SPLASH PROOF PUSHBUTTON SWITCHES 8P

■ FEATURES

The 8P Splash Proof Push Button Switch is intended for panel sealing and is so designed that with O-rings it can prevent moisture and dust from entering through the panel. Because a Locking Ring cannot be uesd for panel sealing, the bushing is D-cut to prevent the switch from turning.
The moisture proof and dust proof performance will not be adversely affected if the switch is mounted in a round 6.5 mm diameter panel mounting hole.

RoHS compliant

The splash proof push button switch is a panel seal switch to seal against ingress of moisture, etc. However, it cannot be used in water.

■ 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		1,000MΩmin.	（500VDC）
Electrical life	Alternate type	40,000 operations	
	Momentary type	25,000 operations	
Operating temperature range		−20℃〜＋85℃	
Storage temperature range		−40℃〜＋85℃	

■ PART NUMBERING

8 P 1 01 1 — Z

Series code ●
Structure ●
Number of poles ●
Switching function ●
Terminal style ●

Code	Actuator
P	Splash proof

Fig.	Number of poles
1	1
2	2

Fig.	Switching function
01	ON — ON
02	ON — (ON)

Fig.	Terminal style
1	Solder

■ TABLE OF PART NUMBERS

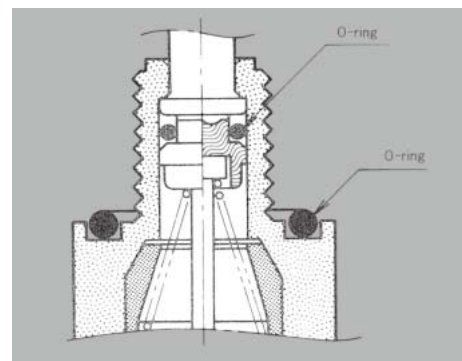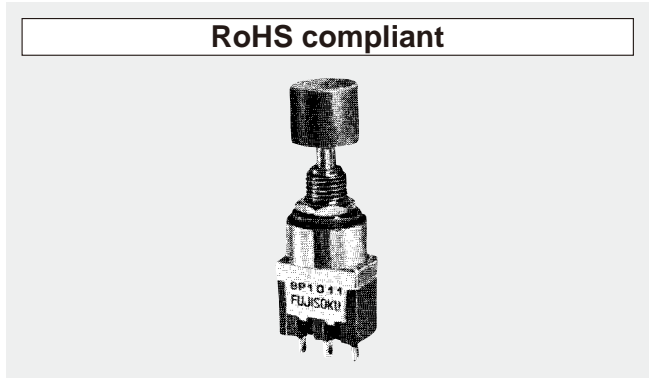| Terminal style	Switching function / Number of poles	1—pole	2—pole
S/D (Solder)	ON — ON	⑤ ℜ 8P1011−Z	★ ℜ 8P2011−Z
	ON — (ON)	⑤ ℜ 8P1021−Z	ℜ 8P2021−Z

★：Made-to-order items.

■ PC HOLE LAYOUTS

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■ PANEL CUT - OUT DIMENSIONS

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※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.

8P
SPLASH PROOF PUSHBUTTON SWITCHES

■ STANDARD ACCESSORIES

Hex Nut	Lockwasher	O—Ring
140008010241	140008030051	140000610076
1/4"—40 THD 8 1.5	6.6 t=0.5 10.2 1	7.5 10.5 1.5
Nickel plated	Zinc plated	Nitrile rubber（Black）

■ COLOR BUTTON MOUNTING

Snap-in type button can be easily installed and removed.
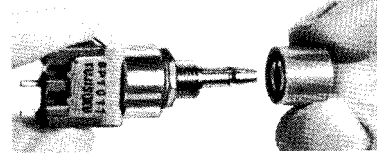
| Part name		Color Button		
Dimension **A**		ϕ 8	ϕ 10	ϕ 15
Dimension **B**		7.5	8	10
	White	140000481420	140000480082	140000480088
	Red	140000481421	140000480083	140000480089
	Black	140000481422	140000480081	140000480090
	Gray	140000481423	140000480084	140000480091
	Green	140000481424	140000480085	140000480092
	Blue	140000481425	140000480086	140000480093
	Orange	140000481426	140000480087	140000480094
Material : PA	Yellow	140000481427	140000480371	140000480372

● **Hex Nut, Lockwasher** & **O—ring** (1 pce each) come with a switch, unmounted. A **Color Button** shall be specified by button part No.
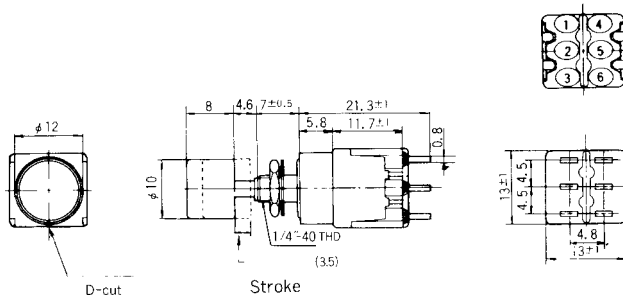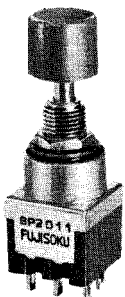
■ OUTLINE DIMENSIONS

SPDT

8 4.6 7±0.5
21.3±1
5.8 11.7±1
0.8
ϕ10
1/4"-40 THD
(3.5)
Stroke

D-cut

13±1
4.5 4.5
8±1
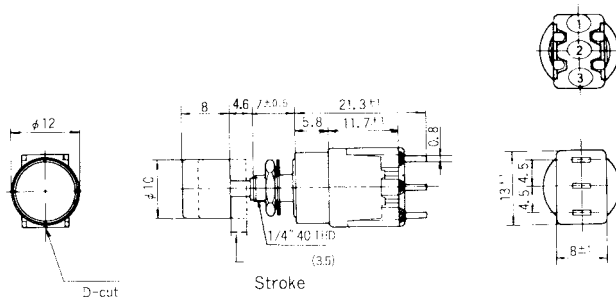
Terminal number not shown on box.

Switching function / Part No.	⬛	⬇⬛
※ 8P101■—Z	ON	ON
8P102■—Z	ON	（ON）
Connecting terminals	2—3	2—1

※Circuit changes whenever pushed.

DPDT

8 4.6 7±0.5
21.3±1
5.8 11.7±1
0.8
ϕ10
1/4"-40 THD
(3.5)
Stroke

D-cut

13±1
4.5 4.5
4.8
13±1

Terminal number not shown on box.

Switching function / Part No.	⬛	⬇⬛
※ 8P201■—Z	ON	ON
8P202■—Z	ON	（ON）
Connecting terminals	2—3 5—6	2—1 5—4

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

Sept,
2007