UCHIYA

OP7#G
thermal protector

- 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

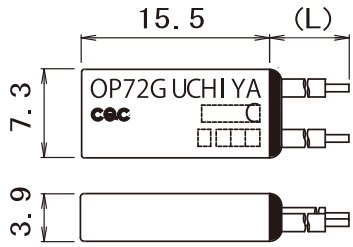
(No current flow under normal condition
/ also applicable to milli-ampere circuit)

- 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℃～150℃ (5℃ step)
- Tolerance: ±5℃、±7℃、±10℃
- 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.
OP71G OP72G	CQC	GB14536.10	Thermostat (Non-fused bimetal type) (Normally Open)	1A/125V, 0.5A/250V AC	140℃	CQC04002009090 CQC03002008320

ECO-THERMOSTATS Line up

	for Milli-ampere current	No current flow normally
OP7#G	○	○
OP7	—	○
UP7#G	○	—

Variation

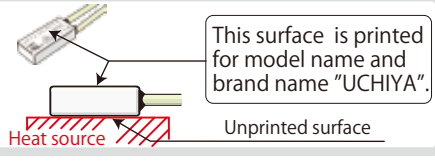
OP7□G

	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.



EU RoHS Compliant