

- World's only "DUAL SPRING MECHANISM"
- Stronger Contact Spring, Higher Vibration/Impact Durability
- Applicable to 1mA 1.5V DC (milli-ampere circuit)
Suitable for use in series connection to controllers and power semiconductors
- Bigger Non-trip Current acceptable by changing inner live parts material
Suitable for quick charger battery pack
- Overload, overheat protection for DC devices
(Please refer to model JP series for AC devices)

EP2 thermal protector

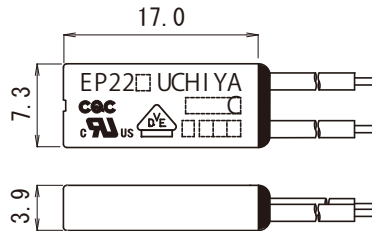


HYBRID THERMOSTAT

Specifications

- Operating temp 50°C~130°C(5°C step)
- Tolerance ±5°C、±7°C、±10°C
- Differential 40±15K(Standard)
- Breaking capacity
13A 26V DC 6000 cycle(resistive)

Dimension



Applications

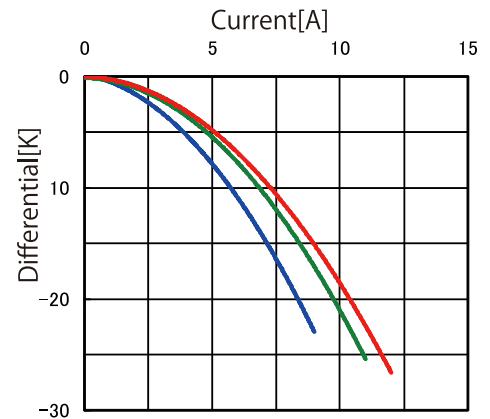
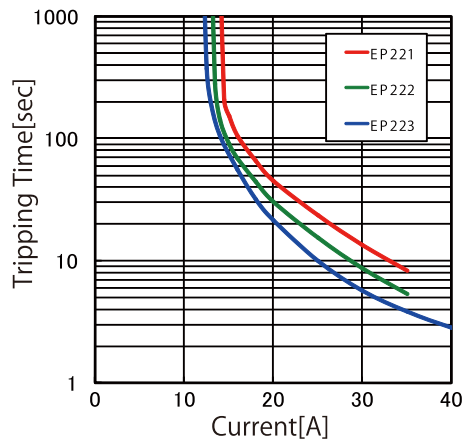
- Power Tool
- Battery Pack
- Battery Charger
- DC Small Motor

Safety Approval

※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings		Max Temp	File No.
EP2##	UL	UL873	Regulating	13A / 26V DC (resistive)	6000 cycles	130°C	E50124
	c-UL	CSA C22.2 No.24	Appliance Control	13A / 26V DC (resistive)	6000 cycles	130°C	E50124
	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out	13A / 26V DC (resistive)	10000 cycles	130°C	40027970
	CQC	GB14536.10	Thermostat (Non-fused bimetal type)	13A / 26V DC		130°C	CQC10002050712 CQC10002050710

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



EP2

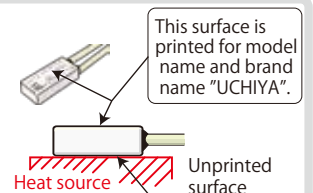
Variation

Lead	Materials of Stationary Arm / Movable Arm	
None		
1 Uninsulated Solid	1 Copper Alloy	Copper Alloy
2 Insulated wire	2 Brass	Copper Alloy
	3 Brass	Copper Alloy

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

Further information, write or call;

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