

SAMPLE APPLICATIONS OF UI2

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



SAFETY APPROVAL

VDE	EN60730-2-9	10(8)A 250V AC
	EN60730-2-2	250V AC
UL/c-UL	UL873	12A 125V AC
	C22.2 No 24	12A 125V AC
	UL2111	1/2HP 125V AC
	C22.2 No 77	1/2HP 125V AC
CSA	C22.2 No 24	6A 125V AC
	C22.2 No 77	125V AC



The UI2 Series is the largest enclosed Thermal Protector and Motor Protector produced by Uchiya Thermostat for AC applications up to 10A (250V) and 12A (125V).

With its large current carrying capacity, the UI2 Series is ideal for more demanding applications and solutions.

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

FEATURES

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

STANDARD SPECIFICATION

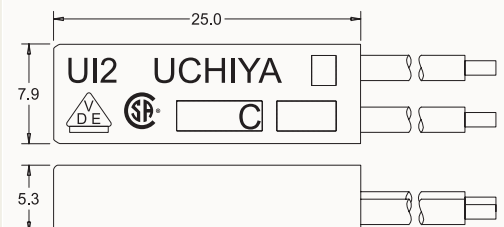
SPECIFICATION	UI2 SERIES	
Switch Temp.	60C ~ 155° C*	
Open Tolerance	+/- 5K	
Standard Differential	30K ~ 40K	
Reset Tolerance	+/- 15K	
Current	10(8)A	12A
Voltage	250V AC	125V AC
Cycles	10,000*	
Contact	NORMAL CLOSED [NC]	
Contact Resistance	< 50mΩ	
Impregnation Resistance	SUITABLE**	
High Voltage Resistance	> 2.5kV AC [10mA]	
Insulation Resistance	1,000V DC [100MΩ]	
Protection Class	1	
Minimum Leadwire Size	AWG20	

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

PRODUCT DESCRIPTION

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

DIMENSIONS



SERIES VARIATIONS

- UI2 Insulated LeadWire

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