



Details

▪ 901A

Heat conducts through the metal mounting plate to trigger the thermostat.

Provide good and stable thermo-temperature control and minimum EMC interference.

Has been widely applied in kitchen cooking products such as waffle maker, rice cooker, deep fryer and oven.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC, 10A (Resistive loading)
Maximum rated temperature	260°C
Maximum ambient temperature	T300°C
Endurance	100,000 cycles
Hi-pot	1500V AC 1 min / 2500VAC 1 min
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

▪ 901B

Heat conducts through the metal mounting plate and by radiation to trigger the thermostat. Give flexible mounting in application.

Has been widely applied in oven, steam iron, fan heater and convection heater.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC, 10A (Resistive loading)
Maximum rated temperature	260°C
Maximum ambient temperature	T300°C
Endurance	100,000 cycles
Hi-pot	1500V AC 1 min /2500VAC 1 min
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

▪ 901E

Series 901E Thermostat is designed for High-Power loading application-maximum 16Amp.

Thermostat is triggered by ambient heat and the heat conducted through the metal mounting plate.

Has various mounting design customized for different application.

Has been widely applied in fan heater, oven, and convection heater.

▪ SPECIFICATION

Rating	250V AC, 16A (Resistive loading)
Maximum ambient temperature	T250°C
Endurance	100,000 cycles
Hi-pot	2500VAC 1min
Safety Compliance	VDE/CQC/CB/CE/RoHS/REACH



Details

▪ 901C

Bi-metal directly contacts with sole plate. It gives precise control in sole plate temperature. Mounting is given by a bridge-type metal plate.

Usually be used in iron.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC, 10A (Resistive loading)
Maximum rated temperature	260°C
Maximum ambient temperature	T300°C
Endurance	30,000 cycles
Hi-pot	1500V AC 1 min /2500VAC 1 min
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

▪ 901D

Device carries a built-in thermo-fuse device. Besides providing precise temperature control, it also protects the product from abnormal heating condition.

Usually be used in iron.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC, 10A (Resistive loading)
Maximum rated temperature	260°C
Maximum ambient temperature	T300°C
Thermo-fuse temperature rating	240°C, 220°C, 196°C, etc.
Endurance	100,000 cycles
Hi-pot	1500V AC 1 min
Safety Compliance	UL/CUL/RoHS/REACH

■ 901X—F

The F series is a snap-type thermostat with thermal cut-out built integrally. In normal circumstance, the thermostat serves as an adjustable temperature device. While ambient temperature exceeds the safety setting, the thermal cut-out will open and cut off the power to protect the device. It has been commonly used many small electrical appliance, such as steam iron, skillet, grill, and oven.

■ SPECIFICATION

Electrical Rating	250V AC, 10A (Resistive loading)
Maximum rated temperature	230°C
Thermal Cut-out Rating Temperature	240°C, 220°C, 196°C, ... etc
Maximum Ambient Temperature	T300°C
Endurance Specification	100,000 cycles
Hi-Voltage Specification	2500VAC, 1 minute
Insulation Resistance	100M Ohm, 500VDC
Safety Compliance applying	VDE/CB/CE/RoHS/REACH





Details

▪ MA331/331F

Both MA331 and MA331-F series are slow “make-&- break” type thermostat. It provides precise temperature control with small temperature fluctuation. The thermostat can have positive “Off” setting. MA331-F has built-in thermo-fuse, which cut off the power and protect the unit from any abnormal over-heating condition.

It is widely used in Steam Iron, Oven, Grill, Waffle-maker, ...etc.

▪ SPECIFICATION

Rating	125VAC 15A (Resistive loading)
Maximum Rated Temperature	250°C
Endurance	100,000 cycles
Hi-pot	1500V , 1 min.
Insulation resistance	10M-Ohm, 500V DC
Safety Compliance	UL/CUL/RoHS/REACH



Details

▪ 901B-R

Device bears temperature compensation feature so that it can precisely control temperature and minimize temperature fluctuation.

Has been widely applied in oven, roaster, skillet and deep fryer.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC, 10A
Maximum rated temperature	260°C
Endurance	100,000 cycles
Hi-pot	1500V AC 1 min
Safety Compliance	UL /CUL/RoHS/REACH



Details

▪ SA-911

Device bears temperature compensation feature so that it can precisely control temperature and minimize temperature fluctuation.

Has been widely applied in oven , roaster, skillet and deep fryer.

▪ SPECIFICATION

Rating	125V AC, 12A / 250V AC, 10A (Resistive loading)
Maximum rated temperature	220°C
Maximum ambient temperature	T240°C
Endurance	100,000 cycles
Hi-pot	2500VAC 1min
Safety Compliance	VDE/CQC/CB/CE/RoHS/REACH



Details

▪ MB-210

It provides precise temperature control and smaller temperature fluctuation. Can be used for both thermo-protection or ambient temperature control.

Has been widely applied in window fan, fan heater, Paraffin bath and slow cooker.

▪ SPECIFICATION

Rating	125VAC 1A / 250VAC 0.5A (Inductive loading)
	125VAC 15A (Resistive loading)
Maximum Rated Temperature	60°C
	250°C
Maximum ambient temperature	T300°C
	T300°C
Endurance	30,000 cycles
	100,000 cycles
Hi-pot	1500VAC 1min
	1500VAC 1min
Safety Compliance	UL/CUL/RoHS/REACH
	N/A



Details

▪ SD-010

An On/Off switch which design for cutting off the power supply to the device when the device tips over from its normal position.

Has been widely used in fan heater, and electrical fan.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC,16A (Resistive loading)
Maximum ambient temperature	130°C
Endurance	10,000 cycles
Hi-pot	1500VAC 1min
Safety Compliance	UL/CUL/VDE/CB/CE/RoHS/ REACH



Details

▪ FD-101

Switch with tipping feature

The switch equips with a metal pendulum which swings. When the switch is tipping to one side, the pendulum swings and opens the switch to cut off the power. It has been applied in many products to turn off the unit when it is being tilted or fall down. It serves as a safety device in product likes Fan Heater, Fan, Heater, Oven,etc.

▪ SPECIFICATION

Rating	125V AC,15A/12 A, 250V AC (Resistive loading)
Endurance	6,000 cycles
Hi-pot	2500VAC 1min
Safety Compliance	UL/CUL/VDE/CB/CE/RoHS/REACH



Details

▪ MB-230T

Slow Make-&-Break Thermostat always suit for precise temperature control application. The built-in tip-over On/Off feature can cut off power supply to the device when the device is tip-over from its normal position.

Has been widely applied in fan heater, oil-filled heater, and electrical fan.

▪ SPECIFICATION

Rating	125VAC 15A (Resistive loading)
Maximum rated temperature	130°C
Endurance	6,000 cycles
Hi-pot	1500VAC 1min
Safety Compliance	UL/CUL/RoHS/REACH



Details

▪ ST-350

Special Snap-type thermostat designed for precise temperature control, minimum temperature fluctuation and protection against any EMC interference. It bears temperature-compensation feature and large current application. Its plastic casing provides fuse mounting location.

Has been widely applied in fan heater, and convection heater.

▪ SPECIFICATION

Rating	125V AC, 15A /250V AC, 16A(Resistive loading)
Maximum rated temperature	90°C
Maximum ambient temperature	T90°C
Endurance	100,000 cycles
Hi-pot	2500V AC 1 min
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

▪ ST-360

This series is an “adjustable snap-type thermostat. It has fast response to temperature change and can carry heavy electrical current loading. Its response to temperature change is independent to amount of current loading. Shaft can be rotated 360°freely.

RS-A rotary switch can be mounted on top of the ST-360 so that using one shaft can control the temperature and heat-setting at the same time.

It has been widely applied in Fan-heater, Oil- filled Heater, etc.

▪ SPECIFICATION

Rating	16A, 250V (Resistive loading)
Maximum rated temperature	90°C
Maximum ambient temperature	T90°C
Endurance	100,000 cycles
Hi-pot	2500V AC 1 min
Safety Compliance	UL/CUL/VDE/CB/CE/RoHS/REACH



Details

▪ AU6

The series is small “slow make-&-break” type thermostat. The whole thermostat is sealed. Very small in size and easy to be mounted. It has fast response to ambient temperature change.

It has been widely applied in heating pad, health-care product, electric motor, electric transformer.

▪ SPECIFICATION

Electrical Rating	125V AC, 2A (Resistive loading)
Maximum Temperature	90°C
Endurance	60,000 cycles.
Safety Compliance	UL/CUL/RoHS/REACH



Details

▪ AUT

Thermostat has quick response to temperature change and can be auto reseted. Bi-metal does not carry electrical current so that there is no self-heating effect.

Has been widely applied in hair dryer, fan heater, lighting, bonnet dryer and slow cooker.

▪ SPECIFICATION

Rating	125VAC / 250VAC 16A (Resistive loading)
Maximum rated temperature	130°C(UL & CUL) 150°C(VDE)
Tolerance	±5°C or ±7°C
Endurance	10,000 cycles
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

▪ AUT-P

thermostat control with PTC

Basically AUT-XXX series thermostat is installed with PTC pellet to provide a manual reset feature.

User has to unplug the unit to cut off power supply so as to make the thermostat reset.

Has been widely applied in fan heater and heater.

▪ SPECIFICATION

Rating	125VAC / 250VAC 16A (Resistive loading)
Maximum rated temperature	130°C(UL & CUL) 150°C(VDE)
Tolerance	±5°C or ±7°C
Endurance	10,000 cycles
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH
Patent Number	ZL 2004 2 0046361.1



Details

▪ AU8

This calibrated auto-reset thermostat reacts to the ambient precisely. It carries a bi-metal piece, which stays on top of the thermostat. This gives a fast response to the change of ambient temperature. This has been widely applied in electrical appliance such as Hair Dryer, personal grooming appliance, lighting equipment ... etc.

▪ SPECIFICATION

Electrical Rating	250VAC 16A (VDE & CQC)(Resistive loading)
	250VAC 10A/125VAC 16A (UL & CUL) (Resistive loading)
Maximum rated temperature	150°C
Maximum ambient temperature	T170°C
Endurance	10,000 cycles
Safety Approval	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

■ AU81/81P

This thermal-protector is a snap-action type thermostat. It delivers protection in faulty condition in small package. It provides precise and consistent temperature control with minimum EMC interference. AU81 series is Auto-reset type, while AU81-P is Manual-reset type. The thermostat has option of an insulation Sleeve. It has been widely applied in motors, and household electrical appliance.

■ SPECIFICATION

Rating	125VAC 8A (Resistive loading)
	250VAC 15A (VDE) (Resistive loading)
	125VAC 8A (UL & CUL) (Resistive loading)
Maximum rated temperature	130°C
	150°C
Maximum ambient temperature	N/A
Endurance	10,000 cycles
	10,000 cycles(VDE)
	6,000 cycles(UL & CUL)
Hi-pot	N/A
	N/A
Safety Compliance	UL/CUL/RoHS/REACH
	UL/CUL/VDE/CB/CE/RoHS/REACH

TC-301/301P

This series of thermo-control device is snap-type thermostat. It consists of a thermo-disc sitting on a ceramic bracket. Shape of disc changes according to the ambient temperature and turns the thermostat ON-&-Off.

It has the merit of precise temperature control and can be applied in high temperature ambient. There is no electric current passing through the thermo-disc so that current loading will not affect the temperature control performance. It has been widely applied in cooking appliance and heating appliance.

SPECIFICATION

Rating	250V AC, 10A (Resistive loading)
Maximum Temperature	230°C
Maximum ambient temperature	N/A
Endurance	TC-301 Series : 30,000 cycles (16A) 100,000 cycles (10A)
	TC-301P Series : 10,000 cycles (16A)
Hi-pot	2500VAC 1min
Safety Compliance	VDE/CB/CE/RoHS/REACH



TC308/308P

This calibrated thermostat is a snap-type thermostat. It carries a bi-metal disc inside the housing. Electrical current does not flow through the bi-metal disc which does not have any self-heating effect. Two versions - normal-open and normal-close, are available. Has been widely applied in cooking appliance, heating appliance, and various electrical appliance.

TC308 is an auto-reset thermostat.

TC308-P is a manual-reset thermostat. It carries a PTC pellet. When the thermostat opens, the PTC pellet will be heated up to keep the thermostat at its open-status, until the power input is unplugged.

SPECIFICATION

Electrical Rating	250V AC 16A (Resistive loading)
Maximum Temperature Rating	160°C
Maximum ambient temperature	N/A
Endurance	10,000 cycles
Degree of Protection	IP30
Hi-pot	N/A
Approval	VDE/CB/CE/RoHS/REACH





Details

▪ LE501-G

This is an auto-reset capillary type thermostat. Area where temperature needed to be monitored can be located far away from the thermostat, and connected by the capillary tube. It reacts quickly and precisely to the change of ambient temperature. It can carries large electrical loading. Has been widely applied in convection heater, fan heat er, and many heating appliance.

▪ SPECIFICATION

Rating	125VAC / 250VAC 16A (Resistive loading)
Maximum Temperature Rating	35°C
Maximum ambient temperature	T90°C
Endurance	100,000 cycles
Degree of Protection	IP20
Insulation Class	N/A
Safety Approval	VDE/CB/CE/RoHS/REACH



Details

▪ SA-915

Detachable temperature control probe bears a stainless steel probe to sense temperature of heat plate.

Precise temperature control and minimize EMC interference.

Has been widely applied in oven, roaster, skillet and deep fryer.

▪ SPECIFICATION

Rating	125V AC, 15A / 250V AC, 10A (Resistive loading)
Maximum rated temperature	250°C
Endurance	100,000 cycles
Hi-pot	1500V AC 1 min /2500VAC 1 min
Safety Compliance	UL/CUL/VDE/CQC/CB/CE/RoHS/REACH



Details

▪ TP-010/020

Thermal probe consists of both temperature control unit, and detachable cord set for safety and storage.

The probe is inserted into cooking device to control temperature of cooking surface. When cleaning the cooking device, thermal probe can be pull off.

Has been widely be used in grill, fry pan, deep fryer, wok, etc.

▪ SPECIFICATION

Rating	120VAC 1600W/1800W (Resistive loading)
Maximum ambient temperature	T150°C
Maximum rated temperature of sensing part	250°C
Endurance	100,000 cycles
Hi-pot	1500V AC 1 min
Safety Compliance	UL / CUL



Details

▪ MTP-010/020

The thermal probe comes with magnetic socket MDP -2 / MDP-4 One end of the probe is inserted into cooking device to control temperature, while the other end is plugged with magnetic socket. When the power cord is being pull, the socket will detached from the probe and prevent the unit from being toppling.

It has been widely used in BBQ grill, Oil Deep Fryer, Skillet, Griddle, ...etc.

▪ SPECIFICATION

Rating	120VAC 1600W (Resistive loading)
Maximum rated temperature of the sensing part	250°C
Maximum ambient temperature	T150°C
Endurance	100,000 cycles
Hi-pot	1500V AC , 1 min
Insulation resistance	100 M-Ohm, 500V DC
Safety Compliance	UL/CUL



Details

▪ MDB/MDP-2

The Magnetic Appliance Plug is a power plug that fits into the corresponding magnetic plug-type temperature controllers or to MDB-2 appliance inlets to provide power to electrical devices. This plug employs magnetic actuation to maintain a regular electrical circuit under normal operating conditions and easy disconnection to prevent the appliance from falling down or toppling over when the cord is tripped by accident. It is widely used in cooking ware and electrical heating devices, including deep fryers, electric kettles, baking ware, and cooking pots.

▪ SPECIFICATION

Rating	120 V AC,15A (Resistive loading)
Power Cord	HPN, 105oC, 16 AWG,
Hi-pot	1500V AC 1 minute
Safety Compliance	UL /CUL



Details

▪ ATC-26

▪ SPECIFICATION

Rating	277VAC 22A(Resistive loading) 240VAC 10A(Inductive loading)
Maximum Temperature	80°C
Maximum ambient temperature	N/A
Endurance	30,000 cycles
Hi-pot	N/A
Safety Compliance	UL/CUL/RoHS/REACH