

BTT Series Thermal fuse



Dimensions (unit in mm)

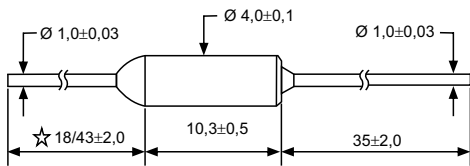


Table 1: ☆ BTTXXXXXXA: Special, length 18mm
 BTTXXXXXXB: Normal, length 18mm
 BTTXXXXXXC: Special, length 43mm
 BTTXXXXXXD: Normal, length 43mm

Features

The BTT series are non-resetting, thermal cutoff fuses that offer an accurate, reliable solution for upper limit temperature protection against overheating through interruption of electric current. With its metal case and leads they provide reliable strength and high current rating of 10 Amperes.

Application

BTT series thermal fuses are widely used in various applications such as transformers, adapters, secondary batteries, household appliances, gas water heaters, lighting and other heating equipment.

Part numbering system

- | | | | | |
|-----------|----------|------------|------------|----------|
| BT | T | 010 | 142 | B |
| ↓ | ↓ | ↓ | ↓ | ↓ |
| (1) | (2) | (3) | (4) | (5) |
- (1) Model..... ..BT... Better's Brand
 (2) Product series..... ..T... Thermal fuse
 (3) Rated current..... ..010... Rated current: 10A
 ..015... Rated current: 15A
 (4) Functioning temperature... ..142... Tf: 142°C
 (5) Remark number..... Reference Table 1



Electrical Characteristics at 25°C

NO.	Part number	Tf (°C)	Operating Temperature (°C)	Th (°C)	Tm (°C)	Ir (A)	Voltage (V)	Approvals					
								UL	CCC	TUV	PSE	VDE	KC
1	BTT0**073	73	69±2	50	150	10A 15A	250Vac	●	●	●	●	●	●
2	BTT0**077	77	72±2	62	150	10A 15A	250Vac	●	●	●	●	●	●
3	BTT0**084	84	80±3	50	150	10A 15A	250Vac	●	●	●	●	●	●
4	BTT0**094	94	91+3-2	65	150	10A 15A	250Vac	○	●	●	●	●	●
5	BTT0**099	99	95±2	71	150	10A 15A	250Vac	●	●	●	●	●	●
6	BTT0**113	113	108+2-3	95	180	10A 15A	250Vac	●	●	●	●	●	●
7	BTT0**121	121	117±3	106	180	10A 15A	250Vac	●	●	●	●	●	●
8	BTT0**128	128	124±3	102	160	10A 15A	250Vac	●	●	●	●	●	●
9	BTT0**133	133	129+3-2	105	160	10A 15A	250Vac	●	●	●	●	●	●
10	BTT0**142	142	138±3	110	160	10A 15A	250Vac	●	●	●	●	●	●
11	BTT0**157	157	152±2	130	175	10A 15A	250Vac	●	●	●	●	●	●
12	BTT0**172	172	168±3	145	190	10A 15A	250Vac	●	●	●	●	●	●
13	BTT0**184	184	180±2	160	210	10A 15A	250Vac	●	●	●	●	●	●
14	BTT0**192	192	189±2	170	300	10A 15A	250Vac	●	●	●	●	●	●
15	BTT0**216	216	213±3	190	300	10A 15A	250Vac	●	●	●	●	●	●
16	BTT0**229	229	225±2	200	380	10A 15A	250Vac	○	○	○	○	○	○
17	BTT0**240	240	235±2	200	300	10A 15A	250Vac	●	●	●	●	●	●

- Note:** (1) ** Select 10 or 15 (A)
 (2) ●=Approved ○=Pending
 (3) Except CCC certification, in UL&VDE&TUV&PSE&KC certifications, for BTT0**077 Th is 50°C; for BTT0**113 Th is 85°C, Tm is 150°C; for BTT0**121 Th is 95°C, Tm is 160°C.
 (4) The 125VAC certification only for UL.

Ordering Information

Series	Functioning Temperature (Tf)	Supplementary Code	Qty
BTT			

