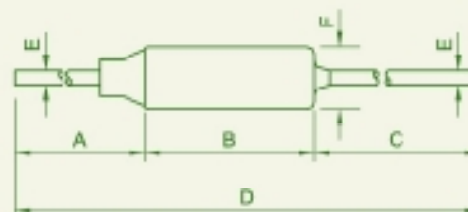


TE 10A

TE Series



Dimensions (mm)

(A)	(B)	(C)	(D)	(E)	(F)
20	11	34	65	Ø1.0	Ø4.3

(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 $\pm 0.10^\circ\text{C}$.

(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 ($T_H \cdot T_h \cdot T_c$)

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 $T_H \cdot T_h \cdot T_c (^\circ\text{C})$	(D) Maximum Temperature Limit $T_M \cdot T_n (^\circ\text{C})$	Electrical Rating		cULus	UL	S	CCC	REHS
					Current(A)	Voltage(V)					
TE 77	77	74 ± 2	48	200	10A	250V	●	●	●	●	●
TE 87	87	81 ± 2	52	200	10A	250V	●	●	●	●	●
TE 94	94	91 ± 2	62	160	10A	250V	●	●	●	●	●
TE 99	99	96 ± 2	68	200	10A	250V	●	●	●	●	●
TE 103	103	97 ± 2.5	68	200	10A	250V	●	●	●	●	●
TE 113	113	106 ± 2	81	200	10A	250V	●	●	●	●	●
TE 116	116	111 ± 2.5	83	200	10A	250V	●	●	●	●	●
TE 121	121	118.5 ± 2.5	86	200	10A	250V	●	●	●	●	●
TE 128	128	126 ± 2	100	250	10A	250V	●	●	●	●	●
TE 139	139	135 ± 2	109	200	10A	250V	●	●	●	●	●
TE 142	142	135 ± 2	110	200	10A	250V	●	●	●	●	●
TE 147	147	142 ± 2	117	250	10A	250V	●	●	●	●	●
TE 152	152	150 ± 2	122	250	10A	250V	●	●	●	●	●
TE 169	169	164 ± 2	139	300	10A	250V	●	●	●	●	●
TE 184	184	181.5 ± 2	154	300	10A	250V	●	●	●	●	●
TE 216	216	213 ± 2	186	300	10A	250V	●	●	●	●	●
TE 240	240	236 ± 2	230	300	10A	250V	●	●	●	●	●

● Approved 已認證 ○ Pending 認證中