

Slide Switch 1.5mm-travel, with External Knob Type

SSAC Series



1.5mm-travel horizontal type with external type knob.

- Detector
- Push
- Slide
- Rotary
- Encoders
- Power
- Dual-in-line Package Type
- TACT Switch™
- Custom-Products



Typical Specifications

Items		Specifications	
Rating(max.)(min.) (Resistive load)		1mA 5V DC/50μA 3V DC	
Contact resistance (Initial performance/After lifetime)		100m max./200m max.	
Operating force		2-positions	3-positions
		2.5 ± 1.5N	a, c b 2±1.5N b a, c 2.5±1.5N
Operating life	Without load	10,000cycles	
	With load	10,000cycles(1mA 5V DC)	

Product Line

Travel (mm)	Actuator direction	Actuator length(mm)	Poles	Positions	Mounting method	Changeover timing	Soldering	Minimum order unit(pcs.)	Product No.	Drawing No.
1.5	Horizontal	4.4	2	2	Press-in	Non shorting	Manual, Dip	8,000	SSAC120100	1
				3		Not specified			SSAC120200	2

Notes

1. Products other than those listed in the above chart are also available. Please contact us for details.
2. Please place purchase orders per minimum order unit(integer).










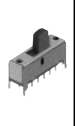
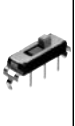


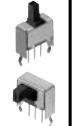
- Small size
- General Use type
- Big size
- General Use type
- Other Use type

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No.	Style	PC board mounting hole dimensions (Viewed from the direction A)
1	<p>2-poles, 2-positions</p>	
2	<p>2-poles, 3-positions</p>	

Circuit Diagram (Viewed from Direction A)	Circuit Diagram (Viewed from Direction A)
<p>2-poles, 2-positions</p>	<p>2-poles, 3-positions</p>

List of Varieties

Series		SSAG	SSAH	SSAD	SSSS8	SSSS7	SSSS2	SSSS9	SSSF	SSSU	SSSB	SSST	SSAA	SSAC	SSAB										
Photo																									
Outline specifications	Travel (mm)	1.5			1.5 2		2		3		4		2	1.5	1.9 2										
	Actuator direction	Horizontal			Vertical Horizontal	Horizontal	Vertical Horizontal			Vertical		Horizontal		Vertical Horizontal											
	Number of poles	1			1 2		1 2 4		2 4	1	1 2	2	1												
Dimensions (mm)	W	9.05	9.5	6.7	11.2	8.8	13	14	16.5	24.5	29	13	12.4	9.5	9										
	D	3		3.2	2.6	3	3.5	4.7	7		9	4.3	6	5.5	4.2										
	H	1.15	0.9	0.7	1.4	2		5	8.5		12	3.5	5	5.2	8.5										
Operating temperature range		-10 to +60			-40 to +85		-10 to +60																		
Rating (max.)(min.)(Resistive load)		10mA 5V DC	1mA 5V DC		0.3A 4V DC		0.3A 6V DC	0.1A 12V DC	0.1A 30V DC		0.3A 30V DC	0.1A 12V DC	0.1A 30V DC	1mA 5V DC	0.1A 12V DC										
Electrical performance		Initial contact resistance		200m max.	100m max.	70m max.		30m max.	25m max.		20m max.	70m max.	25m max.	100m max.	30m max.										
		Insulation resistance				100M min. 100V DC			100M min. 500V DC					100M min. 100V DC	100M min. 500V DC										
		Voltage proof				100V AC for 1minute			500V AC for 1minute					100V AC for 1minute	500V AC for 1minute										
Mechanical performance		Robustness of terminal				3N for 1minute			5N for 1minute		3N for 1minute	5N for 1minute													
		Robustness of actuator		Operating direction	Pulling direction	10N	5N	10N	20N	30N		50N	20N	10N	5N	30N									
				Static force		10N		30N		10N		30N		10N		40N									
Durability		Operating life without load		10,000cycles	100m max.	2		10,000cycles	60m max.	10,000cycles		45m max.	10,000cycles	40m max.	100m max.	45m max.	10,000cycles	200m max.	1,000cycles	60m max.					
		Operating life without load Load as rating		500m max.	300m max.	10,000cycles	200m max.	10,000cycles	130m max.	2		10,000cycles	80m max.	10,000cycles	65m max.	5,000cycles	60m max.	10,000cycles	130m max.	65m max.	200m max.	10,000cycles	80m max.		
Environmental performance		Cold		-40 ± 2 for 96h		-20 ± 2 for 96h																			
		Dry heat		85 ± 2 for 96h																					
		Damp heat		40 ± 2 , 90 to 95%RH for 96h																					
Soldering		Manual soldering		350 ± 5	3s max.	300 ± 5	5s max.	260 ± 5	3s max.	350 ± 10	4s max.	300 ± 10	5s max.	350 ± 10	5s max.	350 ± 10	3 ± 1s	350 ± 10	3s max.	300 ± 10	3 ± 1s	300 ± 10	2s	350 ± 10	3 ± 1s
		Dip soldering		260 ± 5				3 ± 1s	260 ± 5		5 ± 1s	260 ± 5		10 ± 1s	260 ± 5	5 ± 1s	260 ± 10	10 ± 1s	260 ± 10	5 ± 1s	260 ± 5	10 ± 1s			
		Reflow soldering		Please see P.154																					
Poles-positions		1-2	—	—									—			—									
		1-3			—																				—
		1-4					—																		
		2-2						—																	—
		2-3							—																—
		2-4																							—
		4-2																							—
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Note

The operating temperature range for automotive applications can be raised upon request. Please contact us for requirements of this kind.