

RYD THERMAL CUTOFF / RYD 温度保险丝



FEATURES 特点

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.

熔断式热保护器具有检测出温度异常并切断电路之功能的小型、结实的熔断式热保护器。它可检测家用或工业用电气产品的温度异常升高，并迅速及时的切断电路、可达到防止火灾于未然的作用。

熔断式热保护器使用热敏颗粒(有机化学物质)为感热材料的RYD型和低熔点合金的RHD型两种。额定动作温度范围96°C~240°C，有额定电流为0.5A~15A的各规格产品。

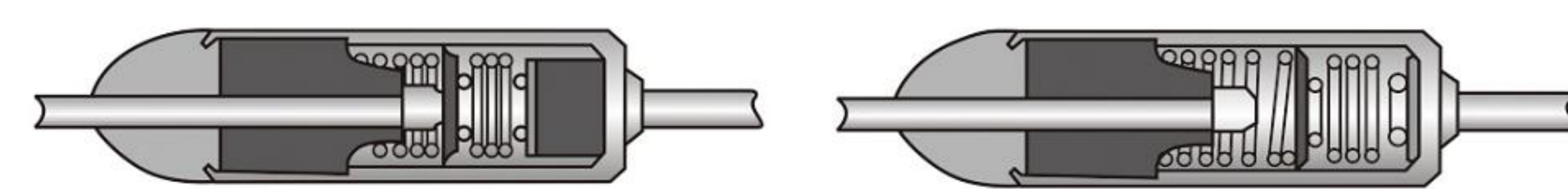
APPLICATION 应用范围

- Electric Blower ● 电热吹风
- Electric Furnace ● 电热炉
- Microwave Oven ● 微波炉
- Refrigerator ● 冰箱
- Rice Cooker ● 电饭煲
- Coffee Machine ● 咖啡壶
- Sandwich Furnace ● 三明治炉
- Electromotor ● 电动机

CERTIFICATIONS& RATINGS 认证&额定值

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

STRUCTURE&OPERATING THEORY 构造与工作原理



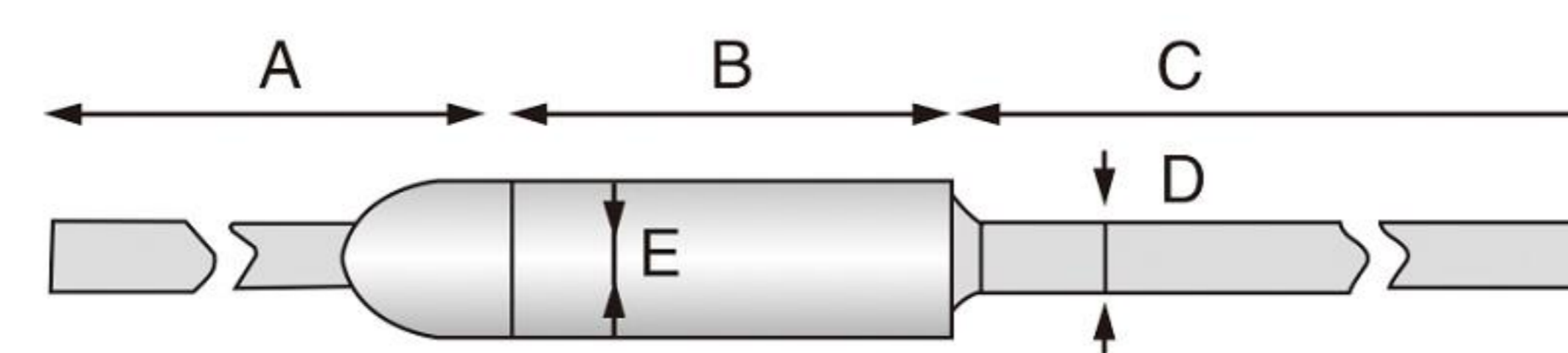
关闭

打开

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).

RYD熔断式热保护器是将热敏颗粒(在机化学物质)材料装入金属外壳中进行过热切断的。其特点是可切断10A或15A的大电流(额定电流)。

DIMENSIONAL DRAWING 尺寸图



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 产品编码代码图

- RYD xxx Device Number 产品型号
- 250V10A Rated Voltage、Rated Current 额定电压、额定电流
- □TF Approved Mark for Electrical Appliance 电气用品认可标记
- XXX°C Rated Operating Temperature 额定动作温度

Rated Table 额定表

型号 Model Rated	TFc	THc	TMc	Safety Certification 通过以下安规认证					
				UL 美国	TUV 德国	PSE 日本	EK 韩国	CCC 中国	SUG 环保
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"

Tm最大过载温度：保险丝不会改变状态直到达到这一温度

Th保持温度：在这范围内正常工作(在你设计安装保险丝过程中请考虑不能太接近额定动作温度，不然有可能发生误动作)。

TF额定动作温度：可运行的断开温度误差为+0-5度

注意：需要安规报备请选择带O的型号。