

Thermal Cutoff Fuses

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USW-2 SERIES

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TEMPERATURE

Part No.	Tf	Tf Tolerance	Th
USW-211T	102°C(241.2°F)	+ 0 °C,-6 °C	70°C(183.6°F)
USW-210T	115°C(264.6°F)		85°C(210.6°F)
USW-215T	130°C(291.6°F)		95°C(228.6°F)
USW-216T	133°C(297°F)		100°C(237.6°F)
USW-217T	139°C(307.8°F)		105°C(246.6°F)
USW-225T	150°C(327.6°F)		120°C(273.6°F)

*Most of the models have CUL,TUL and UL approval.UL File No: E126429

ELECTRICAL

* RATED VOLTAGE : 250VAC

* RATED CURRENT : 2A

* INTERRUPTING CURRENT : 250VAC, 3A

* TRANSIENT OVERLOAD TEST CURRENT : dc current pulses, with an amplitude 30 A and a duration of 3 ms with 10 s intervals, are applied for 100 successive cycles through the current path.

EXPLANATION OF RATINGS

A. RATED FUNCTIONING TEMPERATURE (TF, Tf)

The temperature at which a thermal cutoff changes its state of conductivity to open circuit with detection current as the only load. The tolerance according to UL 1020 is +0, -10 °C.

B. HOLDING TEMPERATURE (TH, Tc)

The maximum temperature at which a thermal cutoff can be maintained while conducting rated current for 168 hours which will not cause a change in the state of conductivity to open circuit.

C. RATED CURRENT

The maximum current which the thermal cutoff is able to carry for a specified time at Tc without alteration of its Functioning Temperature.

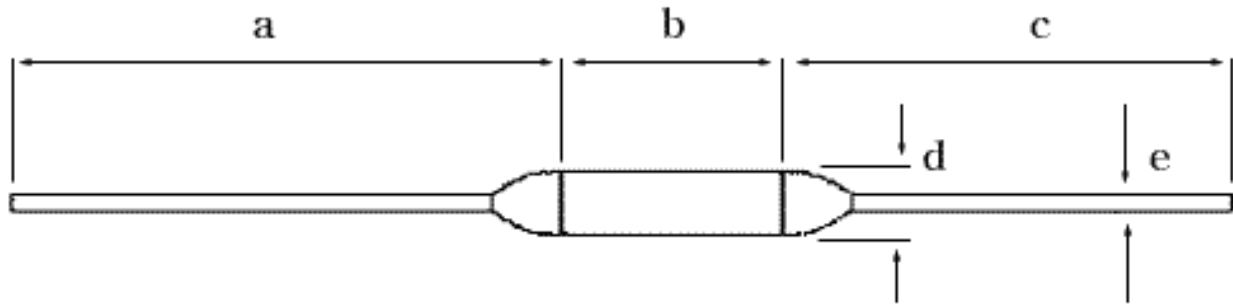
D. INTERRUPTING CURRENT

The value of the current that the thermal cutoff is capable of interrupting safely at rated voltage and under specified circuit conditions.

E. TRANSIENT OVERLOAD CURRENT

A direct-current pulse train which the thermal cutoff is able to withstand without impairing its characteristics.

DIMENSIONS



Dimension	a	b	c	d	e
mm	67.0±2.5	9.5.±0.5	67.0±2.5	2.5±0.2	0.6±0.05