

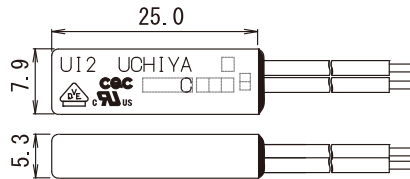
- Bigger electric capacity
- Insulated PBT Resin Enclosure
- Higher Reliability and Durability (100000 cycles by UL)
- Worldwide Safety Approvals
- Long-seller for more than 30 years



Specifications

- Operating temp 55°C~150°C (5°C step)
- Tolerance: ±5°C、±7°C、±10°C
- Differential: 30±15K
- Breaking capacity
 - 12A 125V AC 6000 cycle (resistive)
 - 10A 250V AC 10000 cycle (resistive)

Dimensions



Applications

- Overheat protector
- Cartridge heater
- Steering heater
- Small motor
- Projector
- Transformer

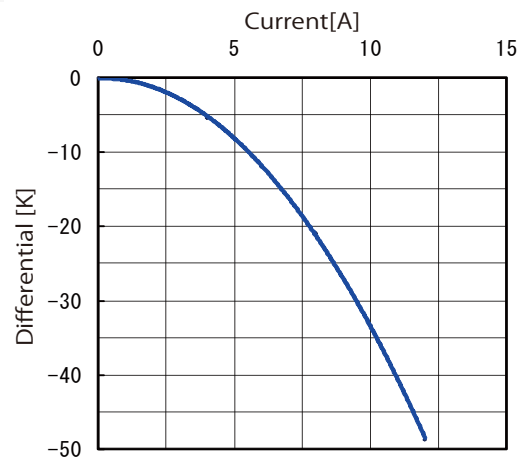
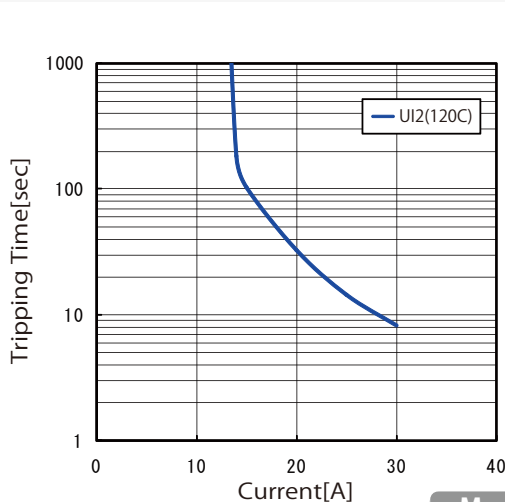
Safety Approval

※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	MaxTemp	File No.
UI 2	UL	UL873	Regulating	12A /125V AC (resistive) 6000 cycles	140°C	E50124
	UL	UL873	Limiting	6A /125V AC (resistive) 100000 cycles	140°C	E50124
	UL	UL873	Limiting	3A /240V AC (resistive) 100000 cycles	140°C	E50124
	UL	UL2111	Motor Protector	125V AC 0.373 kw	150°C	E52703
	c-UL	CSA C22.2 No.24	Regulating	12A /125V AC (resistive) 6000 cycles	145°C	E50124
	c-UL	CSA C22.2 No.24	Limiting	6A /125V AC (resistive) 100000 cycles	145°C	E50124
	c-UL	CSA C22.2 No.24	Limiting	3A /240V AC (resistive) 100000 cycles	145°C	E50124
	c-UL	CSA C22.2 No.77	Motor Protector	125V AC 0.373 kw	150°C	E50124
	EN (VDE)	EN 60730-2-2	Thermal Motor Protector	250V AC	155°C	892100-4510-0028
	EN (VDE)	EN 60730-2-9	Thermal Cut-out	10A(8A)/250V AC resistive (inductive) 1000 cycles	155°C	892100-4510-0029
	EN (VDE)	EN 60730-2-9	Thermal Cut-out	10A /250V AC (resistive) 10000 cycles	155°C	892100-4510-0029
	CMJ		Thermal Cut-out	8A /125V AC (resistive) 10000 cycles	130°C	J-22
	CQC	GB14536.10	Thermostat (Non-fused bimetal type)	12A / 125V, 10A / 250V AC	150°C	CQC04002009089 CQC03002008319

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

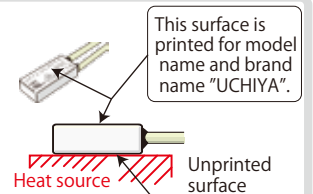
Graph Right: Operating Temp. Drop due to Current



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

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