

G2 Series

Rotary Switch



■ Features

- ◆ Designed for water and dust tight (IP64)
- ◆ Small compact size
- ◆ Long life and high reliability
- ◆ Widely used in automotive electronics, home appliances and industrial control

■ Application

- ◆ Car
- ◆ Home appliances

■ Parameters

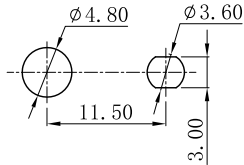
Rating		0.1A 12VDC
Operating Frequency	Electrical	10~30 cycles/min
	Mechanical	120 cycles/min
Contact Resistance (Initial Value)		100mΩ Max.
Insulation Resistance (at 500VDC)		100MΩ Min.
Vibration Durability		10~55Hz, move 0.75mm (p-p)
Dielectric Strength		500VAC (50~60Hz)
Operating Temperature		-30°C~+85°C
Operating Humidity		85% RH Max.
Service Life	Electrical	100,000 cycles
	Mechanical	100,000 cycles

G2 Series Rotary Switch Ordering Instruction

G2	01	E	00	A	1	G	F	400	T001	U
Switch Type	Electrical Rating	Terminal Type	Lever Type	Circuitry	Posts	AWG Type (for wire type only)	AWG Number (for wiretype only)	Wire Length	Custom Code	LOGO
G2 Series Rotary Switch	01 0.1A 12VDC	E Wire leads to bottom 0.1A	01 01# Lever	A Circuit1-COM Circuit2-COM	1 Standard post	No lead wires	No lead wires	300mm length standard leadwires	General	U Unionwell
	... Other	F No-hole solder terminals	... Other	B Circuit1-COM	... Other	E 20#	A UL1007	Wire length 400mm	TO Customized according to requirements. the code formatis T+serial number XXX for example:T001	... Other
	... Other	... Other	... Other	C Circuit2-COM	... Other	F 22#	C UL1430	Other	... Other	... Other
						G 24#	D UL1061			
						H 26#	F AVSS			
						I 28#	H UL1332			
						... Other	... Other			

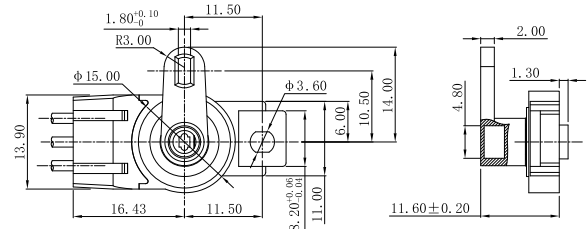
■ Mounting Hole Dimensions

Posts with different dimensions



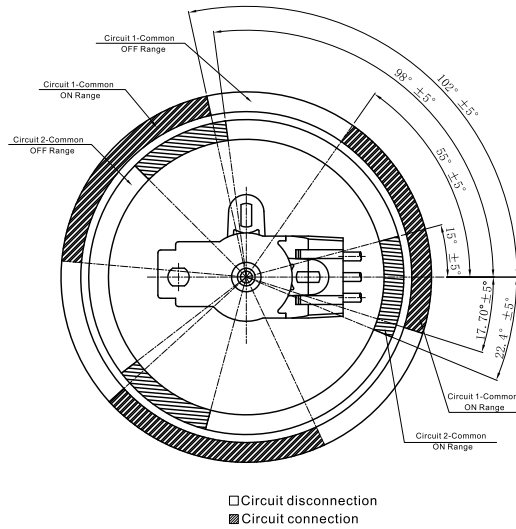
■ Lever Type

01#: Leaf Lever



■ Circuit Configuration

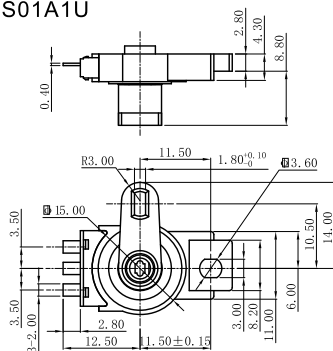
Transfer Contact Diagram



□ Circuit disconnection
 ■ Circuit connection
 Circuit 1 ON: $-17.70^{\circ} \pm 5^{\circ} \sim 55^{\circ} \pm 5^{\circ}$ The black wire is connected to the gray wire
 Circuit 1 OFF: $55^{\circ} \pm 5^{\circ} \sim 102.3^{\circ} \pm 5^{\circ}$ The black wire is disconnected from the gray wire
 Circuit 2 ON: $-22.40^{\circ} \pm 5^{\circ} \sim 15^{\circ} \pm 5^{\circ}$ The black wire is connected to the blue wire
 Circuit 2 OFF: $-15^{\circ} \pm 5^{\circ} \sim 98^{\circ} \pm 5^{\circ}$ The black wire is disconnected from the blue wire

■ Shape

G201-S01A1U



G201-E01A1-□□□

