

### SAMPLE APPLICATIONS OF OP6

- TRANSFORMER PROTECTOR
- PROTECTION OF ELECTRONIC CIRCUITS
- MOTOR PROTECTOR
- COOLING FAN CONTROL CIRCUITS
- ALARM SIGNAL CONTROLLER
- TIMER APPLICATIONS

### SAFETY APPROVAL

VDE	EN60730-2-9	2.5(1.6)A 250V AC
	EN60730-2-2	250V AC
UL/c-UL	UL873	4A/2A 125V/250V AC
	C22.2 No 24	4A/2A 125V/250V AC



### FEATURES

- PBT Enclosure
- Snap Action Bimetal Technology
- Solid and Insulated LeadWire Available
- Worldwide Safety Approvals
- Not Current Sensitive

### STANDARD SPECIFICATION

SPECIFICATION	OP6 SERIES	
Switch Temp.	60C ~ 150° C*	
Open Tolerance	+/- 5K	
Standard Differential	30K ~ 40K	
Reset Tolerance	+/- 15K	
Current	2.5(1.6)A	4A
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	

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



The OP6 Series is the smallest Open Type Thermal Protector produced by Uchiya Thermostat for AC applications up to 2.5A (250V) and 4A (125V).

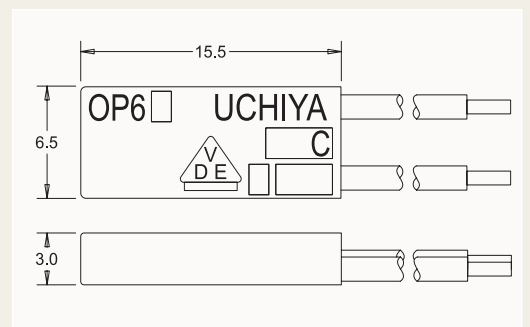
In the OP6 Series, the contacts are normally open. When the temperature rises to the rated temperature, the contacts close and current flows through the OP6 Series.

The compact size and unique design of the OP6 Series allows it to fit into tight spaces in applications and to be mounted onto PCB Boards.

### PRODUCT DESCRIPTION

- Thermal Cut-Out
- Thermal Motor Protector
- Thermal Protector

### DIMENSIONS



### SERIES VARIATIONS

- OP61** Solid Leadwire
- OP62** Insulated LeadWire

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