

RYD THERMAL CUTOFF



FEATURES

Fusible heat cutoff is small and strong heat protector that can detect if the temperature is abnormal and cut the circuit. It can be used to detect abnormal temperature rising of electrical appliances for home and industrial use and circuit can be cut rapidly so as to prevent fire disaster.

Fusible heat cutoff has two types. One is RYD model which use heat sensitive grain materials (organic chemical) as heat sensitive material and the other is RHD model which has low melting alloy. Rated operating temperature is 96°C~240°C and they can be used for all kinds of products with rated current of 0.5A~15A.

APPLICATION

- Electric Blower
- Electric Furnace
- Microwave Oven
- Refrigerator
- Rice Cooker
- Coffee Machine
- Sandwich Furnace
- Electromotor

STRUCTURE&OPERATING THEORY

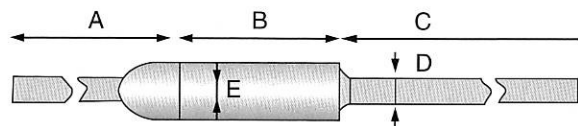


RYD fusible thermal cutoff structure and operating theory. RYD fusible thermal cutoff is to put heat sensitive grain material (organic chemicals) into metal cover for over-heat shut off. The main feature is that it can cut 10A or 15A high current (rated current).

CERTIFICATIONS& RATINGS

UL	120V	15A
TUV	250V	10A/15A
PSE	250V	10/15A
EK	250V	10A
CCC	250V	10/15A

DIMENSIONAL DRAWING



Specification and standard(mm)				
A	B	C	D	E
25±1	11.5±1	35±1	∅1±0.05	∅4.0±0.1

CODE SYSTEM

- RYD xxx Device Number
- 250V10A Rated Voltage、Rated Current
- □TF Approved Mark for Electrical Appliance
- XXX°C Rated Operating Temperature

Rated Table

Model Rated	TFc	THc	TMc	Safety Certification					
				UL	TUV	PSE	EK	CCC	SUG
RYD73	73	53	150	/	/	O	/	/	O
RYD77	77	57	150	O	O	O	O	O	O
RYD84	84	64	150	O	O	O	O	O	O
RYD98	98	78	150	/	/	O	/	/	O
RYD99	99	79	150	O	O	O	O	O	O
RYD104	104	84	150	O	O	O	O	O	O
RYD105	105	85	150	/	/	O	/	/	O
RYD110	110	90	150	O	O	O	O	O	O
RYD115	115	95	150	/	/	O	/	/	O
RYD117	117	95	150	O	O	O	O	O	O
RYD121	121	101	159	O	O	O	O	O	O
RYD125	125	105	179	/	/	O	/	/	O
RYD128	128	108	179	O	O	O	O	O	O
RYD133	133	113	189	O	O	O	O	O	O
RYD139	139	119	189	/	/	O	/	/	O
RYD142	142	122	189	O	O	O	O	O	O
RYD144	144	124	189	/	/	O	/	/	O
RYD152	152	132	205	/	/	O	/	/	O
RYD157	157	132	205	O	O	O	O	O	O
RYD165	165	145	205	O	O	O	O	O	O
RYD169	169	149	205	/	/	O	/	/	O
RYD172	172	149	240	O	O	O	O	O	O
RYD184	184	164	240	O	O	O	O	O	O
RYD192	192	172	240	O	O	O	O	O	O
RYD200	200	180	240	/	/	O	/	/	O
RYD216	216	196	310	O	O	O	O	O	O
RYD227	227	207	370	O	O	O	O	O	O
RYD228	228	207	370	/	/	O	/	/	O
RYD229	229	207	370	/	/	O	/	/	O
RYD240	240	220	450	O	O	O	O	O	O

Maximum of TM planted temperature: the fuse will not change its state, until reaches rated temperature
 Holding temperature of TH: it keeps working normally within this scope (the temperature should not be too close to the rated temperature during the installation of fuse, otherwise, misoperation may occur).
 Rated action temperature of TF: the tolerance of cut-off temperature are +0 – 5°C.
 Note: if need for safety regulations report, please select models With “O”