

- Ultimate energy saving protector
- Same as Model OP6 except cross-bar contacts of PGS material (Platinum, Gold and Silver Alloy)
- 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)

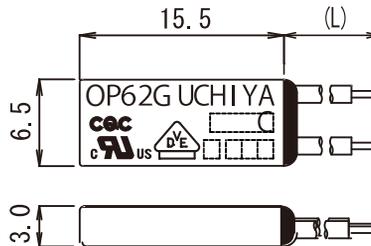


- Under normal condition: Contacts are normally open, so **no current flow to circuit**
- Under abnormal condition: Contacts close instantly as the bimetal chip senses abnormal heating-up and **minimum signal current(DC1.5V 1mA) flow to circuit**

Specifications

- Operating Temp: 55°C~140°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 for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	Max Temp	File No.
OP61G	UL	UL873	Regulating	1A /125V AC (resistive) 6000 cycles	140°C	E50124
	c-UL	CSA C22.2 No.24	Appliance Control	1A /125V AC (resistive) 6000 cycles	140°C	E50124
	EN (VDE)	EN 60730-2-9	Thermal Cut-out	0.5A 250V AC (resistive) 10000 cycles	150°C	892100-4510-0027
OP62G	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
OP6#G	○	○
OP6	—	○
UP6#G	○	—

Variation

	Lead
OP6#G	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.

