



This button is a very good choice for warm type climates. A potential occurrence with all manufacturers/makes of moving plunger 2" ADA style buttons is for the plunger to become stuck in. This button incorporates polara's self resetting solid state switch which will not put in a constant call even if the button plunger becomes stuck. Because there is potential for the button plunger to stick due to significant grit, freezing rain or vandalism, this type of button is not recommended for environments with high occurrences of blowing sand, snow or freezing rain, and vandalism. If you encounter these problems, use Polara's Bulldog button. It is impervious to all of these problems because it has no moving plunger/parts.

SPECIFICATIONS

- Body Material: High impact thermoplastic alloy blend
- Colors: Green, Black, Silver & Yellow  
To specify color add G for green, B for black, S for silver or Y for yellow in "X" position in part number.
- Melt Temperature: 500°F (260°C)
- High temperature dimensional stability.
- Chemical resistance to gasoline and oils.
- Weather resistant.
- UV stable.
- High impact strength at temperatures down to -40°F (-40°C).
- Bearing Material: Black Nylon
- Maximum Temperature: 170°F (77°C)
- Maximum Intermittent Temperature: 355°F (179°C)
- Low coefficient of friction.
- Chemical resistant.
- Good abrasion resistance.
- High strength.
- Button Material: High impact thermoplastic alloy blend
- Colors: Green, Black, Silver & Yellow  
To specify color add G for green, B for black, S for silver or Y for yellow in "X" position in part number.
- Actuating Force: 3 ±1 lbs.
- Actuating Stroke: .25"
- Switch:  
Piezo driven solid state switch.
- Operating Temperature: -40°F to 221°F (-40°C to 105°C)
- Operating Voltage: 8-36V AC or DC
- Max Current: .3A fused (auto resetting)
- Typical Life: Greater than 20 million operations.

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02-28-02	B	21827	BB							
Revised - 02/28/02										
09-13-01	A	21776	BB	CLM	LB	WR	FB	RVC	JMc	
REV. DATE	LTR	E.C.O. NO.	BY	CKR	ENG	DSN	MFG	QA	FNL	

<p><b>POLARA ENGINEERING INC.</b> 4115 W. ARTESIA AVE. FULLERTON, CA. 92833</p>				TOLERANCES: .XXX ±.005 .XX ±.02 (EXCEPT AS NOTED)		SCALE
				1:2		
DRAWN BY	CKR.	ENG. MGR.	MFG. MGR.	SHEET	OF	
BB	CLM	LB	FB	1	1	
DATE	DSN. ENG.	Q.A. APP.	FINAL APP.	USE		
08-05-99	WR	RVC	JMc			
TITLE				DWG. NO.		
MOVING PUSH BUTTON w/ PLASTIC CAP				MPBP-XX		