



Sunny ELECTRONIC CO.,LTD.

.(A)Rated Functioning Temperature (TF.Tt)

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

.(B) Cut-off Temperature

Cut-off temperature is the actual operating Temperature range when the thermal cutoff is operate inside a constant temperature oven whose temperature is raised at the rate of 0.5 to 1 °C/min,while a detection current Of 10mA or lower is applied.

.(C) Holding Temperature(TH.Th.Tc)

The maximum temperature at which a Thermal cutoff can be maintained while conducting rated current for 168 hours without functioning.

Approvals

Catalogue number	(A) Rated Functioning Temperature TF.Tt(°C)	(B) Cut-off Temperature (°C)	(C) Holding Temperature TH.Th.Tc (°C)	(D) Maximum Temperature Limit TM.Tm (°C)	Electrical Ratings		UL	SP	DVE	S
					Current(A)	Voltage(V)				
M(L)10	102	98 ± 3	85	165	2A	250V	●	●	●	●
M(L)20	115	110 ± 2	75	165	2A	250V	●	●	●	●
M(L)30	125	120 ± 3	90	165	2A	250V	●	●	●	●
M(L)33	130	126 ± 3	100	165	2A	250V	●	●	●	●

Approved 已认证

Pending 认证中



.(D) Maximum Temperature Limit (TM.TM)

The maximum temperature at which mechanical and electrical properties of a thermal cutoff can be maintained for 10 minutes without resuming conductivity after functioning.

Dimensions(mm)

(A)	(B)	(C)	(D)	(E)
6.2	6.8	2.4	Φ0.25	60.0

Rated Current

Rated current is the maximum current that the thermal cutoffs allow to carry and are able to cut off the circuit in safety.

Rated voltage

Rated voltage is the maximum voltage that is allowed to apply to the circuit in which the thermal cutoff is used.

Standard

UL 1020
IEC 691