UCHIYA

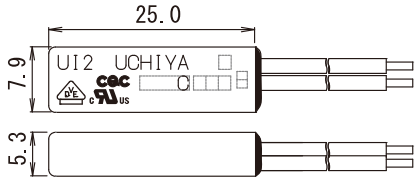
UI2
thermal protector

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

Dimensions



Applications

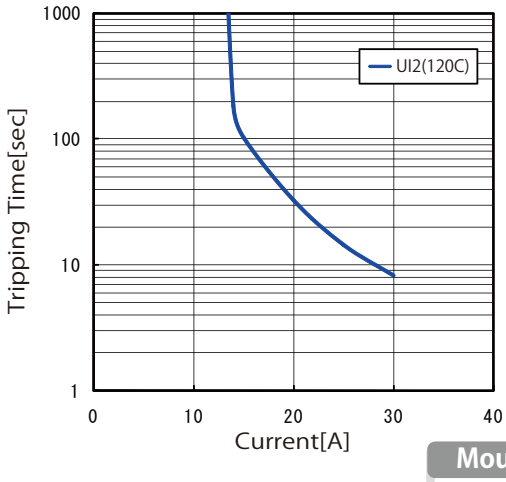
- Overheat protector
- Cartridge heater
- Steering heater
- Small motor
- Projector
- Transformer

Safety Approval

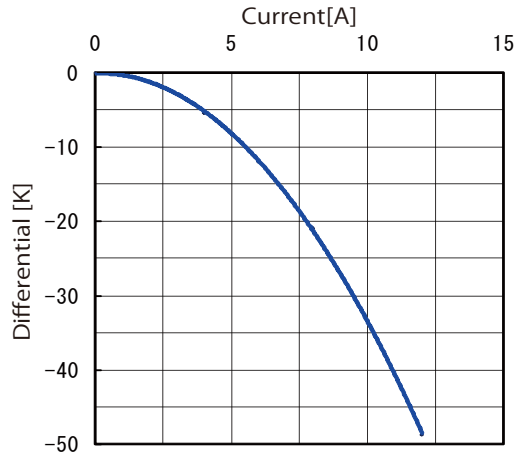
※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	MaxTemp	File No.
UI 2	UL	UL873	Regulating	12A /125V AC (resistive) 6000 cycles	140℃	E50124
	UL	UL873	Limiting	6A /125V AC (resistive) 100000 cycles	140℃	E50124
	UL	UL873	Limiting	3A /240V AC (resistive) 100000 cycles	140℃	E50124
	UL	UL2111	Motor Protector	125V AC 0.373 kw	150℃	E52703
	c-UL	CSA C22.2 No.24	Regulating	12A /125V AC (resistive) 6000 cycles	145℃	E50124
	c-UL	CSA C22.2 No.24	Limiting	6A /125V AC (resistive) 100000 cycles	145℃	E50124
	c-UL	CSA C22.2 No.24	Limiting	3A /240V AC (resistive) 100000 cycles	145℃	E50124
	c-UL	CSA C22.2 No.77	Motor Protector	125V AC 0.373 kw	150℃	E50124
	EN (VDE)	EN IEC 60730-2-22	Thermal Motor Protector	250V AC	155℃	40003820
	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out	10A(8A)/250V AC resistive (inductive) 1000 cycles	155℃	40022682
	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out	10A /250V AC (resistive) 10000 cycles	155℃	40022682
	CMJ		Thermal Cut-out	8A /125V AC (resistive) 10000 cycles	130℃	J-22
	CQC	GB14536.10	Thermostat (Non-fused bimetal type)	12A / 125V, 10A/ 250V AC	150℃	CQC04002009089 CQC03002008319

Graph Left: Tripping Time vs Current (at 25℃)



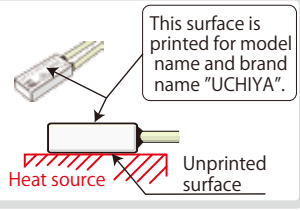
Graph Right: Operating Temp. Drop due to Current



Mounting method

In case of sensing heat directly from the heat source, place the thermal protector to touch 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.



EU RoHS Compliant

ウチヤ・サーモスタット株式会社
UCHIYA THERMOSTAT CO., LTD.