

KSD-01F/10F/6F/07F/2SF Series Thermostat

KSD-01F Thermostat

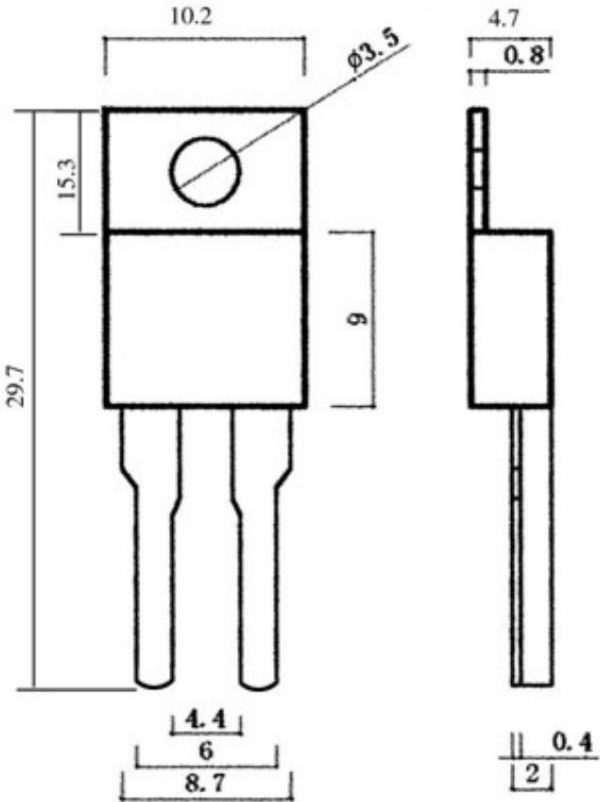
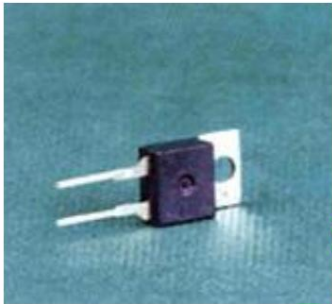
System tactile thermostat. Sensitive and reliable. Suitable for circuit boards, etc. for temperature control or thermal overload protection.

1. Conditions of Use

- Relative humidity: 95% at +20°C
- Atmospheric pressure: 86-106Kpa
- Working position: any

2. technical parameter

- Point form: 1D or 1H
- Contact load: 220VAC 1.5A or 24VDC 1.5A
- Insulation resistance: normal temperature and humidity 50MΩ
- Contact resistance: 100 mΩ
- Dielectric strength: 500VAC single width 0.35mm
- Weight < 2g



3. Specification Data Sheet

Operating temperature (°C)	Operating temperature error (°C)	Recovery temperature (°C)	Test heating and cooling speed (°C/min)	Remark
30-100	±5	10-30	5-10	The recovery temperature in the table refers to low at operating temperature
105-150	±6	20-50	5-10	

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KSD-10F, KSD-07F ultra-small thermostat

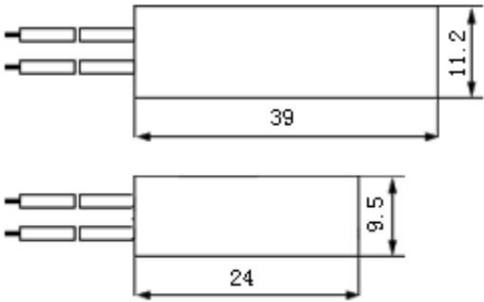
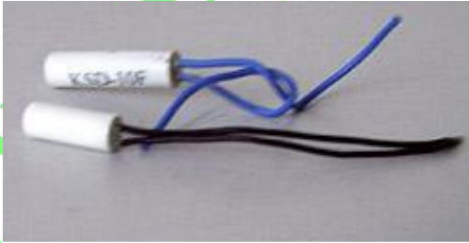
It is an immersion temperature-sensing temperature control port, which adopts a ceramic shell, and the lead wire is sealed with epoxy resin. It is safe and reliable. It is suitable for immersion in liquid temperature sensing.

control or thermal overload protection.

- technical parameter:
- 1: Contact form: 1D or 11+
 - 2: Contact load: 220VAC15A(5A) or 24v2C 15A(5A)
 - 3: Insulation resistance: normal temperature and humidity $\geq 100M$
 - 4: Contact resistance: $\leq 100m$
 - 5: Medium withstand voltage $\geq 1200VAC$
 - 6: Vibration intensity: 50HZ single width 0.35mm
 - 7: Impact strength: 150m/S2
 - 8: Weight: $\leq 13g$
 - 9. Working position: any

Operating temperature °C	Operating temperature error \bar{y}	Recovery temperature °C	Test temperature difference \bar{y}/min
-5-90	± 5	10-30	5-10
100-160	± 5	15-50	5-10

Note: The recovery humidity in the table refers to lower than the operating temperature range



KSD-01F/10F/6F/07F/2SF Series Thermostat

KSD-2SF Micro Humidity Controller

The system touch-sensitive temperature micro-thermostat adopts ceramic or metal shell and epoxy seal at the lead wire, which is safe and reliable, small in size, suitable for buried or surface contact temperature control.

Suitable for motors, medical equipment, etc.

1. Conditions of Use

- Ambient humidity: -25 - +125
- Relative humidity: 95% under +200C environment
- Atmospheric pressure 86-106Kpa
- Working position: any

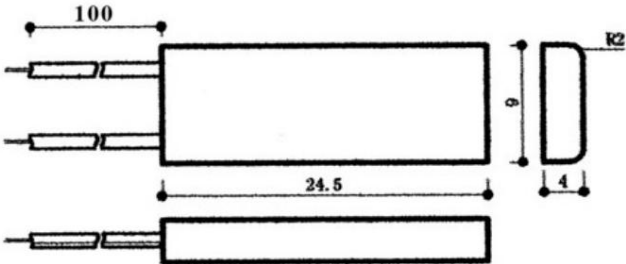
2. technical parameter

- Contact form: 1D or 1H (limited to automatic reset)
- Contact load: 220VAC 3A or 24VDC 3A
- Dielectric strength: 1000VAC
- Insulation resistance: 100M
- Contact resistance: 100 m
- Vibration intensity: 50HZ single width 0.35mm
- Impact strength: 150m/S2
- Weight: < 3g

3. Specification Data Sheet

Operating temperature (y)	Operating temperature error (y)	Recovery temperature (y)	Test heating and cooling speed (y/min)
20-95	±5	10-30	5-10
100-160	±5	15-50	5-10

4. Installation size and shape



KSD-01F/10F/6F/07F/2SF Series Thermostat

KSD-6F Ultra Small Thermostat

The system touch-sensitive quick-action thermostat is divided into automatic reset (KSD-6F, KSD-6FH) and manual reset (KSD-6FS) in order to meet the needs of different users and work modes.

There are active and combined methods. The width of the connection terminals are 6.3mm, 4.8mm, 3.2mm flat feet, 45°C bent feet, 90°C bent feet, etc. This product is mainly used for electrical equipment and home

For thermal overload protection in electrical appliances. Such as: drinking fountains, disinfection cabinets, showers, dryers, medical equipment, etc.

1. Conditions of Use

• Relative humidity is 95% under +20°C environment

• Atmospheric pressure 86-106Kpa • Working

position: any

2. technical parameter

• Contact form: 1D or 1H (limited to automatic reset)

• Contact load: 220VAC 10A 3A 8A or 24VDC 10A 3A 8A • Insulation resistance:

normal temperature and humidity • 100MΩ

• Contact resistance: • 100 mΩ

• Dielectric withstand voltage:

• 1500VAC • Vibration strength: 50HZ single

width 0.35mm • Impact strength: 150m/S²

• Weight 10g



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3. Specification Data Sheet

Reset method	operating temperature (°C)	Operating temperature error (°C)	return temperature (°C)	Test the heating and cooling speed (°C/min)	Remark
Automatic reset	45-110	±5	10-40	5-10	The response temperature in the table Degree refers to lower than action temperature
	120-150		15-50		
	165-220	±10	20-70	7-15	
Manual reset	45-110	±5	40% temperature drop or at 5 minutes in the environment back button	5-10	Allow below 0°C automatic response
	120-150				
		±10		7-15	Allow below 5°C

4. Installation size and shape

