

■ General-Purpose

5 A max. (Standard rivet contacts)

Actuator	Contact OF	Model				Soldered terminal	Tab (#110) terminal
		PCB terminal					
		Straight vertical	Parallel to left	Parallel to right			
Pin plunger	50 g	SS-5-FD	SS-5-FD1	SS-5-FD2	SS-5-F	SS-5-FT	
	150 g	SS-5D	SS-5D1	SS-5D2	SS-5	SS-5T	
Hinge lever	16 g	SS-5GL-FD	SS-5GL-FD1	SS-5GL-FD2	SS-5GL-F	SS-5GL-FT	
	50 g	SS-5GLD	SS-5GLD1	SS-5GLD2	SS-5GL	SS-5GLT	
Simulated roller lever	16 g	SS-5GL13-FD	—	SS-5GL13-FD2	SS-5GL13-F	SS-5GL13-FT	
	50 g	SS-5GL13D	SS-5GL13D1	SS-5GL13D2	SS-5GL13	SS-5GL13T	
Formed hinge lever	16 g	SS-5GL14-FD	SS-5GL14-FD1	—	SS-5GL14-F	SS-5GL14-FT	
	50 g	SS-5GL14D	SS-5GL14D1	SS-5GL14D2	SS-5GL14	SS-5GL14T	
Hinge roller lever	16 g	SS-5GL2-FD	SS-5GL2-FD1	SS-5GL2-FD2	SS-5GL2-F	SS-5GL2-FT	
	50 g	SS-5GL2D	SS-5GL2D1	SS-5GL2D2	SS-5GL2	SS-5GL2T	

10.1 A max. (Standard rivet contacts)

Actuator	Contact OF	Model				Soldered terminal	Tab (#110) terminal
		PCB terminal					
		Straight vertical	Parallel to left	Parallel to right			
Pin plunger	150 g	SS-10D	—	—	SS-10	SS-10T	
Hinge lever	50 g	SS-10GLD	—	—	SS-10GL	SS-10GLT	
Simulated roller lever	50 g	SS-10GL13D	—	—	SS-10GL13	SS-10GL13T	
Formed hinge lever	50 g	—	—	—	SS-10GL14	—	
Hinge roller lever	50 g	SS-10GL2D	—	—	SS-10GL2	SS-10GL2T	

Specifications

■ Characteristics

Switch type	General-purpose		
Operating speed (see note 3)	0.1 mm to 1 m/second (0.004 to 39.4 in/second)		
Operating frequency	Mechanical	400 operations per minute (pin plunger actuator type)	
	Electrical	60 operations per minute (pin plunger actuator type)	
Insulation resistance	100 MΩ at 500 VDC		
Dielectric strength	Crossbar contact type	600 VAC, 50/60 Hz for 1 minute (see note 1)	
	Others	1,000 VAC, 50/60 Hz for 1 minute between terminals of same polarity 1,500 VAC, 50/60 Hz for 1 minute between current-carrying parts and ground and between each terminal and noncurrent-carrying metal parts	
Vibration	Malfunction durability	10 to 55 Hz, 1.5 mm double amplitude	
Shock	Mechanical durability	Low-OF type: 500 m/s ² min. (approx. 50 g) Others: 1,000 m/s ² min. (approx. 100 g)	
		Malfunction durability	Standard type: 300 m/s ² min. (approx. 30 g) Low-OF type: 200 m/s ² min. (approx. 20 g) Lever type at TTP: Contact gap, 1 ms max.
	Ambient temperature		Operating
	Humidity	85% RH max.	
Service life	Mechanical	30 million operations minimum (OT: rated value) (see note 4)	
	Electrical	200,000 operations minimum (rated load) (see note 2)	
Weight	Approx. 1.6 g pin plunger type		

- Note:**
1. SS-10 series only.
 2. 50,000 operations minimum for the SS-10 series.
 3. Applies to the pin plunger type (at the pin plunger of the lever type).
 4. 10 million operations for the SS-10 series.
 5. Data shown are of initial value.