

SW-1 Series

S.W.C Thermal Cutoff SW-1 Series Specification

Temperature rating

Cat NO.	Tf	Cutoff temperature	Th	Tm (VDE)	K-mark	UL	C-UL	VDE	TUV	CCC	PSE
SW-102T	72°C	70°C+2°C,-2°C	57°C	200°C	●	●	●	●	●	●	●
SW-105T	77°C	77°C+0°C,-4°C	62°C	200°C	●	●	●	●	●	●	●
SW-109T*	84°C	84°C+0°C,-5°C	69°C	180°C	●	●	●	●	●	●	●
SW-152T*	90°C	90°C+0°C,-4°C	75°C	180°C	●	●	●	●	□	●	●
SW-106T*	91°C	91°C+0°C,-4°C	76°C	180°C	●	●	●	●	□	●	●
SW-153T*	93°C	93°C+0°C,-5°C	78°C	180°C	●	●	●	●	□	●	●
SW-104T	98°C	98°C+2°C,-2°C	83°C	190°C	●	●	●	●	●	●	●
SW-108T*	100°C	100°C+0°C,-5°C	85°C	190°C	●	●	●	●	●	●	●
SW-155T	104°C	104°C+0°C,-5°C	89°C	190°C	●						
SW-110T*	109°C	109°C+0°C,-5°C	94°C	190°C	●	●	●	●	●	●	●
SW-136T	110°C	110°C+0°C,-5°C	95°C	119°C	●						
SW-119T	115°C	119°C+0°C,-5°C	104°C	190°C	●						
SW-111T*	121°C	121°C+0°C,-5°C	106°C	200°C	●	●	●	●	●	●	●
SW-115T	126°C	126°C+0°C,-4°C	111°C	200°C	●	●	●	●	●	●	●
SW-129T	128°C	128°C+0°C,-5°C	113°C	200°C	●	●	●	●	●	●	●
SW-114T*	139°C	139°C+0°C,-4°C	124°C	200°C	●	●	●	●	●	●	●
SW-130T	141°C	141°C+0°C,-4°C	126°C	200°C	●	□	□	□	□	□	□
SW-138T*	144°C	144°C+0°C,-5°C	127°C	260°C	●	●	●	●	●	●	●
SW-116T	152°C	152°C+0°C,-4°C	137°C	270°C	●	●	●	●	●	●	●
SW-120T	167°C	167°C+0°C,-4°C	152°C	280°C	●	●	●	●	●	●	●
SW-118T	169°C	169°C+0°C,-5°C	154°C	280°C	●						●
SW-127T	184°C	184°C+0°C,-6°C	169°C	220°C	●	●	●	●	●	●	●
SW-122T	192°C	192°C+3°C,-3°C	177°C	300°C	●						●
SW-125T	195°C	195°C+0°C,-6°C	180°C	300°C	●	●	●	●	●	●	●
SW-139T*	216°C	216°C+0°C,-6°C	200°C	370°C	●	●	●	●	●	●	●
SW-124T*	228°C	228°C+0°C,-6°C	200°C	370°C	●	●	●	●	●	●	●
SW-128T*	240°C	240°C+0°C,-6°C	200°C	370°C	●	●	●	●	●	●	●

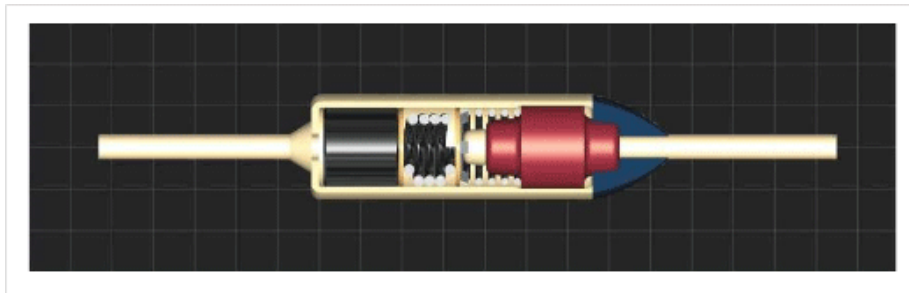
UL file NO : E126429 ● = Approved □ = Applied
 *Dual Rations(UL approved) - 250V 10A and 125V 15A

Electrical rating

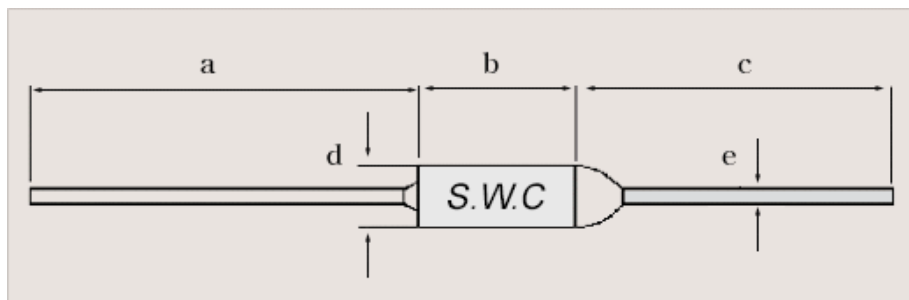
- Rated voltage : 250V, ac (and 125V)

- **Rated current** : 10A (and 15A)
- **Frequency** : 50 or 60Hz
- **Maximum allowable interrupting current** : 250V, ac 15A
- **Transient Overload Current** : dc current pulses, with an amplitude 150 A and a duration of 3 ms with 10 s intervals, are applied for 100 successive cycles through the current path.

○ Configuration



○ Appearance



dimension(mm)	a	b	c	d	e
long	35.0 ±3.0	10.5 ±0.5	35.0 ±3.0	4.0 ±0.05	1.0
medium	22.0 ±3.0	10.5 ±0.5	25.0 ±3.0	4.0 ±0.05	1.0
short	18.0 ±3.0	10.5 ±0.5	20.0 ±3.0	4.0 ±0.05	1.0
special	65.0 ±1.0	10.5 ±0.5	40.0 ±1.0	4.0 ±0.05	1.0

○ Marking

On the body of each thermal fuse, marks should be printed as follows :

- **Brand** : S.W.C.
- **Part number** : SW - 1XXT
- **Rating** : voltage(250 V), current(10 A), function temperature(°C)