

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 × 2.2			
		rating voltage		24V	110V	220V	
	DC	resistance	rating current	10A	5A	3A	
			breaking current	closed breaking current = rating current × 1.1			
		Induction	rating current	5A	1.2A	0.45A	
			breaking current	closed breaking current = rating current × 1.1			
	Rating conductive current				20A		
	Angle				refer to handle position sample diagram		

CONTROL CIRCUIT :

SHCS-C2123 (AMPERE METER SWITCH) 2 CT (AS) 3ϕ 3W	SHCS-C2124 (VOLT METER SWITCH) 2 PT (VS) 3ϕ 3W
SHCS-C3123 (AMPERE METER SWITCH) 3 CT (AS) 3ϕ 3W	SHCS-C2033 (VOLT METER SWITCH) 3 PT (VS) 3ϕ 3W
SHCS-C5123 (AMPERE METER SWITCH) 3 CT (AS) 3ϕ 4W	SHCS-C3080 (VOLT METER SWITCH) 3 PT (VS) 3ϕ 4W
SHCS-C1235 CR2 (2a+2a) (CS) LOCK PULL TYPE OFF $\longrightarrow$ $\longleftarrow$ ON	SHCS-C1235 a (1a+1a with 1a+1b residual contacts) (CS) LOCK PULL TYPE OFF $\longrightarrow$ $\longleftarrow$ ON

DIMENSION

