit



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Revised - 05/26/05										<b>POLARA ENGINEERING INC.</b> <b>4115 W. ARTESIA AVE. FULLERTON, CA. 92833</b>						
										TOLERANCES: .XXX ±.005 .XX ±.02 (EXCEPT AS NOTED)				SCALE 1:2		
DRAWN BY		CKR.		ENG. MGR.		MFG. MGR.		DATE		DSN. ENG.		Q.A. APP.		FINAL APP.		USE
BB								07-23-03								
TITLE										VANDAL RESISTANT PUSH BUTTON w/ LED, MOMENTARY				DWG. NO. BDLM2-X		
REV.	DATE	LTR	E.C.O. NO.	BY	CKR	ENG	DSN	MFG	QA	FNL						