

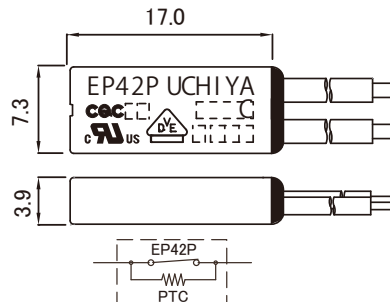
- EP42P with the built-in PTC heater maintains an open state until turning off the power, after the contacts open due to overloads and/or overheatings. This function prevents unexpected restart of motors and/or restart of heaters.



Specifications

- Operating Temp 60°C~140°C(5°C step)
- Tolerance ±5°C、±7°C、±10°C
- Reset Non Self Resetting (Voltage Maintained)
- Breaking capacity
8A 125V AC 3000 cycle(resistive)
5A 250V AC 3000 cycle(resistive)

Dimensions



Applications

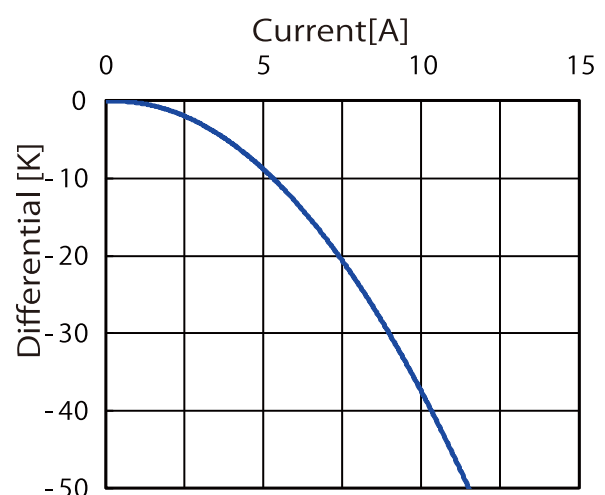
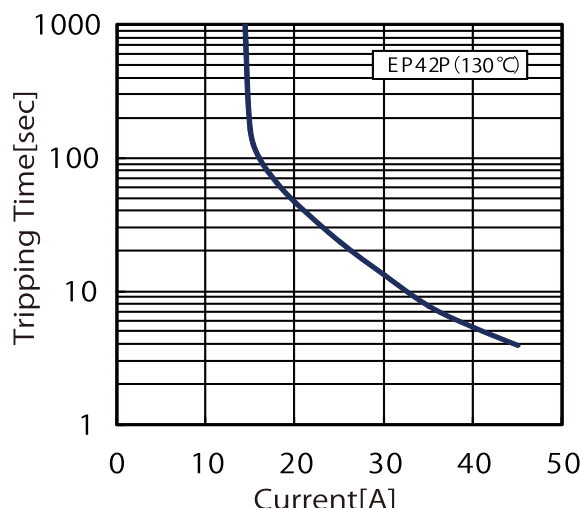
- Overload, Overheat Protector
- Small Motor
- Lighting Fixture
- Power Tool
- Gardening Tool
- Vending Machine
- Industrial Machine

Safety Approval

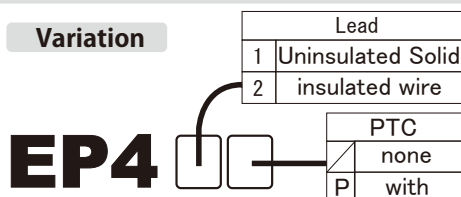
※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	Max Temp	File No.
EP41P EP42P	UL	UL2111	Motor Protector	125V/250V AC 0.373Kw	140°C	E52703
	c-UL	CSA C22.2 No.77	Motor Protector	125V/250V AC 0.373Kw	140°C	E52703
	EN (VDE)	EN IEC 60730-2-22	Thermal Motor Protector Voltage Maintained	250V AC	140°C	137607
	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out Voltage Maintained	5A(3.5A)/ 250V AC resistive (inductive) 3000 cycles	140°C	40022339
	CQC	GB/T14536.10	Thermostat (Non-fused bimetal type)	8A/125V, 5A/250V AC	140°C	CQC04002009088 CQC03002008318

Graph Left: Tripping Time vs Current (at 25°C) Graph Right: Operating Temp. Drop due to Current



Variation



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.

