

# MINIATURE POSITIVE ACTION SWITCHES

Series - 8855, 8856, 8866-69

MIL-DTL-8834 Miniature Positive Action Switches  
Toggle and Lever Lock/IWTS Terminals

FEATURES		SPECIFICATIONS		CURRENT RATINGS						
<ul style="list-style-type: none"> <li>Sealed bushing</li> <li>Dry circuit (logic level loads) to power switching levels</li> <li>1 and 2 pole circuitry</li> <li>Non-teasible mechanism for all but center "ON" circuit</li> <li>Small and large size bushings and Actuator</li> <li>Toggle and lever lock Actuator</li> <li>Wiping action contacts</li> <li>Positive make and break action</li> <li>Integrated Wire Termination System (IWTS)</li> </ul>	<ul style="list-style-type: none"> <li>Bushing seal or bonded seal per MIL-DTL-8834</li> <li>MS approved and QPL listed to MIL-DTL-8834</li> <li>Temperature Range: -67°F to +160°F (-55°C to +71°C)</li> <li>Life: 20,000 operations at rated load 40,000 operations mechanical life</li> <li>Bushing thread sizes: Small Toggle: ¼" - 40 thread Large Toggle and Lever Lock: 15/32" - 32 thread</li> <li>Accepts SAE-AS39029/1-101 Pins (pins not included)</li> </ul>	No. of Poles	Catalog Number	Type of Operation	28VDC (Amperes per pole)		115VAC 60Hz and 400Hz (Amperes per pole)			
					Resistive Load	Inductive Load	Resistive Load		Inductive Load	
					28VDC	28VDC	60Hz	400Hz	60Hz	400Hz
		1	8855 8866 8868	Maintained and Momentary	5	1	2	3	1	2
		2	8856 8867 8869	Maintained and Momentary	5	1	2	3	1	2

Minimum Rating: 25 microamperes at 5 millivolts.

## SELECTION TABLE



CIRCUIT WITH LEVER IN . . .			ONE POLE				TWO POLE					
Up Position	Center Position	Down Position (Keyway)	MS Part Number	Catalog Number	MS Part Number	Catalog Number	MS Part Number	Catalog Number	MS Part Number	Catalog Number	MS Part Number	Catalog Number
				Large Lever		Small Lever		Large Lever		Small Lever		
ON	OFF	ON	MS21346-211	8868K51	MS24655-211W	8866K51	MS21347-211	8869K51	MS24656-211W	8867K51	MS21347-711	8869K51X
ON	NONE	OFF	-221	K57	-221W	K57	-221	K57	-221W	K57	-721	K57X
ON	NONE	ON	-231	K54	-231W	K54	-231	K54	-231W	K54	-731	K54X
ON	OFF	NONE	-241	K55	-241W	K55	-241	K55	-241W	K55	-741	K55X
*ON	OFF	ON*	MS21346-271	8868K52	-271W	8866K52	MS21347-271	8869K52	-271W	8867K52	MS21347-771	8869K52X
NONE	OFF	ON*	-281	K56	-281W	K56	-281	K56	-281W	K56	-781	K56X
ON	OFF	ON*	-311	K53	-311W	K53	-311	K53	-311W	K53	-811	K53X
NONE	ON	ON*	MS21346-321	K58 <sup>①</sup>	-321W	K58 <sup>①</sup>	MS21347-321	8869K58 <sup>①</sup>	-321W	8867K58 <sup>①</sup>	MS21347-821	8869K58X <sup>①</sup>
ON	ON	ON	-	-	-331W	-	-331	K59 <sup>①</sup>	-331W	K59 <sup>①</sup>	-831	K59X <sup>①</sup>
ON	ON	ON*	-	-	-351W	-	-351	K510 <sup>①</sup>	-351W	K510 <sup>①</sup>	-851	K510X <sup>①</sup>
*ON	ON	ON*	-	-	-341W	-	-341	K511 <sup>①</sup>	-341W	K511 <sup>①</sup>	-841	K511X <sup>①</sup>

**\* Momentary contact.**

① Dielectric per MIL-DTL-8834 except limited to 1250 volts. Delayed action of the switch toggle lever may cause circuit to close or open before snap action mechanism trips.

② Furnished with Bonded Seal feature. (Meets 15' head of water level requirement.)