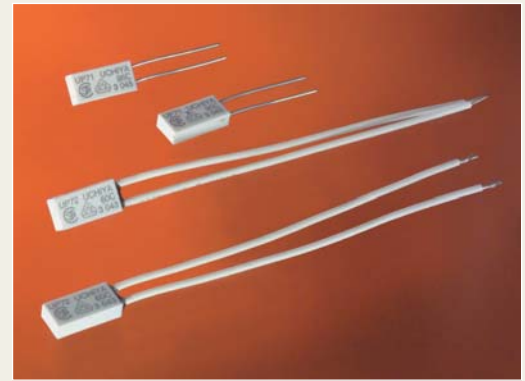


SAMPLE APPLICATIONS OF UP7

- MOTOR PROTECTOR
- SOLENOID PROTECTOR
- TRANSFORMER PROTECTOR
- POWER TRANSISTOR PROTECTION
- SUPPLY MODE POWER SUPPLY
- PROTECTION OF ELECTRONIC CIRCUITS



SAFETY APPROVAL

VDE	EN60730-2-9	2.5(1.6)A 250V AC
	EN60730-2-2	250V AC
UL/c-UL	UL2111	1/2HP 125V AC
	C22.2 No 77	1/2HP 125V AC
CSA	C22.2 No 24	4A/2A 125V/250V AC
	C22.2 No 77	3.75FLA 125V AC



The UP7 Series is Uchiya's smallest Thermal Motor Protector approved by UL and CSA for 1/2HP motors at 125V AC.

The compact size and unique design of the UP7 Series allows it to fit into tight spaces and to be mounted directly into windings.

FEATURES

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

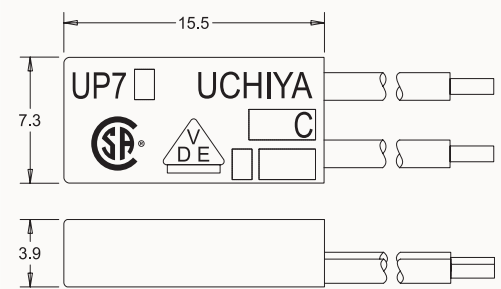
PRODUCT DESCRIPTION

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

STANDARD SPECIFICATION

SPECIFICATION	UP7 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 CLOSED [NC]
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

- UP71** Solid LeadWire
- UP71T** Solid LeadWire (*)
- UP72** Insulated LeadWire
- UP72T** Insulated LeadWire (*)

* UP7 Series with no CSA Approval

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