

STANDARD PUSHBUTTON SWITCHES

8N

FEATURES

The 8N Standard Push Button Switch is the basic type of Series 8 Push Button Switches and comes in two types : momentary and alternate actions. The Button is available in 8 mm dia., 10 mm dia. and 15 mm dia., and in 8 colors. Specify the desired color by part number as required to enhance front panel design.

SPECIFICATIONS

Rating	Max. rating	6A 125VAC (Resistive)
	Min. rating	10mA 5VAC/DC
Initial contact resistance	10mΩmax. (1A 2~4VDC)	
Initial dielectric strength	1,000VAC 1 minute	
Initial Insulation resistance	1,000MΩ min. (500VDC)	
Electrical life	Alternate type	40,000 operations
	Momentary type	25,000 operations
Operating temperature range	-20°C ~ +85°C	
Storage temperature range	-40°C ~ +85°C	



PC HOLE LAYOUTS

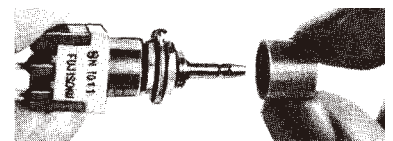
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TERMINAL STYLES

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COLOR BUTTON MOUNTING

Snap-in type button can be easily installed and removed.



PART NUMBERING

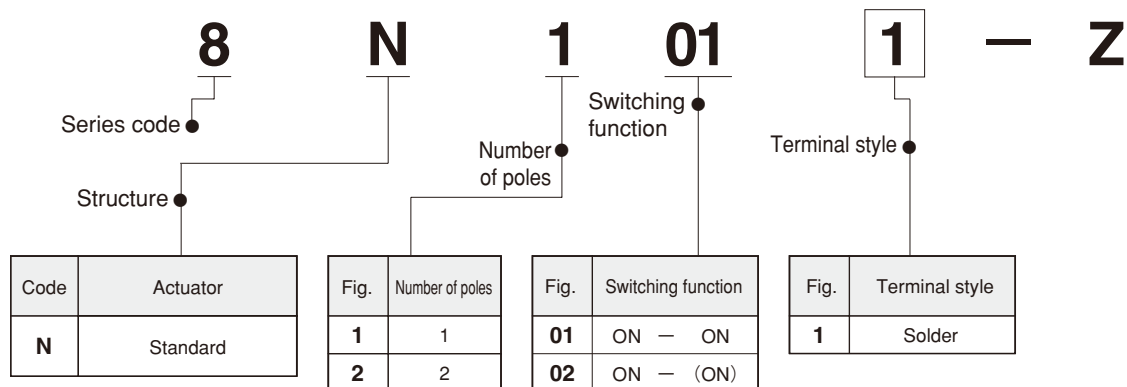


TABLE OF PART NUMBERS

Terminal style	Switching function	Number of poles	
		1-pole	2-pole
S/D (Solder)	ON - ON	Ⓢ 8N1011-Z	☆ 8N2011-Z
	ON - (ON)	Ⓢ 8N1021-Z	8N2021-Z

☆: Quasi-standard items.

※Please contact us if you can't find your preferable combination in the table of part numbers.

■ Specifications are subject to change without notice. Specifications in this catalog are for reference. The formal specification sheets will be submitted upon request.

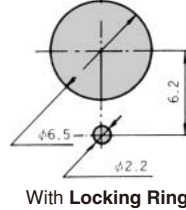
8N STANDARD PUSHBUTTON SWITCHES

STANDARD ACCESSORIES

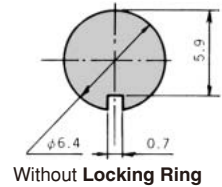
Hex Nut	Lockwasher	Locking Ring
140008010241	140008030051	140008020062
Nickel plated	Zinc plated	Zinc plated

PANEL CUT - OUT DIMENSIONS

t=1.5mmMAX.



t=2.5mmMAX.

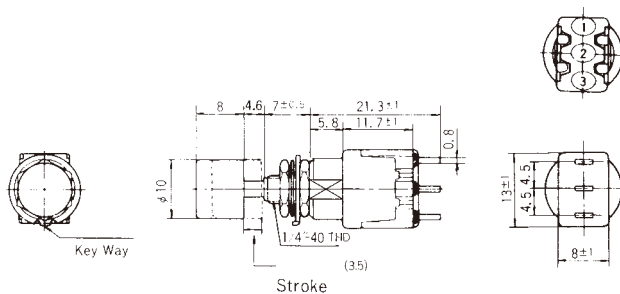


Part name	Color Button			
Dimension A	φ 8	φ 10	φ 15	
Dimension B	7.5	8	10	
<p>Material : PA</p>	White	140000481420	140000480082	140000480088
	Red	140000481421	140000480083	140000480089
	Black	140000481422	140000480081	140000480090
	Gray	140000481423	140000480084	140000480091
	Green	140000481424	140000480085	140000480092
	Blue	140000481425	140000480086	140000480093
	Orange	140000481426	140000480087	140000480094
	Yellow	140000481427	140000480371	140000480372

Hex Nut (2 pcs), Lockwasher (1 pce) & Locking ring (1 pce) come with a switch, unmounted.
A Color Button shall be specified by button part No.

OUTLINE DIMENSIONS

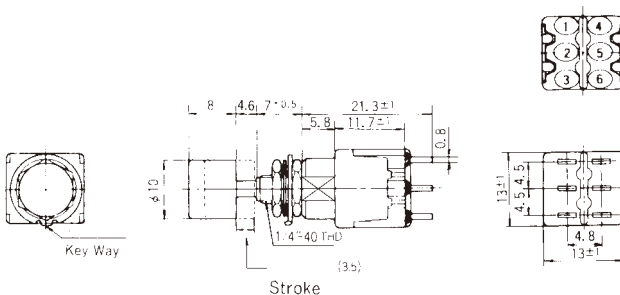
SPDT



Switching function		
Part No.		
※ 8N101 ■ -Z	ON	ON
8N102 ■ -Z	ON	(ON)
Connecting terminals	2-3	2-1

※Circuit changes whenever pushed.

DPDT



Switching function		
Part No.		
※ 8N201 ■ -Z	ON	ON
8N202 ■ -Z	ON	(ON)
Connecting terminals	2-3 5-6	2-1 5-4

※Circuit changes whenever pushed.
※(ON) : Momentary