

- Ultimate energy saving protector
- Normally open type  
(contacts close when temperature rises)
- Long-term stability and reliability  
in contact resistance



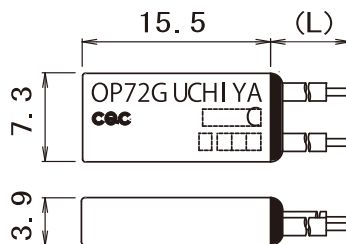
**Best solution for energy saving electronic circuit**  
(No current flow under normal condition  
/ also applicable to milli-ampere circuit)

- Under normal condition: Contacts are normally open, so **no current flow to circuit**
- Under abnormal condition: Contacts close instantly as the bimetal chip senses abnormal heating-up and **minimum signal current(DC1.5V 1mA)** flow to circuit

**Specification**

- Operating Temp : 55°C ~ 150°C  
(5°C step)
- Tolerance : ±5°C, ±7°C, ±10°C
- Differential : 30 ± 15K(Standard)
- Breaking capacity  
1A 125V AC 6000 cycle(resistive)  
0.5A 250V AC 10000 cycle(resistive)

**Dimensions**



**Applications**

Overheat protector for electronic circuit

- Switching Power Supply
- UPS
- Inverter Ballast
- Motor Control Inverter
- Other electronic devices

**Safety Approval**

※Contact us approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	Max Temp.	File No.
<b>OP71G</b> <b>OP72G</b>	CQC	GB14536.10	Thermostat (Non-fused bimetal type) (Normally Open)	1A/125V, 0.5A/250V AC	140°C	CQC04002009090 CQC03002008320

**ECO-THERMOSTATS Line up**

	for Milli-ampere current	No current flow normally
<b>OP7#G</b>	○	○
<b>OP7</b>	—	○
<b>UP7#G</b>	○	—

**Variation**

	Lead
	None
1	Uninsulated Solid
2	insulated wire

**Mounting method**

In case of sensing heat directly from the heat source, place the thermal protector to touch it' s opposite surface of "UCHIYA" printed surface to the heat source.

\*In case of sensing convection heat or heat emission, please contact Uchiya.  
The condition of sensing heat differ case by case.

