

NO.STT-15A Series

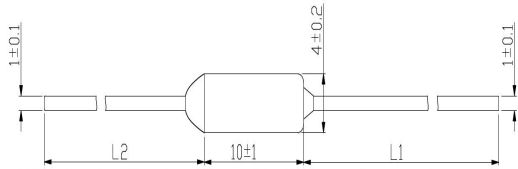
Features

With strong compact structures,high Insulation resistance and quickly heated advantages can be quickly action. When the products work under abnormal or can't be reset,can soon cut off the power.

Applications

Widely used in follow various field such as transformer, exhaust fan,fan and small power motor charger,adopter, secondary battery,household combined with gas water heater lightings and various heater equipment

Dimension (unit:mm)



L1=34mm±3mm, L2=20mm±3mm or 34mm±3mm. The length will be customized according to customer needs.

ST T 142C

Rated functioning temperature is 142°C
T:15A Thermal Fuse series
ST: Sante's Brand

Electrical characteristics at 25°C

No.	Part number	Tf (°C)	Operating temperature (°C)	Th (°C)	Tm (°C)	I _r (A)	I _p (A)	Voltage (V)	Approvals					
									UL	CCC	TUV	PSE	VDE	CB
1	STT073C	73	71±2	43	130	15A	150	250Vac	○	○	●	○	○	○
2	STT077C	77	74±2	47	130	15A	150	250Vac	○	○	●	○	○	○
3	STT113C	113	108±3	83	160	15A	150	250Vac	○	○	●	○	○	○
4	STT121C	121	117±3	91	160	15A	150	250Vac	○	○	●	○	○	○
5	STT133C	133	129±3	103	160	15A	150	250Vac	○	○	●	○	○	○
6	STT142C	142	138±3	112	170	15A	150	250Vac	○	○	●	○	○	○
7	STT157C	157	152±3	127	170	15A	150	250Vac	○	○	●	○	○	○
8	STT167CC	167	164±3	137	190	15A	150	250Vac	○	○	●	○	○	○
9	STT172C	172	169±3	142	190	15A	150	250Vac	○	○	●	○	○	○
10	STT184C	184	180±3	154	210	15A	150	250Vac	○	○	●	○	○	○
11	STT216C	216	213±3	186	260	15A	150	250Vac	○	○	●	○	○	○

●= Approved ○=Going on

Tf Functioning temperature,the standard tolerance:+0,-5°C

Th holding temperature:Maximum durative exposed exposed temperature.

Tm maximum temperature:The highest temperature at which the thermal link wont change the condition

Qty	Order-number	Series	Amp code	Voltage	Packaging
	STT-15A				

NO.STS-10A Series



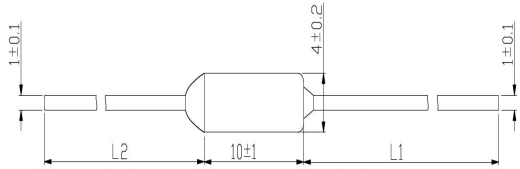
Features

With strong compact structures,high Insulation resistance and quickly heated advantages can be quickly action. When the products work under abnormal or can't be reset,can soon cut off the power.

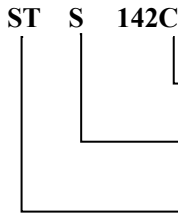
Applications

Widely used in follow various field such as transformer, exhaust fan,fan and small power motor charger,adopter, secondary battery,household combined with gas water heater lightings and various heater equipment

Dimension (unit:mm)



L1=34mm±3mm, L2=20mm±3mm or 34mm±3mm. The length will be customized according to customer needs.



Rated functioning temperature is 142°C

S:10A Thermal Fuse series

ST: Sante's Brand

Electrical characteristics at 25°C

No.	Part number	Tf	Operating temperature	Th	Tm	Ir	Ip	Voltage	Approvals					
		(°C)	(°C)	(°C)	(°C)	(A)	(A)	(V)	UL	CCC	TUV	PSE	VDE	CB
1	STS073C	73	71±2	43	130	10A	150	250Vac	○	○	●	○	○	○
2	STS077C	77	74±2	47	130	10A	150	250Vac	○	○	●	○	○	○
3	STS113C	113	108±3	83	160	10A	150	250Vac	○	○	●	○	○	○
4	STS121C	121	117±3	91	160	10A	150	250Vac	○	○	●	○	○	○
5	STS133C	133	129±3	103	160	10A	150	250Vac	○	○	●	○	○	○
6	STS142C	142	138±3	112	170	10A	150	250Vac	○	○	●	○	○	○
7	STS157C	157	152±3	127	170	10A	150	250Vac	○	○	●	○	○	○
8	STS167C	167	164±3	137	190	10A	150	250Vac	○	○	●	○	○	○
9	STS172C	172	169±3	142	190	10A	150	250Vac	○	○	●	○	○	○
10	STS184C	184	180±3	154	210	10A	150	250Vac	○	○	●	○	○	○
11	STS216C	216	213±3	186	260	10A	150	250Vac	○	○	●	○	○	○

●= Approved ○=Going on

Tf Functioning temperature,the standard tolerance:+0,-5°C

Th holding temperature:Maximum durative exposed exposed temperature.

Tm maximum temperature:The highest temperature at which the thermal link wont change the condition

Qty	Order-number	Series	Amp code	Voltage	Packaging
	STS-10A				

Contents

1. SCOPE.....	2
2. AGENCY APPROVALS.....	2
3. PART NUMBERING SYSTEM.....	2
4. MECHANICAL SPECIFICATIONS.....	3
5. OPERATING PRINCIPLE.....	3
6. ELECTRICAL SPECIFICATIONS.....	4
7. END.....	5

1. SCOPE

This Specification applies to STX series Thermal Fuses.

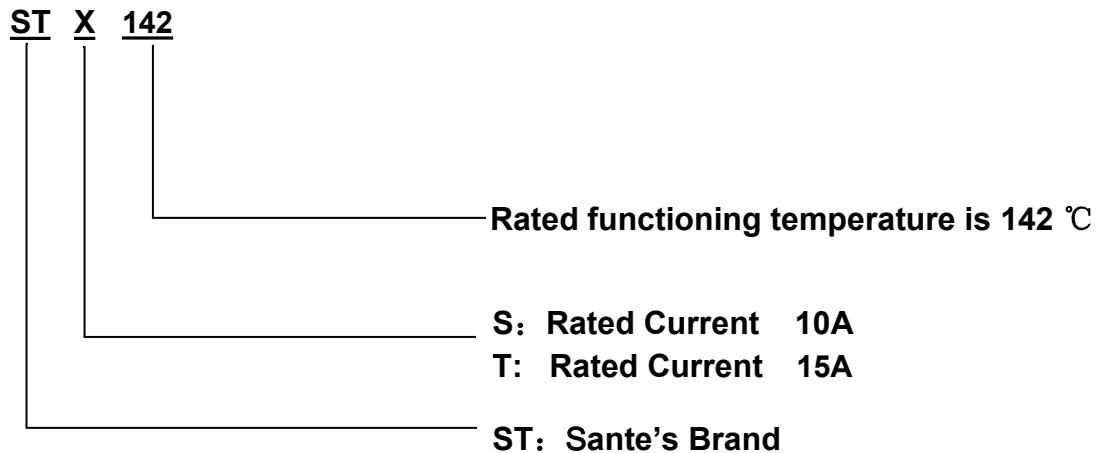
1.1 General Information

- Designed to EN 60691 (73°C – 216°C)
- RoHS compliant and HF

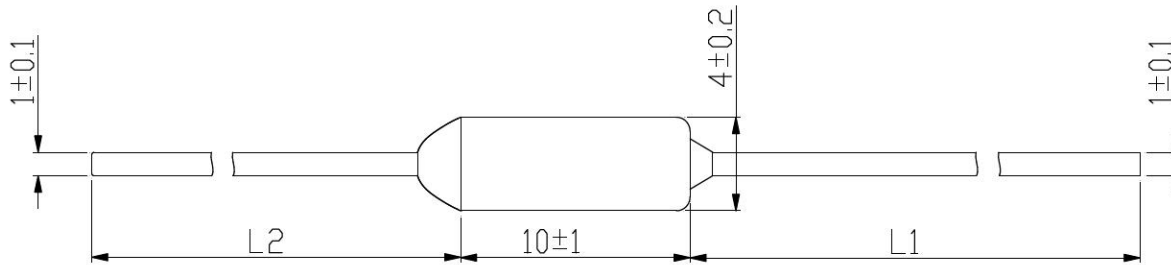
2. Agency Approvals

Agency	Agency File Number
TUV	R 50458082

3. Part Numbering System



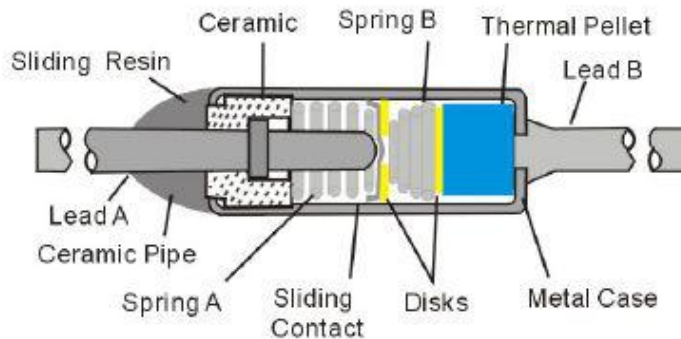
4. MECHANICAL SPECIFICATIONS



$L1=34\text{mm} \pm 3\text{mm}$, $L2=20\text{mm} \pm 3\text{mm}$ or $34\text{mm} \pm 3\text{mm}$. The length will be customized according to customer needs.

5. Operating Principle

Before Operation



Loaded the metal shell with movable electrode ,spring and heat-variable fusion cake for RY series thermal fuse. Spring B is encased into it on the state of compression, that's can make spring B use copper backing to stand up to movable electrode in order to contact with lead A. In the state of normal times, current will be connect with lead B through lead A, movable electrode and metal shell