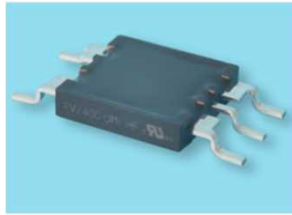


# Model No. FV

Fuse with Resistor Compliant with RoHS2



- 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 is Halogen free product.

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

※ 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.

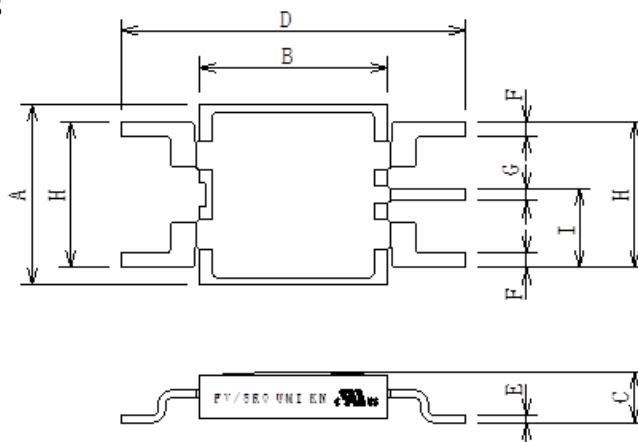
## ■ Rating

Type No.		FV/2R0	FV/8R0	FV/400
Fuse part	Rated current (※1)	50A		
	Rated voltage	DC 72V		
	Interrupting rating	100A		
	Nominal resistance value (Fuse part)	1.2mΩ		
	Operating temperature range	-40~100°C		
	Functioning temperature	132 ± 3°C		
Heater part	Resistance (Heater part)	2Ω±25%	8Ω±25%	40Ω±25%
	Interrupting range by heater	Power	8~250W	
		Voltage	4.5~19.3V	9~38.7V
Number of cells in series in battery pack		3 cells	4~6 cells	7~15 cells

※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



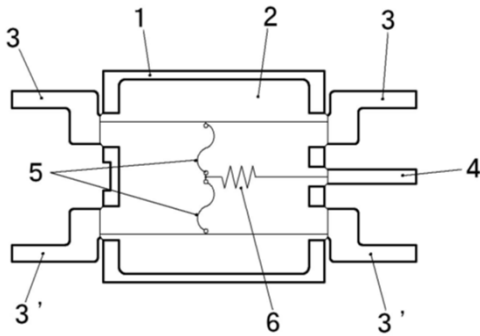
Dimensions (mm)								
A	B	C	D	E	F	G	H	I
15.0±0.5	15.7±0.5	MAX 5.0	28.7±0.5	0.6±0.1	1.2±0.1	1.0±0.1	12.1±0.5	6.55±0.5

## ■ Safety standard information

Safety standard approval					
PSE	UL	C-UL	VDE	CCC	KC
-	●	●	-	-	-

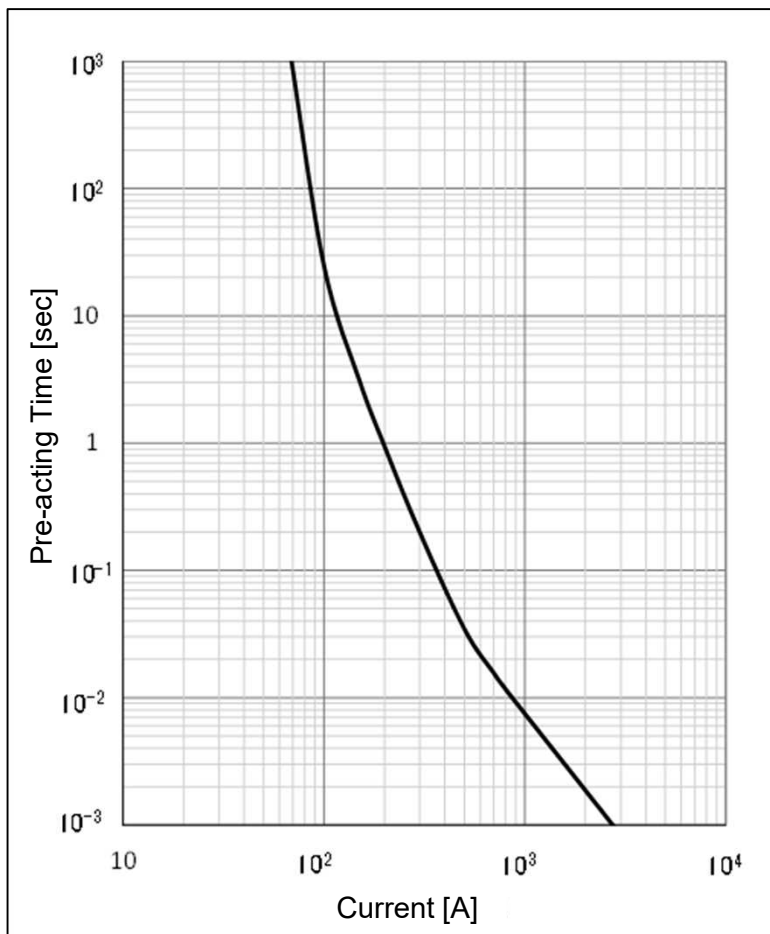
• Safety standard UL File No : E98988 ( UL : UL248-14 C-UL : CSA C22.2. №248.14 )

## ■ 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)



## Uchihashi Estec Co.,Ltd.

● Head Office  
9-14, Imazu-Kita2-chome, Tsurumi-ku,  
Osaka538-0041, Japan  
TEL+81-6-6962-6666 FAX+81-6-6962-6668

● Tokyo Office  
Room407,12-1,Minami-Ikebukuro2-chome,Toshima-ku,  
Tokyo171-0022, Japan  
TEL+81-3-3989-1481 FAX+81-3-3989-1487

<http://www.uchihashi.co.jp>

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