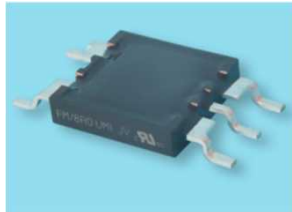


# Model No. FM

Fuse with Resistor Compliant with RoHS2

Concept  
Model



- It realizes a 110V DC rating.
- It can be cut off a circuit by energization to the heater resistor when the abnormal status like over-charging. .
- It is also possible to protect a circuit against over current and overheat.
- Eco-Friendly products being in compliance with RoHS2.

It does not contain the regulated 10 substances including lead(Pb), cadmium(Cd).

- It is Halogen free product.

※ Neither bromine(Br) nor chlorine(Cl) is intentionally added, and each substance is not contained in excess of 900ppm at maximum.

Moreover, total amount of those substances(Br and Cl) are contained less than 1500ppm.

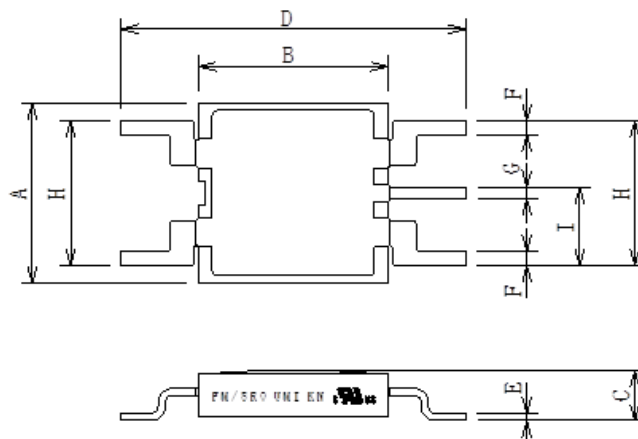
## Rating

Type No.		FM/2R0	FM/8R0	FM/400
Fuse part	Rated current (※1)	50A		
	Rated voltage	DC 110V		
	Interrupting rating	100A		
	Nominal resistance value (Fuse part)	1.2mΩ		
	Operating temperature range	-40~100°C		
	Functioning temperature	131 ± 4°C		
Heater part	Resistance (Heater part)	2Ω±25%	8Ω±25%	40Ω±25%
	Interrupting range by heater	Power	15~250W	

※1 Please use FV at body surface temperature of 100°C or less.

- Functioning temperature is measured with silicone oil bath of which temperature is increased at the rate of 1°C/min. Detecting current is 0.1A or less.

## Dimensions



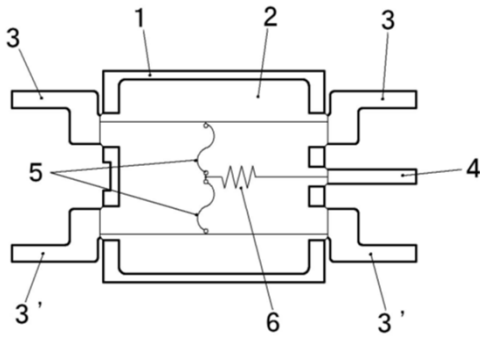
Dimensions (mm)								
A	B	C	D	E	F	G	H	I
15.0±0.5	15.7±0.5	MAX 6.0	28.7±0.5	0.6±0.1	1.2±0.1	1.0±0.1	12.1±0.5	6.55±0.5

## ■ Safety standard information

取得安全規格 Safety standard approval					
PSE	UL	C-UL	VDE	CCC	KC
-	●	●	-	-	-

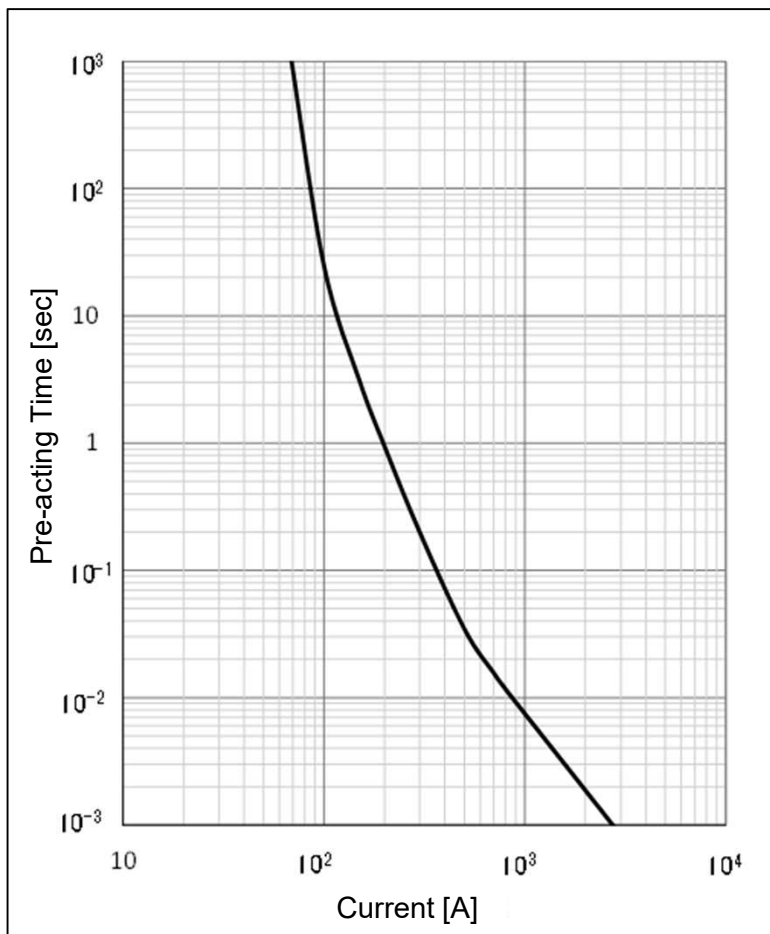
・ Safety standard UL File No : E98988 ( UL : UL248-14 C-UL : CSA C22.2. №248.14 )

## ■ Constructs



No.	Part name
1	Container
2	Sealant
3	Power line terminal
4	Signal line terminal
5	Fusible element
6	Resistor

## ■ I-T characteristics 25±5°C (reference)



Remark ・ Please note that above mentioned specification are based on prototype and are subject to change without any notice.

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