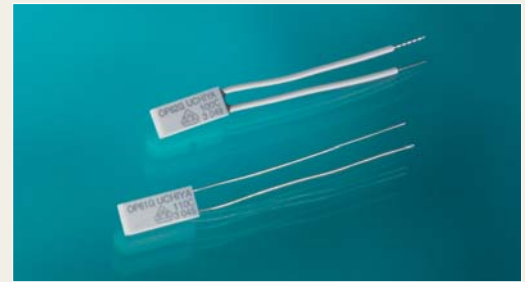
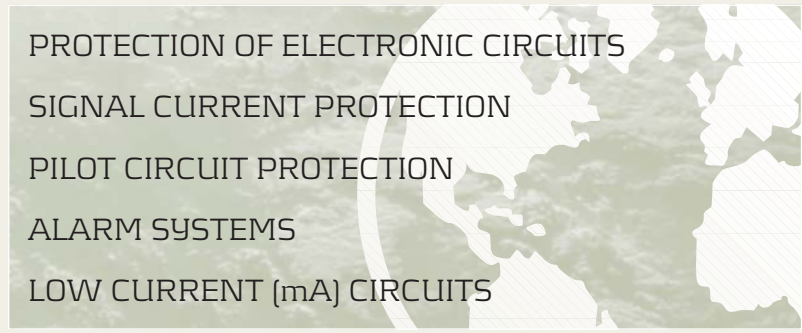


SAMPLE APPLICATIONS OF OP6G



The G Type (OP6 Series) is Uchiya's smallest Open Type Thermal Protector for Low Current AC applications up to 0.5A (250V) and 1A (125V).

The cross-bar contacts consist of an alloy of Platinum, Gold and Silver (P.G.S.), giving consistent low resistance over time and preventing corrosion build-up.

In the G Type (OP6 Series), the contacts are normally open. When the temperature rises to the rated temperature, the contacts close and current flows through the G Type (OP6 Series).

The PBT enclosure offers both thermal conductivity and electrical insulation with no need for additional insulation sleeves.

SAFETY APPROVAL

VDE	EN60730-2-9	0.5A 250V AC
UL/c-UL	UL873	1A 125V
	C22.2 No 24	1A 125V



FEATURES

- Platinum Gold Silver Alloy Contact
- Consistent Resistance Over Time
- Snap Action Bimetal Technology
- Solid and Insulated LeadWire Available
- Worldwide Safety Approvals
- Not Current Sensitive

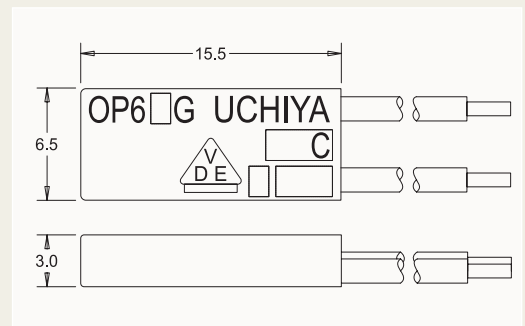
PRODUCT DESCRIPTION

- Thermal Cut-Out
- Thermal Protector
- Thermostat

STANDARD SPECIFICATION

SPECIFICATION	OP6G SERIES	
Switch Temp.	60C ~ 150° C*	
Open Tolerance	+/- 5K	
Standard Differential	30K ~ 40K	
Reset Tolerance	+/- 15K	
Current	0.5A	1A
Voltage	250V AC	125V AC
Cycles	10,000*	
Contact	NORMAL OPEN [NO]	
Contact Resistance	< 50mΩ	
Impregnation Resistance	SUITABLE**	
High Voltage Resistance	> 2.5kV AC (10mA)	
Insulation Resistance	1,000V DC (100MΩ)	
Protection Class	1	
Minimum Leadwire Size	AWG24	

DIMENSIONS



SERIES VARIATIONS

- OP61G** Solid Leadwire
- OP62G** Insulated LeadWire

Uchiya Thermostat reserves the right to modify specifications without prior notice. © Uchiya 2007.

* See Approvals Table for more information ** Please contact Uchiya for further information