



Model No.	A	B	C	D	E	Structure
RF60-005F	3.8±3	4.5±3	5.0±2	10.0±5	3.0±1	F1F2
RF60-010F	4±3	5.2±3	5.0±2	10.0±5	3.0±1	F1F2
RF60-017F	4.6±3	6.6±3	5.0±2	10.0±5	3.0±1	F1F2
RF72-020F	4.6±3	6.6±3	5.0±2	10.0±5	3.0±1	F1F2
RF72-025F	4.6±3	6.6±3	5.0±2	10.0±5	3.0±1	F1F2
RF72-030F	5±3	7±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-040F	6.2±3	8.2±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-050F	6.2±3	8.2±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-065F	7.8±3	9.8±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-075F	8.5±3	10.8±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-090F	9.5±3	11.5±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-110F	11±3	13±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-135F	12.5±3	14.5±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-160F	14±3	16±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-185F	16±3	18±5	5.0±2	10.0±5	3.0±1	F1F2
RF72-250F	18.5±3	20.5±5	10.0±2	10.0±5	3.0±1	F1F2
RF72-300F	22±3	26±5	10.0±2	10.0±5	3.0±1	F1F2
RF72-375F	24±3	26±5	10.0±2	10.0±5	3.0±1	F1F2

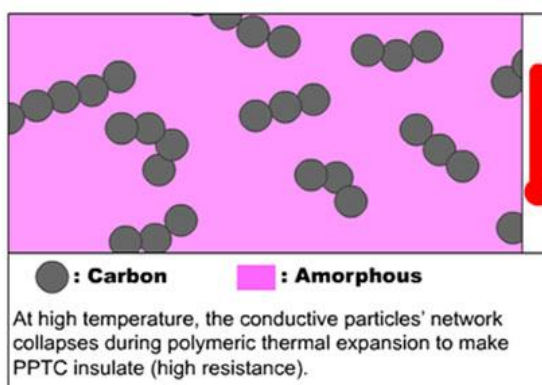
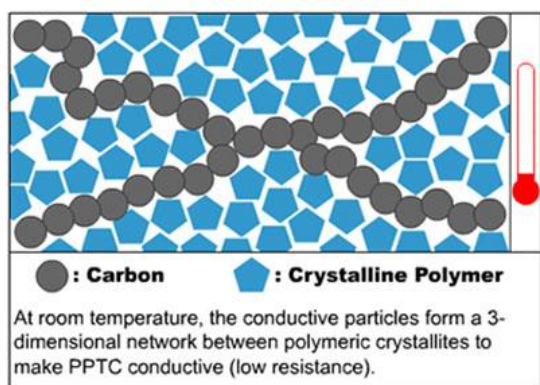
Model No.	Ih	It	Vmax	Imax	Pd	Maximum Time to Trip		Resistance	
	A	A	V	A	W	A	S	Rmin (Ω)	Rmax (Ω)
RF60-005F	0.05	0.11	60	40	0.26	0.25	5	7.3	20
RF60-010F	0.1	0.2	60	40	0.38	0.5	4	2.5	7.5
RF60-017F	0.17	0.34	60	40	0.48	0.85	3	3.3	8
RF72-020F	0.2	0.4	72	40	0.41	1	2.2	1.83	4.4
RF72-025F	0.25	0.5	72	40	0.45	1.25	2.5	1.25	3
RF72-030F	0.3	0.6	72	40	0.49	1.5	3	0.88	2.3

RF72-040F	0.4	0.8	72	40	0.56	2	3.8	0.55	1.29
RF72-050F	0.5	1	72	40	0.77	2.5	4	0.5	1.17
RF72-065F	0.65	1.3	72	40	0.88	3.25	5.3	0.31	0.72
RF72-075F	0.75	1.5	72	40	0.92	3.75	6.3	0.25	0.6
RF72-090F	0.9	1.8	72	40	0.99	4.5	7.2	0.2	0.47
RF72-110F	1.1	2.2	72	40	1.5	5.5	8.2	0.15	0.38
RF72-135F	1.35	2.7	72	40	1.7	6.75	9.6	0.12	0.3
RF72-160F	1.6	3.2	72	40	1.9	8	11.4	0.09	0.22
RF72-185F	1.85	3.7	72	40	2.1	9.25	12.6	0.08	0.19
RF72-250F	2.5	5	72	40	2.5	12.5	15.6	0.05	0.13
RF72-300F	3	6	72	40	3.2	15	19.8	0.04	1
RF72-375F	3.75	7.5	72	40	3.2	18.75	24	0.03	0.08

UL/CUL	TUV		
E487711	RF16	RF30	RF60/RF72
	50058956	16084207	16084208

Product Description:

- AUPO PPTC product is a polymer thermistor made of polymer material filled with carbon black particles. If the current passing through the thermistor is too high, its heating power is greater than the heat dissipation power, and the temperature of the thermistor will start to rise. At the same time, the polymer matrix in the thermistor begins to expand, which will separate the carbon black particles and cause the rise of resistance, thus effectively reducing the current in the circuit, at which time the thermistor remains in a high resistance state. When the fault is corrected, the PPTC thermistor quickly cools and returns to its original low resistance state.



Advantages:

- 1. Selection of carbon black raw materials imported from Japan, stable and reliable product performance.
- 2. Special twin-screw refining technology, production formula using loss of weight operation, and the actual accuracy can be controlled within 5 %.

Application Field:

- PPTC products can be used in PCB control boards, security equipment, transformers, as recoverable current protection products.

Product Certification:

- RF series polymer thermistor has passed UL 62319-1, UL 62319-1-1, EN 62319-1, EN 62319-1-1 and other safety tests, and has obtained UL, TUV and other safety certificates.