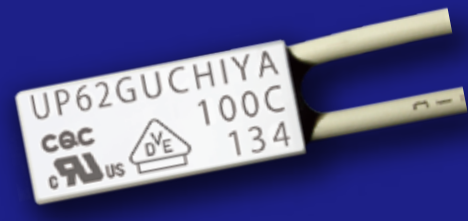
UCHIYA

UP6#G
thermal protector



- Same as Model UP6 except cross-bar contacts of PGS material (Platinum, Gold and silver Alloy)
- Long-term stability and reliability in contact resistance

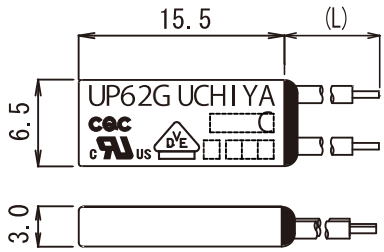
Best solution for eco-designing
(also applicable to milli-ampere circuit)

- Contacts close instantly as the bimetal chip senses abnormal heating-up and minimum signal current(DC1.5V 1mA) flow to circuit

Specifications

- Operating Temp 55℃～140℃ (5℃ step)
- Tolerance ±5℃、±7℃、±10℃
- Differential 30±15K(Standard)
- Breaking Capacity
  - 1A 125V AC 6000 cycle(resistive)
  - 0.5A 250V AC 10000 cycle(resistive)

Dimensions



Applications

Overheat protector for electronic circuit

- Switching Power Supply
- UPS
- Inverter Ballast
- Motor Control Inverter
- Other electronic devices

Safety Approval

※Contact us for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	Max Temp	File No.
UP61G UP62G	UL	UL873	Regulating	1A /125V AC (resistive) 6000 cycles	140℃	E50124
	c-UL	CSA C22.2 No.24	Appliance Control	1A /125V AC (resistive) 6000 cycles	140℃	E50124
	EN (VDE)	EN IEC 60730-2-9	Thermal Cut-out	0.5A /250V AC (resistive) 10000 cycles	150℃	40023061
	CQC	GB14536.10	Thermostat (Non-fused bimetal type)	1A/125V, 0.5A/250V AC	150℃	CQC04002009091 CQC03002008321

ECO-THERMOSTATS Line up

	for Milli-ampere current	No current flow normally
OP6#G	○	○
OP6	—	○
UP6#G	○	—

Variation

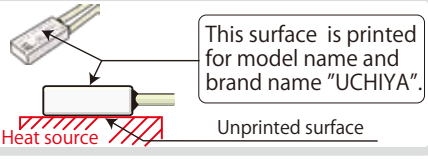
UP6□G

	Lead
	None
1	Uninsulated Solid
2	insulated wire

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

Further information, write or call;
UCHIYA THERMOSTAT CO.,LTD.
SALES HEADQUARTERS KANAMACHI OFFICE
SHIBUSAWA KANAMACHI BUILDING 3F, 1-23-2
HIGASHI KANAMACHI KATSUSHIKA-KU, TOKYO-TO 125-0041, JAPAN
E-mail: sales@uchiya.co.jp
URL: http://www.uchiya.co.jp
TEL: (+81)-3-5672-9830
FAX: (+81)-3-5672-9831

202305

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