

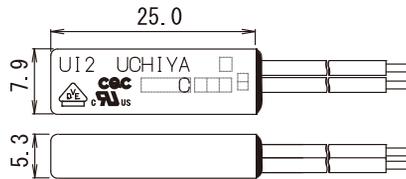
- Bigger electric capacity
- Insulated PBT Resin Enclosure
- Higher Reliability and Durability (100000 cycles by UL)
- Worldwide Safety Approvals
- Long-seller for more than 30 years



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

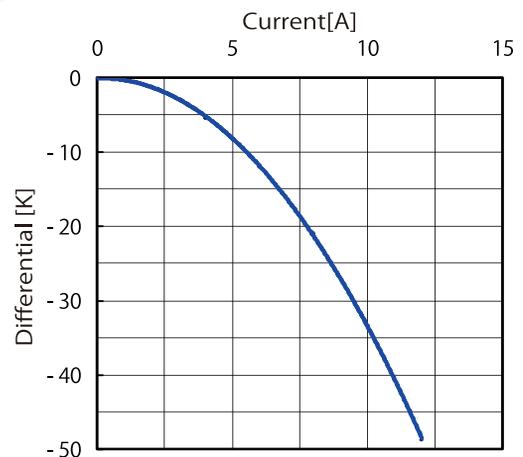
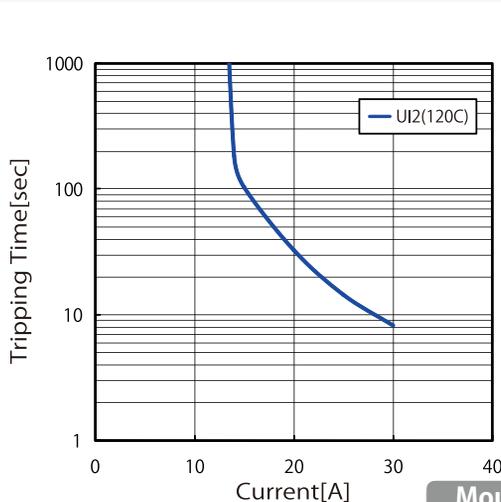
Safety Approval

※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 | E52703 |
| | EN (VDE) | EN IEC 60730-2-22 | Thermal Motor Protector | 250V AC | 155°C | 40003820 |
| | EN (VDE) | EN IEC 60730-2-9 | Thermal Cut-out | 10A(8A)/250V AC resistive (inductive) 1000 cycles | 155°C | 40022682 |
| | EN (VDE) | EN IEC 60730-2-9 | Thermal Cut-out | 10A /250V AC (resistive) 10000 cycles | 155°C | 40022682 |
| | 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)

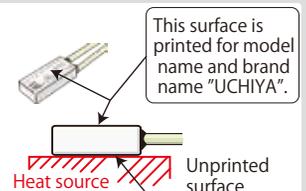
Graph Right: Operating Temp. Drop due to Current



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.



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