

CHARACTERISTICS

1-Carbon plate

Resistance range	47KΩ
Rated power (50°C)	B:0.2W
Maximum Resistance	±18% (1M±30%)
Maximum working voltage	AC250V
Taper	B

2-General

Insulation resistance	Min.100MΩ at DC500V
Dielectric strength	AC750V1minute (between open contacts)
	AC1500V 1minute (between carbon and contacts)
Total Rotation Angle	270° ± 50°
Rotational noise	≤47mv
Residual resistance	≤1%R
Rotation Torque	1~10mN.m
Shaft stop strength	3Kgf.cm
Switch working stroke	(3± 0.5) mm
Switch working force	50~300gf.cm
Temperature Range	-25°C~105°C (at normal voltage)
Click position	36 detents
Welding tin temperature	T≤260°C,t≤10s

3-Contact

Arrangement	1 form C (SPDT-NO)
Type	Double type
Resistance (initial)	Max.50mΩ (at DC6V 1A)
Material	Special silver alloy

4-Switch contact ratings (Resistive)

Nominal load	10A AC250V or DC24V
Max. Switching Power	2,500W
Max. Switching Voltage	AC250V,DC150V
Max. Switching Current	10A
Max. Carrying Current	15A
Min. Switching Load	DC5V, 100mA

5-Durability

Mechanical life	50,000 operations (10~17 times/minute)
Electrical life	30,000 operations (10~17 times/minute)

6-Withstand vibration property

Misoperation	10 to 55 Hz Double amplitude of 3.3mm
Endurance	10 to 55 Hz Double amplitude of 3.3mm

7-Shock Resistance

Misoperation	100m/ s ² (11±1ms)
Endurance	500m/ s ² (6±1ms)