

- DC high-voltage protector (48V DC / 5A)
- The industry's thinnest, capable of operating at temperature settings up to 150°C
- Available with Self-Hold
→ Extra safety measure preventing an unexpected automatic restart

EP82P

DC High-voltage Type
Thermal Cut-out

DC48V / 5A

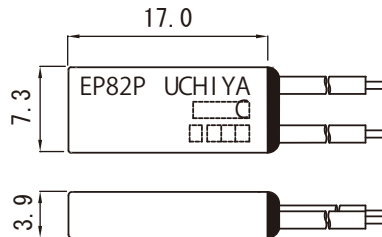
NEW



Specifications

- Operating temp: 50°C ~ 150°C
(Available in increments of 5°C)
- Reset: Depending on safety standard categories
- Ratings: 5A / 48V DC
6000cycles (resistive)

Dimensions



Applications

- Batteries
- Electric Vehicles
- Robots
- Solar cell systems
- Fuel cell systems

Safety Approval

※Contact us for approved conditions in detail.

Model	Standard		Category	Electrical Ratings	Max Temp	File No.
EP82P Applications for certification underway	UL	UL 60730-1 UL 60730-2-9	Temperature limiter Type 2.C	5A / 48V DC 6000 cycles (resistive)	150°C	
	c-UL	CAN / CSA E 60730-1 E 60730-2-9				
	EN (VDE)	EN IEC 60730-1 EN IEC 60730-2-9 (CB test certificate : IEC 60730-1, IEC 60730-2-9)	Voltage Maintained Thermal cut-out Type 2.C.AK	5A / 48V DC 6000 cycles (resistive)	150°C	
	CQC	GB/T 14536.1 GB/T 14536.10	Thermostat Type 2.C	5A / 48V DC 6000 cycles (resistive)	150°C	

“Tripping Time vs Current / Operating Temp. Drop due to Current”

Data are being prepared.

Variation

EP82P

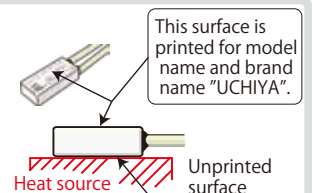
Lead	
1	Uninsulated Solid
2	Insulated wire

EU RoHS Compliant

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.



Further information, write or call:
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