



Thermal Cutoffs & Fuse

SENTRION
Corporation

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SENTRION - SW1 Series

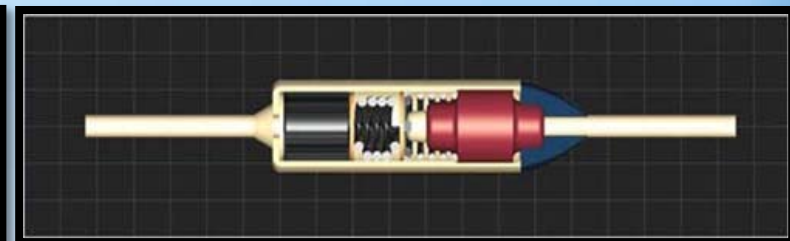
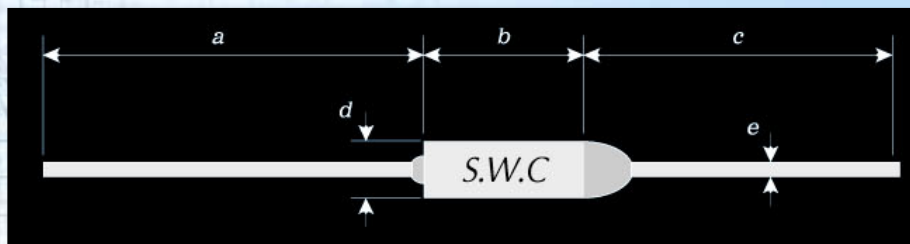
Electrical

RATED VOLTAGE : 250V, ac (and 125V)

RATED CURRENT : 10A (and 15A)

INTERRUPTING CURRENT : 250V, ac 15A

TRANSIENT OVERLOAD TEST 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.



dimension(mm)	a	b	c	d	e
long	35.0 ± 3.5	10.5 ± 0.5	35 ± 3.5	40 ± 0.2	1.0(18AWG)
medium	35.0 ± 3.5	10.5 ± 0.5	25 ± 3.5	40 ± 0.2	1.0(18AWG)
short	35.0 ± 3.5	10.5 ± 0.5	18 ± 2.5	40 ± 0.2	1.0(18AWG)



SENTRION - SW1 Series

Cat NO.	Tf	Cutoff temperature	Th	K.I.S	UL	C-UL	VDE	TUV	MITI
SW-102T	72°C	70°C +2°C -2°C	47°C	•	•	•	□	•	•
SW-105T	77°C	77°C +0°C -4°C	52°C	•	•	•	□	•	•
SW-109T*	84°C	84°C +0°C -4°C	57°C	•	•	•	□	•	•
SW-104T	98°C	96°C +2°C -2°C	73°C	•	•	•	□	•	•
SW-108T*	100°C	100°C +0°C -5°C	75°C	•	•	•	□	•	•
SW-110T*	109°C	109°C +0°C -5°C	84°C	•	•	•	□	•	•
SW-111T	119°C	119°C +0°C -4°C	94°C	•	□	□			•
SW-115T	126°C	126°C +0°C -4°C	100°C	•	•	•			•
SW-129T	128°C	128°C +0°C -5°C	103°C	•	•	•	□	•	•
SW-114T	139°C	139°C +0°C -5°C	114°C	•	•	•	□		•
SW-138T	144°C	141°C +0°C -5°C	119°C	•					•
SW-116T	152°C	152°C +0°C -4°C	127°C	•	•	•	□	•	•
SW-120T	167°C	167°C +0°C -4°C	144°C	•	•	•	□	•	•
SW-118T	169°C	169°C +0°C -5°C	144°C	•					•
SW-127T	184°C	184°C +0°C -6°C	159°C	•	•	•	□	•	•
SW-122T	192°C	188°C +3°C -3°C	162°C	•					•
SW-125T	195°C	195°C +0°C -6°C	165°C	•	•	•	□		•
SW-139T	216°C	216°C +0°C -6°C	178°C	•	□	□	□	•	•
SW-128T	240°C	240°C +0°C -6°C	193°C	•	□	□	□	•	•



SENTRION - SW2 Series

ELECTRICAL

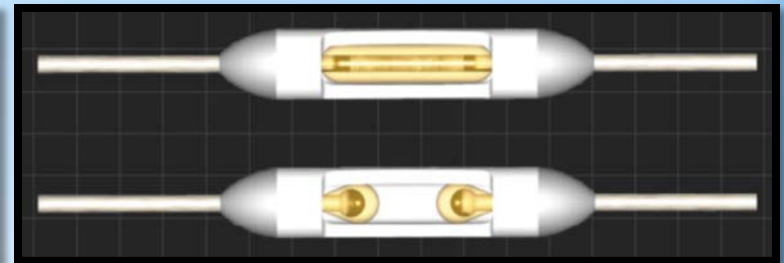
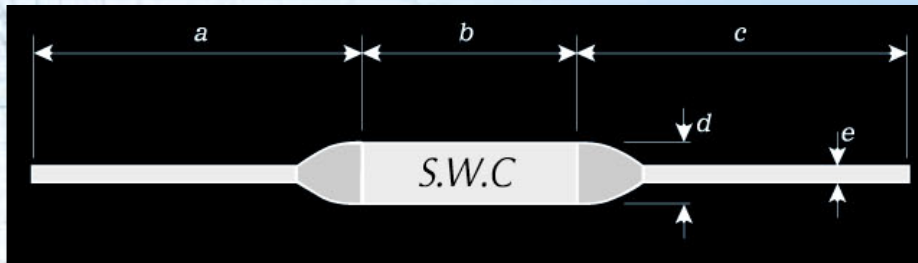
RATED VOLTAGE : 250V, ac

RATED CURRENT : 2A

INTERRUPTING CURRENT : 250V, ac 3A

TRANSIENT OVERLOAD TEST CURRENT :

dc current pulses, with an amplitude 30A and a duration of 3 ms with 10 s intervals, are applied for 100 successive cycles through the current path.



dimension(mm)	a	b	c	d	e
mm	67.0 ± 2.5	9.5 ± 0.5	67 ± 2.5	2.5 ± 0.2	0.6 ± 0.05



SENTRION - SW2 Series

Cat NO.	Tf	Tf tolerance	Th	K.I.S	UL	C-UL	VDE	TUV	MITI
SW- 211T	102°C	98°C +0°C -6°C	70°C	•	•	•	□	•	□
SW- 210T	115°C	110°C +3°C -2°C	85°C	•	•	•	□	•	□
SW- 215T	130°C	125°C +2°C -2°C	95°C	•	•	•	□	•	□
SW- 216T	133°C	129°C +2°C -2°C	100°C	•	•	•	□	•	□
SW- 217T	139°C	135°C +3°C -3°C	105°C	•	□	□	□	•	□
SW- 225T	150°C	145°C +3°C -2°C	120°C	•	□	□	□	•	□



SENTRION - SW3 Series

ELECTRICAL

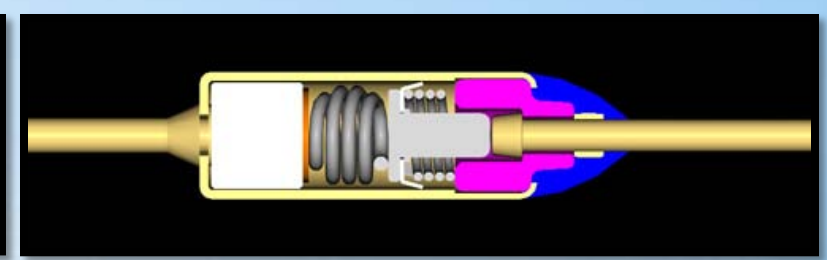
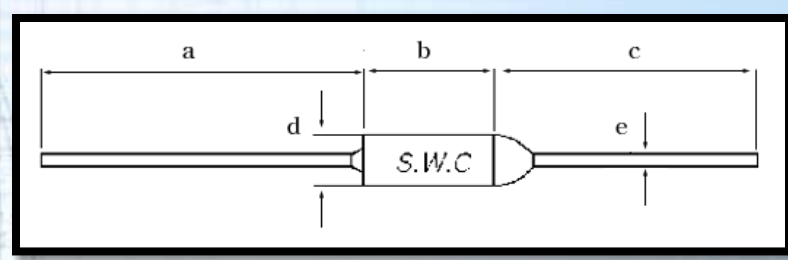
RATED VOLTAGE : 250V, ac

RATED CURRENT :15A

INTERRUPTING CURRENT : 250V, ac 22.5A

TRANSIENT OVERLOAD TEST CURRENT :

dc current pulses, with an amplitude 225 A and a duration of 3 ms with 10 s intervals, are applied for 100 successive cycles through the current path.



dimension(mm)	a	b	c	d	e
mm	35.0 ±3.5	10.5 ±0.5	35 ±3.5	4.0 ±0.2	1.2



SENTRION - SW3 Series

Cat NO.	Tf	Cutoff temperature	Th	UL	C-UL	VDE
SW-302T	72°C	70°C+2°C,-2°C	47°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-305T	77°C	77°C+0°C,-4°C	52°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-309T	84°C	84°C+0°C,-5°C	57°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-304T	98°C	96°C+2°C,-2°C	73°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-308T	100°C	100°C+0°C,-5°C	75°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-310T	109°C	109°C+0°C,-5°C	84°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-311T	121°C	121°C+0°C,-5°C	94°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-329T	128°C	128°C+0°C,-5°C	103°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-338T	144°C	144°C+0°C,-5°C	119°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-316T	152°C	152°C+0°C,-4°C	127°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-320T	167°C	167°C+0°C,-7°C	144°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-327T	184°C	184°C+0°C,-6°C	159°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-325T	195°C	195°C+0°C,-6°C	165°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-324T	228°C	228°C+0°C,-6°C	187°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-328T	240°C	240°C+0°C,-6°C	193°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



SENTRION - SW5 Series

ELECTRICAL

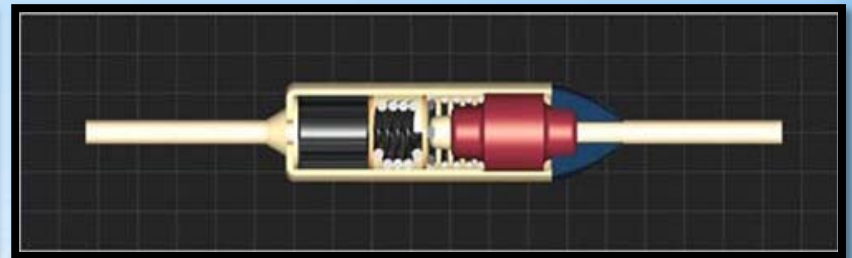
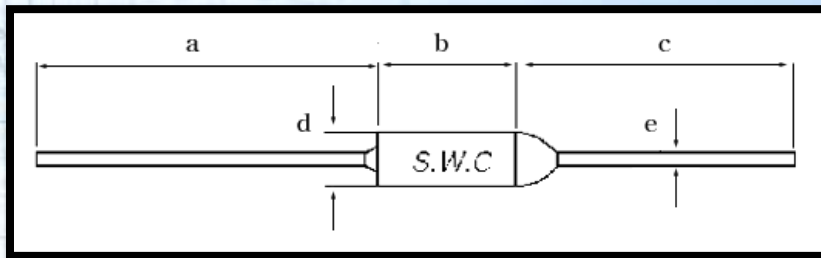
RATED VOLTAGE : 250V, ac (and 125V -*)

RATED CURRENT : 5A (and 6A -*)

INTERRUPTING CURRENT : 250V, ac 7.5A

TRANSIENT OVERLOAD TEST CURRENT :

dc current pulses, with an amplitude 75 A and a duration of 3 ms with 10 s intervals, are applied for 100 successive cycles through the current path.



dimension(mm)	a	b	c	d	e
mm	35.0 ±3.5	7.5 ±0.3	42±3.5	3.0 ±0.1	0.6±0.05



SENTRION - SW5 Series

Cat NO.	Tf	Cutoff temperature	Th	UL	C-UL	VDE
SW-502T	72°C	70°C+2°C,-2°C	47°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-505T	77°C	77°C+0°C,-4°C	52°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-509T	84°C	84°C+0°C,-5°C	57°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-504T	98°C	96°C+2°C,-2°C	73°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-508T	100°C	100°C+0°C,-5°C	75°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-510T	109°C	109°C+0°C,-5°C	84°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-511T	121°C	121°C+0°C,-4°C	94°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-529T	128°C	128°C+0°C,-5°C	103°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-538T	144°C	144°C+0°C,-5°C	119°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-516T	152°C	152°C+0°C,-4°C	127°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-520T	167°C	167°C+0°C,-4°C	144°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-527T	184°C	184°C+0°C,-6°C	159°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-525T	195°C	195°C+0°C,-6°C	165°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW-524T	228°C	228°C+0°C,-6°C	187°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



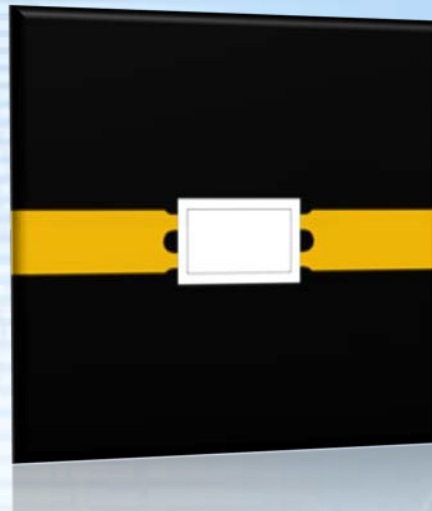
SENTRION - SW6 Series

ELECTRICAL

RATED VOLTAGE : 50V, dc

RATED CURRENT : 2A or 4A

INTERRUPTING CURRENT : 50V, dc 3A or 6A



Cat NO.	Tf	Cutoff temperature	Th	Ampere	Voltage	UL
SW-601T	92°C	89°C+2°C,-2°C	60°C	2A	50V	<input type="checkbox"/>
SW-602T	98°C	94°C+2°C,-2°C	60°C	2A	50V	<input type="checkbox"/>



SENTRION - Thermal Cutoff Assembly





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