

SAMPLE APPLICATIONS OF UP6G

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

SAFETY APPROVAL

VDE	EN60730-2-9	0.5A 250V AC
UL/c-UL	UL873	1A 125V
	C22.2 No 24	1A 125V



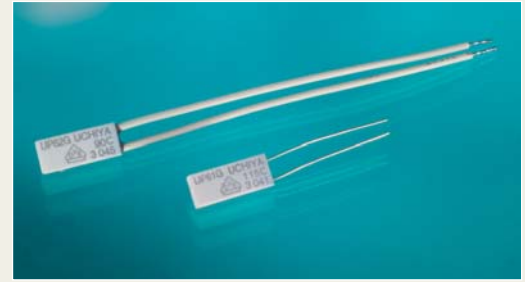
FEATURES

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	UP6G SERIES	
Switch Temp.	60C ~ 150° C*	
Open Tolerance	+/- 5K	
Standard Differential	30K ~ 40K	
Reset Tolerance	+/- 15K	
Current	0.5A	1A
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	

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



The G Type (UP6 Series) is Uchiya's smallest Thermal Protector for Low Current AC applications up to 0.5A (250V) and 1A (125V).

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

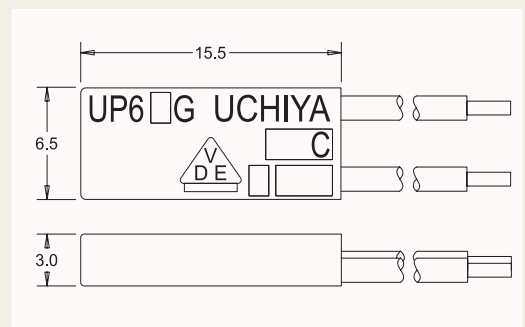
The compact size and unique design of the G Type (UP6 Series) allows it to fit into tight spaces in applications and to be mounted onto PCB Boards.

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

UP61G Solid Leadwire
UP62G Insulated LeadWire

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