

**SAMPLE APPLICATIONS OF UP7G**

**NEW**

- PROTECTION OF ELECTRONIC CIRCUITS
- SIGNAL CURRENT PROTECTION
- PILOT CIRCUIT PROTECTION
- ALARM SYSTEMS
- LOW CURRENT (mA) CIRCUITS

**SAFETY APPROVAL**

<b>VDE</b>	PENDING	
<b>UL/c-UL</b>	UL873	1A 125V
	C22.2 No 24	1A 125V



**FEATURES**

- Platinum Gold Silver Alloy Contact
- Consistent Resistance Over Time
- Snap Action Bimetal Technology
- Solid and Insulated LeadWire Available
- Worldwide Safety Approvals
- Not Current Sensitive

**STANDARD SPECIFICATION**

SPECIFICATION	UP7G SERIES
Switch Temp.	60C ~ 140° C*
Open Tolerance	+/- 5K
Standard Differential	30K ~ 40K
Reset Tolerance	+/- 15K
Current	1A
Voltage	125V AC
Cycles	6,000*
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

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



The G Type (UP7 Series) is Uchiya's Thermal Protector for Low Current AC applications up to 1A (125V).

The cross-bar contacts consist of an alloy of Platinum, Gold and Silver (P.G.S.), giving consistent low resistance over time.

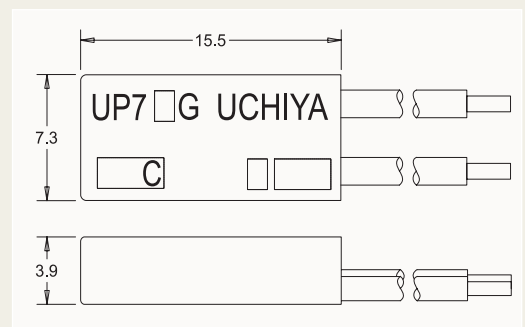
The PBT enclosure offers both thermal conductivity and electrical insulation with no need for additional insulation sleeves.

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

**PRODUCT DESCRIPTION**

- Thermal Cut-Out
- Thermal Protector
- Thermostat

**DIMENSIONS**



**SERIES VARIATIONS**

- UP71G** Solid Leadwire
- UP72G** Insulated LeadWire

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