

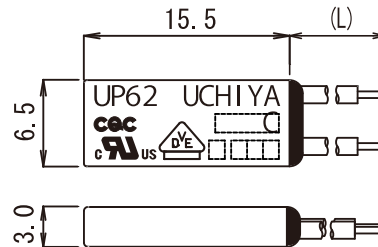
- The **smallest** UL recognized Thermal Protector Sealed in PBT enclosure
- More than **10 million** units shipped per annum (2009)
- More than **30 years** of long-seller
- Japan/Hong Kong/Europe, **three global production sites**



## Specifications

- Operating Temp 55°C~140°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
- Small motor
- Transformer
- Solenoid
- Lighting Fixtures
- Projector
- Other Electronic Hardware

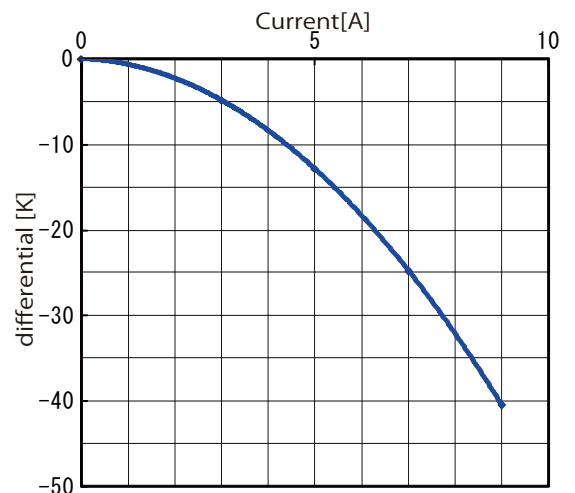
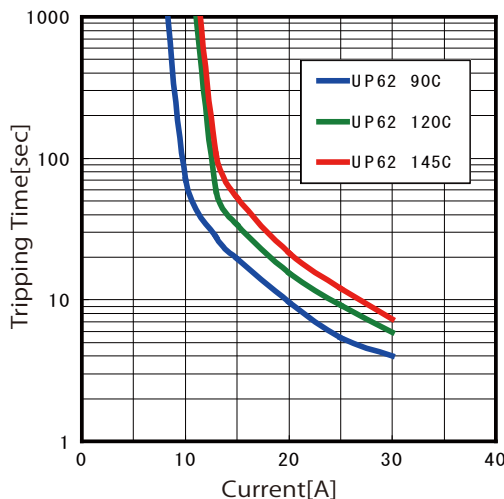
## Safety Approval

※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings			Max Temp	File No.
				Current	Voltage	Cycles		
UP6 UP61 UP62	UL	UL873	Regulating	4A	/125V AC (resistive)	6000 cycles	140°C	E50124
	UL	UL873	Regulating	2.5A	/250V 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
	c-UL	CSA C22.2 No.24	Appliance Control	2.5A	/250V 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)		100000 cycles	150°C	892100-4510-0027
UP61 UP62	EN (VDE)	EN 60730-2-3	Thermal Ballast Protector	1A /250V AC (inductive)		10000 cycles	150°C	892100-4510-0027
	CQC	GB14536.10	Thermostat (Non-fused bimetal Type)	4A/125V, 2.5A/250V AC			150°C	CQC04002009091 CQC03002008321

## Graph Left : Tripping Time vs Current (at 25°C)

## Graph Right : Operating Temp. Drop due to Current



Variation	Lead
UP6	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.

