UCHIYA

JP21/ JP22

Temperature limiter (Operating control)

NEW

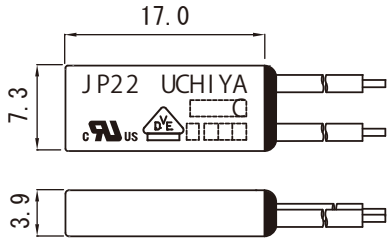
HYBRID THERMOSTAT

- World's only "DUAL SPRING MECHANISM"
- Shock resistant and vibration proof
- Stable contact-point electric resistance
- Applicable to 1mA 1.5V DC (milli-ampere circuit) Suitable for use in series connection to controllers and power semiconductors
- Available with the operating temperatures up to 170℃

Specifications

- Operating temp: 60℃～170℃ (Available in increments of 5℃)
- Tolerance: ±5℃ (60℃～150℃) ±5% (151℃～170℃)
- Differential: 40±15K (60℃～150℃) 60±25K (151℃～170℃)
- Ratings: 4A 125V AC 6000 cycles (resistive) 2.5A 250V AC 10000 cycles (resistive)
- Pollution degree: 2

Dimensions



Applications

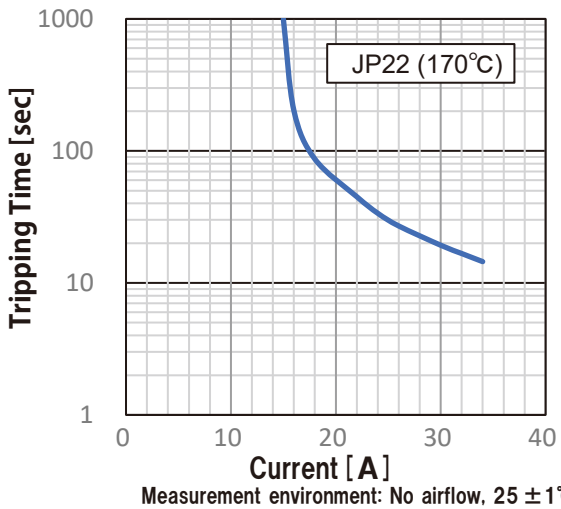
- Reactors
- Transformers
- Projectors
- Motors
- Solenoids
- Lighting
- Heating
- Resistors

Safety Approval

※Contact us for approved conditions in detail.

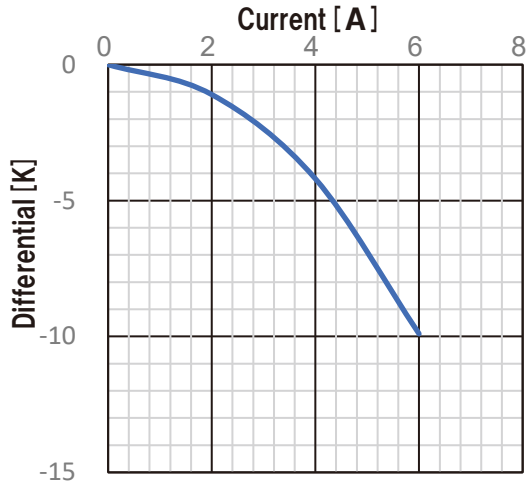
Model	Standard		Category	Electrical Ratings	Max Temp	File No.
JP21 JP22	UL	UL 60730-1 UL 60730-2-9	Temperature limiter (Operating control) Type 2.B	4A /125V AC, 6000 cycles (resistive) (rated impulse voltage : 1500V)	170℃	E50124
	c-UL	CAN / CSA E 60730-1 E 60730-2-9				
	EN (VDE)	EN IEC 60730-2-9	Thermal cut-out Type 2.C (250V) Type 2.B (125V)	2.5A(1.6A) /250V AC, 2.5A(1.6A)/125V AC resistive(inductive) 10,000cycles	170℃	40022558

Tripping Time vs Current (at25℃)



Measurement environment: No airflow, 25±1℃

Operating Temp. Drop due to Current



Variation

JP2□

	Lead
1	Uninsulated Solid
2	Insulated wire

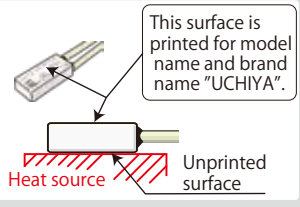
EU RoHS Compliant

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.



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