SAMPLE APPLICATIONS OF UI2T

HEATING ELEMENT PROTECTOR

TRANSFORMER PROTECTOR

POWER SUPPLY 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

FEATURES

PBT Enclosure

Snap Action Bimetal Technology

Choice of NEC or Micro Devices Fuse

Worldwide Safety Approvals

Not Current Sensitive

STANDARD SPECIFICATION

SPECIFICATION	UI2T 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

Based on the Uchiya UI2 Series, the UI2T Series has the added benefit of a fuse in series for increased protection at end of life of the Thermal Protector for AC applications up to 10A (250V) and 12A (125V).

The fuse is secured onto the UI2T by means of a spot-weld, giving a strong joint and extra security.

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

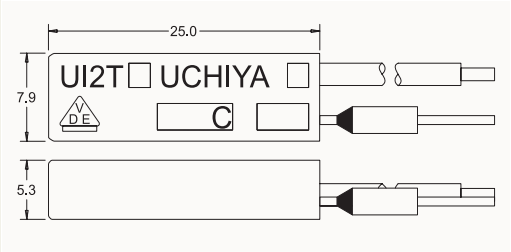
PRODUCT DESCRIPTION

Thermal Cut-Out

Thermal Protector

Thermostat

DIMENSIONS



SERIES VARIATIONS

UI2TS **Insulated LeadWire with NEC Schott SF/E Fuse** (features a large cut-off [rated]) current of 10A to 15A AC and an operating temperature range from 73C to 240C).

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