

providing SAFETY to SOCIETY worldwide

### SAMPLE APPLICATIONS OF OP7

- 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



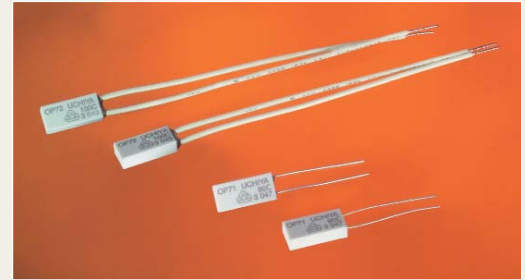
### FEATURES

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

### STANDARD SPECIFICATION

SPECIFICATION	OP7 SERIES
Switch Temp.	60C ~ 150° C*
Open Tolerance	+/- 5K
Standard Differential	30K ~ 40K
Reset Tolerance	+/- 15K
Current	2.5(1.6)A
Voltage	250V 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 OP7 Series is an Open Type Thermal Protector produced by Uchiya Thermostat for AC applications up to 2.5A (250V).

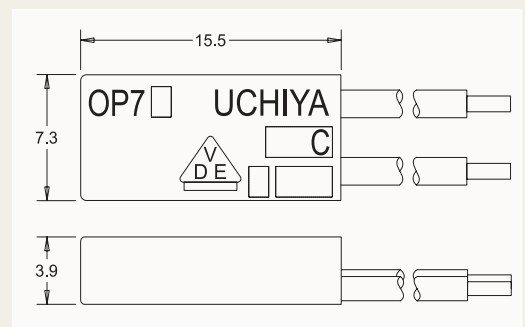
In the OP7 Series, the contacts are normally open. When the temperature rises to the rated temperature, the contacts close and current flows through the OP7 Series.

The compact size and unique design of the OP7 Series allows it to fit into tight spaces and to be mounted directly into windings.

### PRODUCT DESCRIPTION

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

### DIMENSIONS



### SERIES VARIATIONS

- OP71 Solid Leadwire
- OP72 Insulated LeadWire

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