

- 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

OP6#G thermal protector



Best solution for energy saving electronic circuit

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

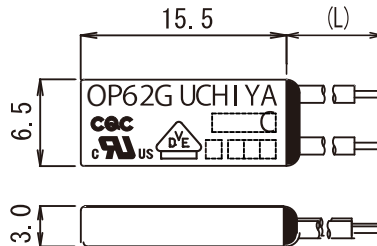
- Under normal condition: Contacts are normally open, so **no current flow to circuit**
- Under abnormal condition: Contacts close instantly as the bimetal chip senses abnormal heating-up and **minimum signal current(DC1.5V 1mA)** flow to circuit



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
OP62G	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out	0.5A 250V AC (resistive) 10000 cycles	150°C	40023061
	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

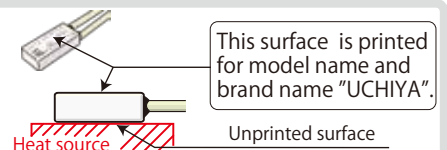
OP6#G

	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 its 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

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