



SEFUSE SM-A Thermal Fuses

Our SM/A thermal fuse uses a fusible alloy inside a ceramic case with a continuous current rating of 2A/250VAC. Because of its insulated case, the SM fuse can be applied directly to where it will be most effective.

Features

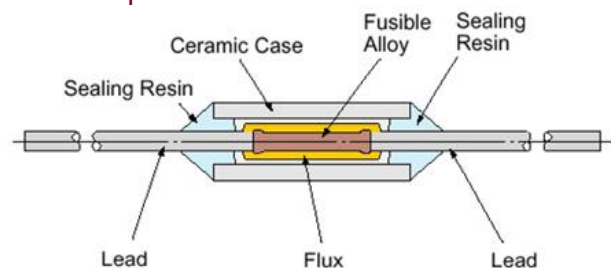
- Quick Response
- 2A/ 250VAC rating
- RoHS and REACH Compliant

Applications

- Rechargeable Batteries
- Small Appliances
- Electric Motors
- Transformers
- Solenoids

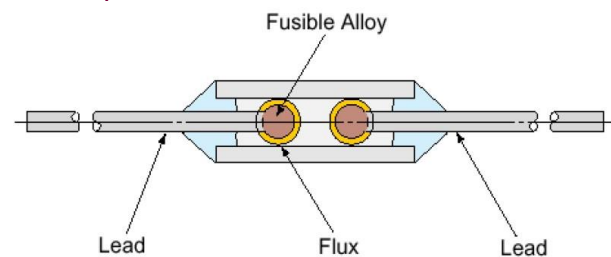


Before Operation



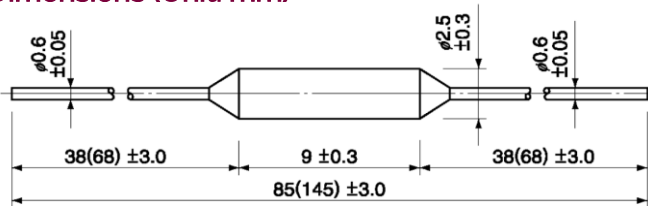
In the SM fuse, the leads are connected by a fusible alloy. The current flows directly from one lead to the other through the fusible alloy which is coated with a special flux.

After Operation



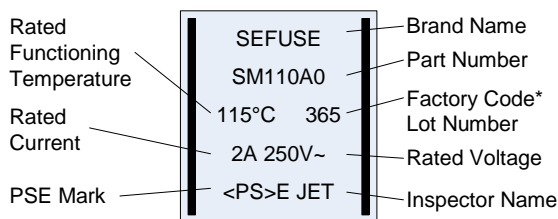
When the ambient temperature rises to the SM's operating temperature, the fusible alloy melts and coalesces into a drop around the end of each lead. This is due to surface tension forces and the special flux coating. The electrical circuit is then open.

Dimensions (Unit: mm)



Note: The dimensions for long lead devices are in parentheses.

Markings



* Factory Code represents the factory location as shown across

Japan: None
Thailand: C

Part Number	Rated Functioning Temperature Tf (°C)	Operating Temperature (°C)	Th Tc (°C)	Tm (°C)	Electrical Ratings		UL		CSA		VDE		BEAB		CCC		PSE	
					AC	DC	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand
SM072A0	76	72 +3/-2	46	100	2A (Resistive) AC250V	3A/DC50V(UL) 4A/DC50V (VDE)	E71747	SM072A0 has C-UL recognition	172780 (LR52330)	677802-1171-0001	C1191	*1	*2	1007	1017			
SM092A0	97	92 +3/-2	62	200		4A DC50V										1004	1016	
SM110A0	115	110 ±2	80	125		7A DC50V										1006	1011	
SM125A0	131	126 +3/-2	96	200		1002										1012		
SM137A0	142	137 +3/-2	107															
SM146A0	151	146 +3/-2	116	200														
SM150A0	150																	

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