



BIMETALLIC THERMAL PROTECTORS / THERMOSTATS

Creep Action Thermostats: These be used for control and thermal protection of heater circuits, motors and transformers.

Snap Action Thermostats: These can be used for control and protection of higher currents and DC applications




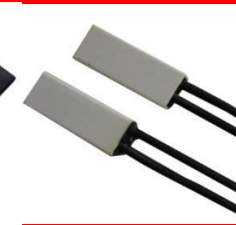
Cases: The metal cases used in these products are electrically live and must be suitably insulated

Lead Wires: Most of the models are available with optional lead wires and shrink insulation

Safety approvals: Several of the models have UL component listings

Custom Models: US Electronics excels in manufacturing products custom tailored to customer's needs. Please contact us with your special needs.

SELECTION CRITERIA FOR BIMETALLIC THERMAL PROTECTORS / THERMOSTATS

							
Model Specifications	USE-6AP	USE-8AM	USE-17AM	USE-RA/RB/R	USE-RD	USE-RS	USE-RZ
Dimensions L x W x H in mm	22.8 x 9.2 x 3.7	36.0 x 16.0 x 7.5	20.0 x 10.5 x 4.7	See Specifications	20.5 x 5.6 x 6.8	14.1 x 5.8 x 2.2	18.0 x 7.2 x 4.2
Reset type	Auto Reset	Auto Reset	Auto Reset	Auto Reset	Auto Reset	Auto Reset	Self-hold
Bi-Metal Type	Snap	Snap	Snap	Creep	Creep	Snap	Snap
Resistive rating at 24 VDC	30A/15V	20-60A	22A/16V	2A/3A/2A	6A	5A	4A
Resistive rating at 125 VAC	10A	20~60A	22A/125V 8A/250V	2A/3A/2A	6A	5A	4A/240V
Rated Cycles	30,000	5,000	6,000	10,000	100,000	6,000	6,000
Open Temperature Range	80~160°C	80~160°C	45~160°C	20~150°C	20~150°C	45~120°C	45~120°C
Open Temperature Tolerance	±5°C	±8°C	±5°C	±5°C	±5°C	±5°C	±5°C
Hysteresis to Reset	15~35°C	15~35°C	15~35°C	1~2°C	1~2°C	10~25°C	25~45°C
Contact Resistance	<100mΩ						
Insulation Resistance	>100MΩ at 500V						
Dielectric Resistance	1500V for 1 minute						
Storage Temperature	-40°C (Non Condensing) to 150°C						
UL/CUL Safety Approvals File E351607	--	--	UL	UL	UL	--	UL/CUL

**US Electronics Inc.
St.Louis, MO-63132. Ph: 314-4237550**