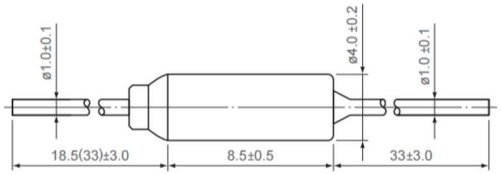
Standard Ratings

SF/R series

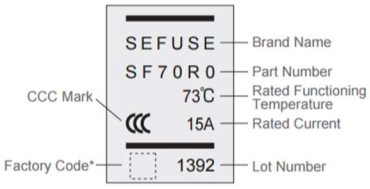
Dimension (Unit: mm)



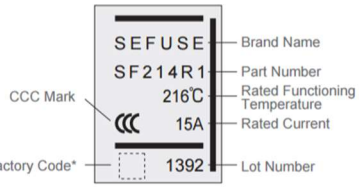
Note: The dimensions for long lead devices are in parentheses.



Marking 1 (SF70R* – SF129R*)

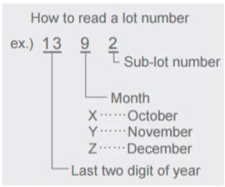


Marking 2 (SF139R* – SF240R*)



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

How to read a lot number



Ratings

1) 2) Part Number *: 0/1 0: standard 1: long	Rated Functioning Temperature Tf (℃)	Operating Temperature (℃)	3) Th (℃)	Tm (℃)	Rated Current	Rated Voltage	UL/cUL Thailand	VDE Thailand	CCC Thailand	KTL Thailand (SU05020-****)	6) PSE Thailand (JET1974-32001-****) Rating 15A	Rating 10A
SF70R*	73	70±2	58	165	4) 15A/10A (Resistive)	4) AC250V	E71747	677802-1171 -0015	20130102 05600209	5004	2001	1003
SF76R*	77	76+0/−4	62									
SF81R*	84	81+3/−1	69								2002	1002
SF90R*	94	90±2	79									
SF94R*	99	94±2	84									
SF113R*	113	108±2	98							5005	2003	1001
SF119R*	121	119±2	106							5006	2004	1004
SF129R*	133	129±2	118	175								
SF139R*	142	139±2	127								2005	1005
SF144R*	144	142±2	129	210								
SF150R*	152	150+1/−3	137									
SF167R*	167	164±2	153	250			5)			5007	2006	1006
SF184R*	184	182±2	174								2007	1007
SF188R*	192	188+3/−1	177	375								
SF214R*	216	214+1/−3	200							5008	2008	1008
SF229R*	229	227±2		380							2009	1009
SF240R*	240	237±2										

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)	–	–	–	–
AC250V	10A (Resistive)	10A	10A	10A	10A
	15A (Resistive)	15A	15A	15A	15A
	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*.