

- World's only **"DUAL SPRING MECHANISM"**
- Stronger Contact Pressure,
Lower Contact Resistance
Ensures **Longer Stability and Reliability**
- Compact in size and Bigger contact capacity
8A 125V AC, 5A 250V AC (Resistive)
- Applicable to 1mA 1.5V DC (**milli-ampere circuit**)
Suitable for use in series connection to controllers and power semiconductors
- Overheat, Overload protector for **AC devices** (EP2 series for DC devices)

JP6

Temperature limiter (Operating control)
Thermal cut-out

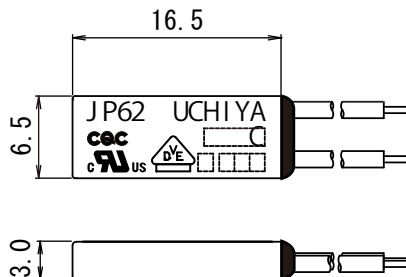


HYBRID THERMOSTAT

Specifications

- Operating temp 50°C~150°C(5°C step)
- Tolerance ±5°C、±7°C、±10°C
- Differential 40±15K(Standard)
- Breaking capacity
8A 125V AC 6000 cycle(resistive)
5A 250V AC 10000 cycle(resistive)
- Pollution degree 2

Dimensions



Applications

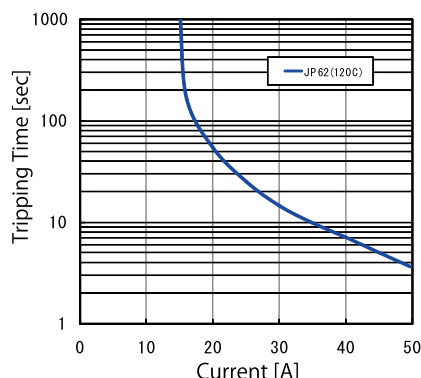
- Motor
- Resister
- Transformer
- Charger
- Solenoid
- Projector
- Lighting Fixture
- Heating Appliance

Safety Approval

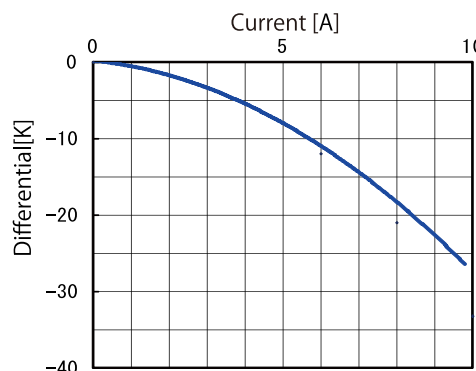
※Contact us for approved conditions in detail.

Model	Standard	Category	Electrical Ratings	Max Temp	File No.
JP61 JP62	UL	UL 60730-1 UL 60730-2-9	8A / 125V AC, (resistive) 6,000 cycles (rated impulse voltage : 1,500V)	140°C	E50124
	c-UL	CAN / CSA E 60730-1 E 60730-2-9			
	EN (VDE)	EN 60730-1 EN IEC 60730-2-22	Thermal motor protector Type 3.C	250V AC	150°C
		EN 60730-1 EN IEC 60730-2-9	Thermal cut-out Type 2.C (250V) Type 2.B (125V)	5A (3.5A) / 250V AC, 5A (3.5A) / 125V AC, (resistive (inductive)) 10,000 cycles	150°C
		EN 60730-1 EN 60730-2-3	Thermal ballast protector	2A / 250V AC, (inductive) 10,000 cycles	150°C
	CQC	GB/T14536.1 GB/T14536.10	Thermostat (Non-fused bimetal type)	8A / 125V AC, 5A / 250V AC, (resistive) 10,000 cycles	150°C
					CQC04002009087 CQC03002008317 CQC20002260525

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



Graph Right: Operating Temp. Drop due to Current



Variation

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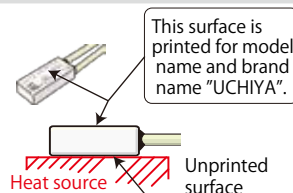
Lead

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

Further information, write or call:

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