SOCA®

SG-16 Multi-function Push Button

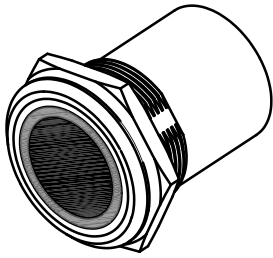CE RoHS Compliant

- Provide 3-D operation functions : Pressing, LED indicator, and sound warning. Wide range of applications especially for accessible environment.

- Combining mechanical and electronic controls※. Backup output function support. Mechanical output is available when electronic control is out of order.

- Internal microcomputer control with adjustable output time. The output is accompanied by a beep souond simultaneously. Intermittent sound to remind before the end of output. (It also could adjust continuous beep sound.)

- Waterproof stainless steel case. Buzzer volume has 4 segments to adjust.

※ When its electronic control is out of order (power cut or malfunction of internal board), it will automatically change to mechanical control without output delay function.

Specification

State Indicator	Red and Green Double-colored LED light
Voltage input	12VDC~24VDC ±10%
Standby Voltage	17mA ±10%
Current Consumption	Maximum 50mA ±5%
Contact Output	N.O. X 1 set & N.C. X 1 set
Output Status	Trigger / Toggle (turn the VR to the right)
Delay time	0.5 sec~ 60 sec
Case	#304 Stainless Steel & PC Material
Buzzer	Sound off / Minimum / Medium / Maximum
Contact load	≦2A@30VDC
Contact life	≧50,000 times (2A@30VDC)
Waterproof protection	The front panel against water splashing
Operation temperature	0~75℃ (Humidity 85% R.H. Max)

Function

⦿ Red : Standby   ◯ Green : Action

-◯- Blinking green : Action is coming to the end

Fuction selection

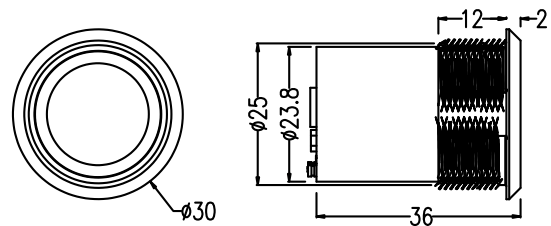JP1 [▫▪] : 4 seconds before the end of the action with LED flashing 6 times with buzzer sound.

JP1 [▪▫] : Green light and buzzer sound are on when it is operating.

Sound Adjustment

[1 2 ON] Buzzer sound off   [1 2 ON] Medium

[1 2 ON] Minimun   [1 2 ON] Maximum (Default)

Dimensions

Ø25 Ø23.8 Ø30 12 2 36

Model

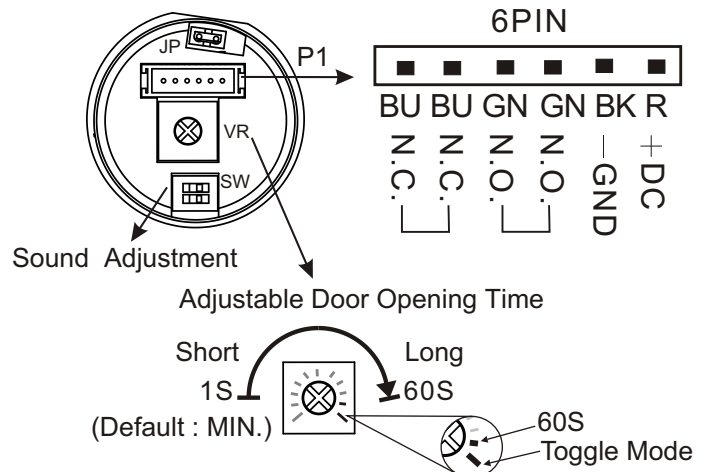| Single switch	Package		
	SG-20P Dimensions: 115×39×4.5mm	SG-60P Dimensions: 115×70×4.5mm	SG-80P Dimensions: 86×86×4.5mm
SG-16	SG-26	SG-66	SG-86

SG - 1 6 - RG

Template → 25mm   ↓ Indicator color

Template
1 : w/o Template
2 : SG-20P
6 : SG-60P
8 : SG-80P

Indicator color
R : Red
B : Blue
G : Green
X : w/o LED

Connector

JP P1 VR SW

Sound Adjustment

Adjustable Door Opening Time

6PIN

BU	BU	GN	GN	BK	R
N.C.	N.C.	N.O.	N.O.	⏚ GND	+ DC

Short
1S
(Default : MIN.)

Long
60S

60S
Toggle Mode

Turn VR to the right as Toggle mode Output. (Switch mode, press once to ON and press one to OFF.)