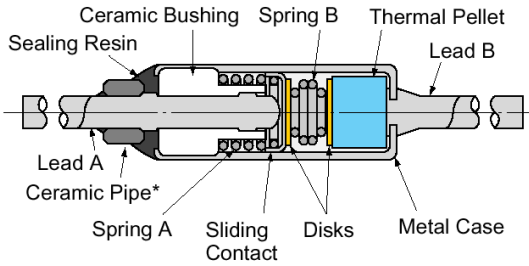
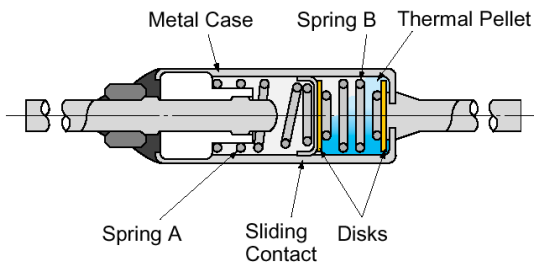


NEC Schott SEFUSE SF/SE series Thermal Fuses

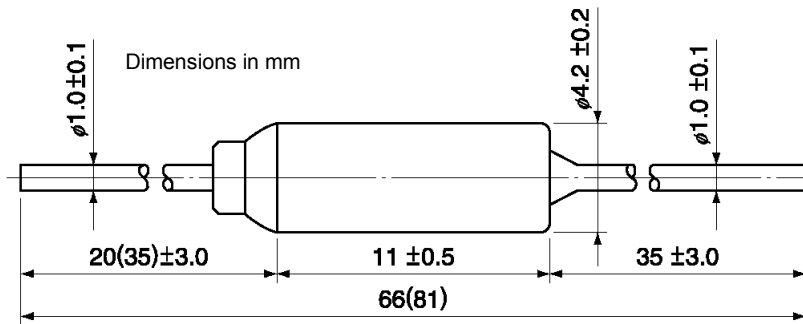
Our SF/E type thermal fuse uses an organic thermosensitive pellet inside a metal case. It features a large cutoff (rated) current of up to 15 A / 250v AC



The SF type contains a sliding contact, springs, and a thermal pellet inside a metal case. When spring B is compressed, firm contact between lead A and the sliding contact occurs. At normal temperatures, current flows from lead A to the sliding contact and then through the metal case to lead B



When the ambient temperature rises to the SEFUSE operating temperature, the heat transferred through the metal case melts the thermal pellet. When the thermal pellet melts, spring A and B expand, moving the sliding contact away from lead A. The electrical circuit is opened by breaking contact between the sliding contact and lead A.



Note: The dimensions for long lead devices are in parentheses.

■ Marking 1 (SF70E~SF129E)

SEFUSE	Brand Name
SF 70E	Part Number
73°C	Rated Functioning Temperature
10A	Rated Current
JET 250V~	Rated Voltage
0365	Lot Number

* Factory Code represents the factory location as shown below
Japan : none
Thailand : C

■ Marking 2 (SF139E~SF240E)

SEFUSE	Brand Name
SF188E-1	Part Number
192°C	Rated Functioning Temperature
10A	Rated Current
JET 250V~	Rated Voltage
0365	Lot Number

How to read a lot number

ex.) 03 6 5

- 03: Last two digit of year
- 6: Month
- 5: Sub-lot number

X.....October
Y.....November
Z.....December

Ratings

1) Meet for WEEE (RoHS)	2) Part Number	Rated Functioning Temperature Tf (°C)	Operating Temperature (°C)	Th Tc (°C)	Tm (°C)	Rated Current	Rated Voltage	UL		CSA		VDE		BEAB		CCC		PSE 7)			
								Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan	Made in Thailand	Made in Japan (JET1975- 32001-XXXX)	Made in Thailand (JET1974- 32001-XXXX)		
○	SF 70E	73	70 ± 2	58	150	15A / 10A (Resistive)	AC250V	E71747	5)	172780 (LR52330)	677802 -1171 -0002	C1060	*1	*2					1008	1003	
○	SF 76E	77	76 ± 2	62															1010	1002	
○	SF 91E	94	91 ± 2	79															1011	1001	
○	SF 96E	99	96 ± 2	84															1012	1004	
○	SF113E	113	110 ± 2	98															160	1013	1005
○	SF119E	121	119 ± 2	106															150	1014	1006
○	SF129E	133	129 ± 2	118															159	1015	1007
○	SF139E	142	139 ± 2	127															172	*3	1008
○	SF152E	157	152 ± 2	142															172	*4	1009
○	SF169E	172	169 ± 2	157															189		
○	SF184E	184	182 ± 2	174	210																
○	SF188E	192	188 ± 2	177	200	3)															
○	SF214E	216	214 ± 2	177																	
○	SF226E	227	226 ± 2	177																	
○	SF240E	240	237 ± 2	177																	

Note: 1) ○: No use the hazardous substances prescribed by WEEE(RoHS).

2) Part numbers are for standard lead devices. For long leads, add the number "-1" at the end of part number.

3) Tm of SF188E, SF214E, SF226E, SF240E are as follows.

*1: 2002010205023072 (10A)

2004010205121099 (15A)

*2: 2002010205023074 (10A)

2004010205120822 (15A)

*3: 33-549

*4: 33-354

Tm	UL	CSA	VDE	BEAB	CCC
SF188E	375°C	300°C	375°C	300°C	
SF214E		350°C		350°C	
SF226E	240°C	330°C	300°C		
SF240E	375°C	350°C	375°C	350°C	

4) The electrical ratings by safety standards are as follows.

Rated Voltage	UL	CSA	VDE	BEAB	CCC	PSE
AC120V	15A (Inductive) (Resistive) 20A (Resistive)					
AC240V	15A (Resistive)					
AC250V	10A (Resistive)	15A (Inductive) (Resistive)	10A	10A	10A	10A
	15A (Resistive)		15A	15A	15A	
	17A (Resistive)					
AC277V	15A (Resistive)					

5) SF169E, SF184E, SF188E, SF214E, SF226E and SF240E has a recognition of CH rating by UL.

6) The number in parentheses are previous number. Both number can be inquired.

7) The products indicated in *3 and *4 mention a certified number by the former law, the Electrical Appliance Material Control Law, as a transitional measure to the current law, the Electrical Appliance and Material Safety Law of Japan.