



TD Series



Dimensions (mm)

(A)	(B)	(C)	(D)
11.5	37.5	±1.0	±3.3

(A) Rated Functioning Temperature ($T_F \cdot T_i$)

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 $+0, -10^{\circ}\text{C}$.

(B) Cut-off Temperature

Cut-off temperature is the actual operating temperature range when the thermal cutoff is made to operate inside a constant temperature oven whose temperature is raised at the rate of 0.5 to $1^{\circ}\text{C}/\text{min}$, while a detection current of 10mA or lower is applied.

(C) Holding Temperature ($T_H \cdot T_b \cdot T_c$)

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

(D) Maximum Temperature Limit ($T_M \cdot T_n$)

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

Rated Current

Rated current is the maximum current that thermal cutoffs allow to carry and are able to cutoff 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 60691
IEC 60691

Approvals

Catalogue number	(A) Rated Functioning Temperature $T_F \cdot T_i (^{\circ}\text{C})$	(B) Cut - off Temperature $(^{\circ}\text{C})$	(C) Holding Temperature $T_H \cdot T_b \cdot T_c (^{\circ}\text{C})$	(D) Maximum Temperature Limit $T_M \cdot T_n (^{\circ}\text{C})$	Electrical Rating		cULus		S	C	
					Current(A)	Voltage(V)					
TD 102	102	97 ± 2	76	200	5A	250V	●	●	●	●	●
TD 115	115	112 ± 3	85	200	5A	250V	●	●	●	●	●
TD 125	125	121 ± 3	97	200	5A	250V	●	●	●	●	●
TD 130	130	126.5 ± 3	102	200	5A	250V	●	●	●	●	●
TD 150	150	147 ± 2	123	200	5A	250V	●	●	●	●	●

● Approved 已認證 ○ Pending 認證中