

- The **smallest** UL recognized normally open type thermal protector sealed in PBT enclosure
- Normally open type
(Contacts close when temperature rises)

OP6 thermal protector



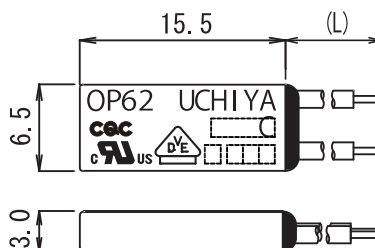
Best solution for energy saving electronic circuit (No current flow under normal condition)

- 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 signal current flow to circuit

Specifications

- Operating Temp 55°C~140°C
(5°C step)
- Tolerance $\pm 5^\circ\text{C}$, $\pm 7^\circ\text{C}$, $\pm 10^\circ\text{C}$
- Differential $30 \pm 15\text{K}$ (Standard)
- Breaking capacity
4A 125V AC 6000 cycle(resistive)
2.5A 250V AC 10000 cycle(resistive)

Dimensions



Applications

- Overheat Protector**
 - Switching Power Supply
 - UPS
 - Solenoid
 - Other Electronic Devices
- Delay Timer**
 - Ventilating Fan

Safety Approval

※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	Max Temp	File No.
OP6 OP61 OP62	UL	UL873	Regulating	4A / 125V AC (resistive) 6000 cycles	140°C	E50124
	c-UL	CSA C22.2 No.24	Appliance Control	4A / 125V AC (resistive) 6000 cycles	140°C	E50124
	EN (VDE)	EN 60730-2-2	Thermal Motor Protector	250V AC	150°C	892100-4510-0026
	EN (VDE)	EN 60730-2-9	Thermal Cut-out	2.5A(1.6A)/250V AC resistive (inductive) 10000 cycles	150°C	892100-4510-0027
	EN (VDE)	EN 60730-2-9	Thermal Cut-out	0.5A / 250V AC (resistive) 10000 cycles	150°C	892100-4510-0027
	CQC	GB14536.10	Thermostat (Non-fused bimetal type) (Normally Open)	4A/125V, 2.5A/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		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.

