



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. The stainless steel cap has a higher potential to stick then the polycarbonate cap on the MPBP-XX style. 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: 303 Stainless
 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	B	21776	BB	CLM	LB	WR	FB	RVC	JMc	
REV. DATE	LTR	E.C.O. NO.	BY	CKR	ENG	DSN	MFG	QA	FNL	

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