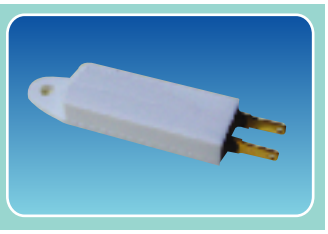
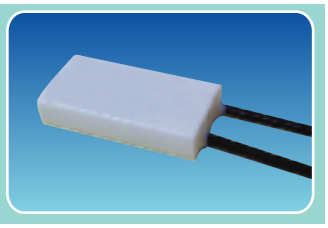
Temperature Power Sensor (Controller)

The TPS enables the temperature control of precision measurement equipment and electronic equipment, which is the role of the electronic controller, via the bimetal. Furthermore, we have attained ultra high temperature control at a 400 degree level, which is the first time in the world.

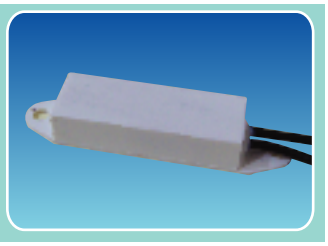
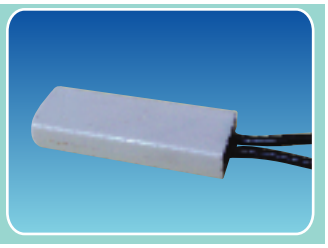
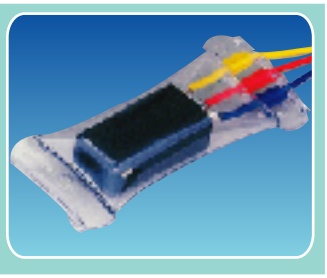
2 Amp. series for ordinary temperatures (-10C ~ 110C)

LIFE CYCLE 100K~1000K Times

Type	Rating & Characteristics	Feature
MQT8K 	Operating Voltage : AC125V, DC12V/2A ; AC250V, DC24V/1.3A Maximum operating voltage : AC250V max., DC48V max Temperature setting range : - 10°C~110°C Differential : A rank(3±1), B rank(4.5±1.5), C rank(6.5±1.5), D rank(10±2) Temperature setting tolerance : ±3 when the temperature is below 50°C	Standard model of the 2 Amp. series with mounting holes. With a 150 mm lead Size: 44 x 12.5 x 6.4 mm
MQT8KT 		With a #110 tab. A receptacle with two holes (female housing) is provided. Receptacles can be used separately for each terminal Size: 44 x 12.5 x 6.4 mm
MQT11H 		11k consist of built-in fuse for dual safety. Size: 34.5 x 18.2 x 6.4 mm

5 Amp. series for ordinary temperatures (-10C ~ 110C)

LIFE CYCLE 100K~1000K Times

Type	Rating & Characteristics	Feature
M3 	Operating Voltage : AC125V, DC12V/5A AC250V, DC24V/3A Maximum operating voltage : AC250V max., DC48V max Temperature setting range : -10°C~110°C Differential : A rank(4±1), B rank(4.5±1.5), C rank(6.5±1.5), D rank(10±2) Temperature setting tolerance : ±3 when the temperature is below 50°C	Standard 5 Amp. Series with 2 mounting holes. With a 150 mm lead Size: 68 x 15.5 x 10.8 mm
M2 		Thin version of the 5 Amp. series. The differential is approximately 10°C. Long life model. Without a mounting hole. With a 150 mm lead Size: 45.5 x 16 x 7.5 mm
MQT5S 		Sealed in a vinyl tube A back contact model (with 3 lead wires) is also available Size: 100 x 42 x 19 mm