

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



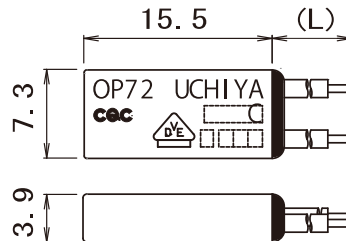
**Best solution for energy saving electronic circuit**  
(No current flow under normal condition)

- 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

**Specification**

- Operating Temp: 55°C~150°C (5°C step)
- Tolerance: ±5°C, ±7°C, ±10°C
- Differential: 30±15K(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.
<b>OP71</b> <b>OP72</b>	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) 100000 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
<b>OP7#G</b>	○	○
<b>OP7</b>	—	○
<b>UP7#G</b>	○	—

**Variation**

		Lead
<b>OP7</b>		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.

