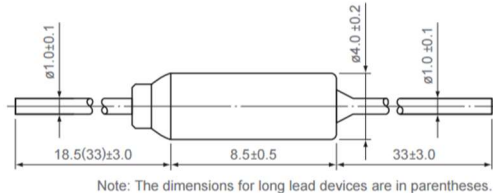


Standard Ratings

SF/R series

Dimension (Unit: mm)



Marking 1 (SF70R* – SF129R*)

Marking 2 (SF139R* – SF240R*)

* Factory Code represents the factory location as shown below
Thailand : C

How to read a lot number

ex.) 13 9 2

└─ Sub-lot number

└─ Month

X.....October

Y.....November

Z.....December

└─ Last two digit of year

Ratings

1) 2) Part Number *: 0/1 0: standard 1: long	Rated Functioning Temperature Tf (°C)	Operating Temperature (°C)	3) Th (°C)	Tm (°C)	Rated Current	Rated Voltage	UL/cUL	VDE	CCC	KTL	PSE 6)						
							Thailand	Thailand	Thailand	Thailand (SU05020-****)	Thailand (JET1974-32001-****) Rating 15A	Rating 10A					
SF70R*	73	70±2	58	165	15A/10A (Resistive)	AC250V	E71747	677802 -1171 -0015	20130102 05600209	5004	2001	1003					
SF76R*	77	76+0/-4	62								2002	1002					
SF81R*	84	81+3/-1	69								2003	1001					
SF90R*	94	90±2	79								2004	1004					
SF94R*	99	94±2	84								5006	2005	1005				
SF113R*	113	108±2	98									2006	1006				
SF119R*	121	119±2	106									2007	1007				
SF129R*	133	129±2	118									2008	1008				
SF139R*	142	139±2	127								175	4)	4)	5)	5007	2009	1009
SF144R*	144	142±2	129													2009	1009
SF150R*	152	150+1/-3	137	210	15A/10A (Resistive)	AC250V	E71747	677802 -1171 -0015	20130102 05600209	5008	2001	1003					
SF167R*	167	164±2	153	250							2002	1002					
SF184R*	184	182±2	174	375							2003	1001					
SF188R*	192	188+3/-1	177	380							2004	1004					
SF214R*	216	214+1/-3	200	380							2005	1005					
SF229R*	229	227±2									2006	1006					
SF240R*	240	237±2									2007	1007					

Note 1) No use of hazardous substances prescribed by WEEE and RoHS.

All products do not use SVHC prescribed by REACH (144 substances, 20 June 2013).

2) For standard lead length type, add the suffix "0" at the end of the part number.
For long lead length type, add the suffix "1" at the end of the part number.

3) Th is the maximum temperature measured on the thermal cutoff when it continues to conduct a rated current without changing its state of conductivity for 168 hours.

4) The electrical ratings according to the various safety standards are shown in the following table.

Rated Voltage	UL/cUL	VDE	CCC	KTL	PSE 6)
AC120V	20A (Resistive)	—	—	—	—
	10A (Resistive)	10A	10A	10A	10A
	15A (Resistive)	15A	15A	15A	15A
AC250V	16A (Resistive)	—	—	—	—

5) The following SF-types have passed the Conductive Heat Aging Test (CHAT) specified by the UL safety standard: SF184R*, SF188*, SF214*, SF229R*, and SF240R*.