

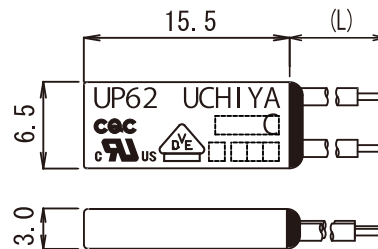
- The **smallest** UL recognized Thermal Protector Sealed in PBT enclosure
- More than **10 million** units shipped per annum (2009)
- More than **30 years** of long-seller
- Japan/Hong Kong/Europe, **three global production sites**



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

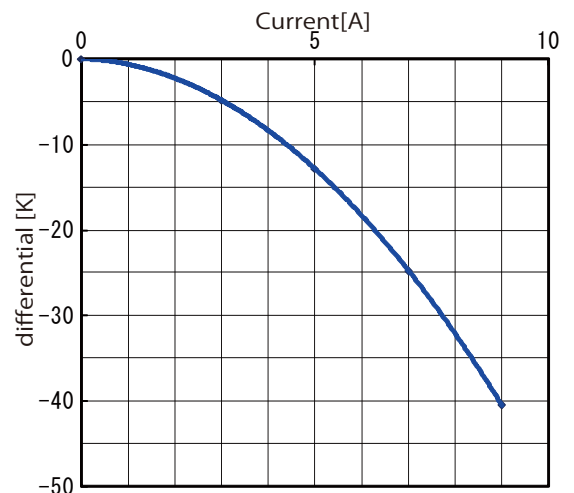
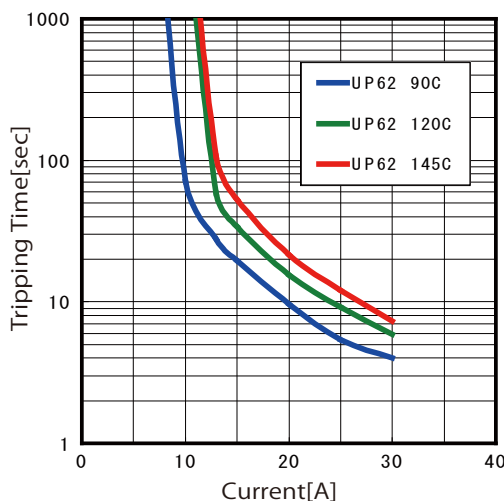
- Overheat Protector
- Small motor
- Transformer
- Solenoid
- Lighting Fixtures
- Projector
- Other Electronic Hardware

Safety Approval

※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings		Max Temp	File No.
UP6	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
UP61	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
UP62	EN (VDE)	EN IEC 60730-2-22	Thermal Motor Protector	250V AC		150°C	40003837
	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out	2.5A(1.6A)/250V AC resistive (inductive)	10000 cycles	150°C	40023061
UP61	EN (VDE)	EN 60730-2-3	Thermal Ballast Protector	1A /250V AC (inductive)	10000 cycles	150°C	40010814
UP62	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.

