

FEATURE

1. Researched & developed with various standards for wide operating of device.
2. With various circuit formation which is cam switch's key part, can be perfectly applied to all kinds of devices (refer to separate circuit collection).
3. Improved production quality acc. to standardization circuit through strict testing
4. UL/IEC/ANSI C39.1, 12.10



PART MATERIALS

Part	Materials
Body	ABS(ABS endurance) resin, PBT resin
CAM	Acetal resin
Contact	Cadmium(AgCdO) (Silver-cadmium oxide alloy)
Terminal	Brass
Bolt	MSWR-3 (Zn plating)
Spring	Stainless (Stainless steel)
Handle	66 Nylon resin

PERFORMANCE SUMMARY

Lifetime	Mechanical	Above 500,000 times (switching freq. : 20 times/min)
	Electrical	Above 200,000 times (switching freq. : 20 times/min)
Insulation voltage	AC/DC 600V	
Insulation resistance	Above 100M Ω (DC500V Meg.)	
Contact resistance	Below 20m Ω (initial value)	
Withstand voltage	AC 2500V/min. (50~60Hz)	
Withstand vibration	10~55Hz, double amplitude 1.5mm	
Withstand impact	About 50G (500m/s ²)	
Operating force	560g	
Ambient temperature/humidity	-20~+80°C / under 95%	

RATING

Contact Part Spec.	AC	rating-voltage	125V	250V	440V	
		rating current	15A	10A	3A	
		breaking current	closed breaking current = rating current \times 2.2			
		rating voltage	24V	110V	220V	
	DC	resistance	rating current	10A	5A	3A
			breaking current	closed breaking current = rating current \times 1.1		
		Induction	rating current	5A	1.2A	0.45A
			breaking current	closed breaking current = rating current \times 1.1		
	Rating conductive current		20A			
	Angle		refer to handle position sample diagram			

CONTROL CIRCUIT :

<p>SHCS-C2123 (AMPERE METER SWITCH) 2 CT (AS)</p> <p style="text-align: right;">3ϕ 3W</p>	<p>SHCS-C2124 (VOLT METER SWITCH) 2 PT (VS)</p> <p style="text-align: right;">3ϕ 3W</p>
<p>SHCS-C3123 (AMPERE METER SWITCH) 3 CT (AS)</p> <p style="text-align: right;">3ϕ 3W</p>	<p>SHCS-C2033 (VOLT METER SWITCH) 3 PT (VS)</p> <p style="text-align: right;">3ϕ 3W</p>
<p>SHCS-C5123 (AMPERE METER SWITCH) 3 CT (AS)</p> <p style="text-align: right;">3ϕ 4W</p>	<p>SHCS-C3080 (VOLT METER SWITCH) 3 PT (VS)</p> <p style="text-align: right;">3ϕ 4W</p>
<p>SHCS-C1235 CR2 (2a+2a) (CS)</p> <p style="text-align: center;">LOCK PULL TYPE</p> <p style="text-align: center;">OFF \rightarrow \leftarrow ON</p>	<p>SHCS-C1235 a (1a+1a with 1a+1b residual contacts) (CS)</p> <p style="text-align: center;">LOCK PULL TYPE</p> <p style="text-align: center;">OFF \rightarrow \leftarrow ON</p>

DIMENSION

