STC-3008 Dual Digital Temperature Controller Two Relay Output DC12V DC 24V AC220V Thermoregulator Thermostat With Heater Cooler

DC12V
DC24V
AC110V/AC220V

Description:

Alarm when temperature exceeds
temperature limit or when sensor error.

Refrigerating control output delay protection;

Temperature calibration;

Control temperature by setting the temperature setting value and the difference value;

Switch the modes between cool and heat;

Technical Parameters:

Storage temperature: -30-75 Celsius

Ambient temperature: 0-60 Celsius

Relay contact capacity: Cool (10A/240VAC); Heat (10A/240VAC)

Sensor: NTC sensor

Power consumption: <3w

Power supply: DC 12V DC 24V AC 110-220V

Sensor error delay: 1 minute

Accuracy: 0.1 Celsius

Temperature measuring range: -55-120 Celsius

How to restore factory Settings

Press the "Down 1" and "Down 2" button at the same time, the factory setting is restored

Press the button once to display the stop temperature. Long press the button for about 3 seconds and the stop temperature number flashes. The required temperature can be set by the up and down keys

Set the stop temperature:

Press the "up" button once to display the starting temperature. Long press the "up" button for about 3 seconds,The required temperature can be set by the up and down keys
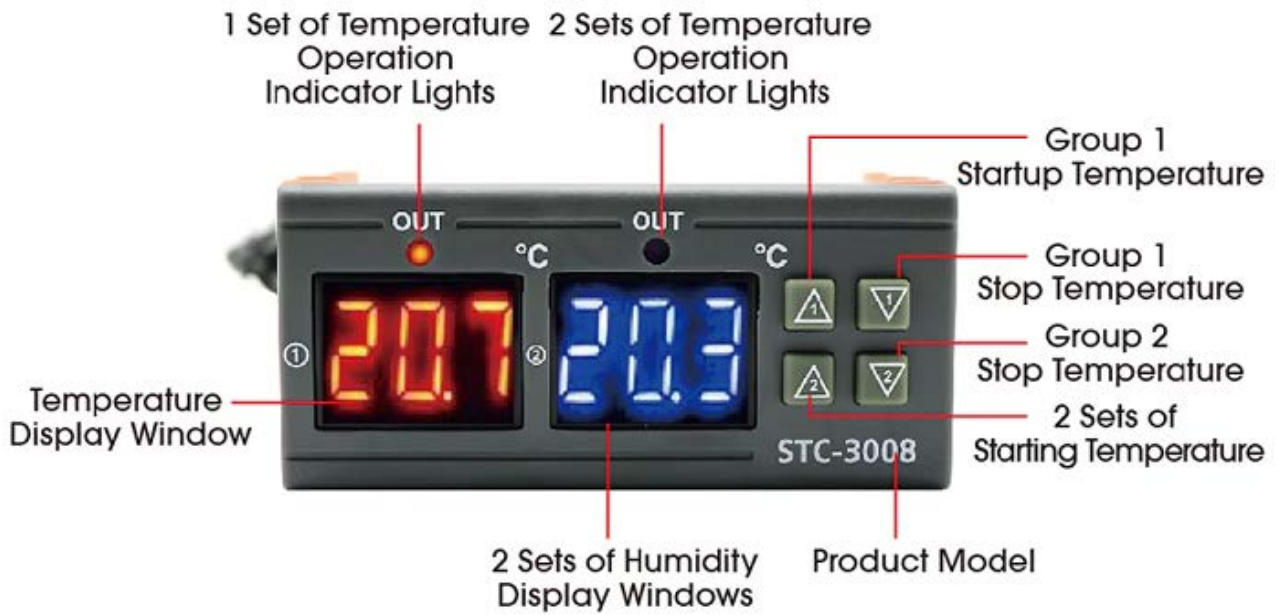
Set start up temperature:

Code	Function	Set Range	Default
P0	Compressor 1 delay time	0-60min	0min
P1	Compressor 2 delay time	0-60min	0min
P2	High temperature alarm value	55-120 ° C	120 ° C
P3	Low temperature alarm value	55-120 ° C	-55 ° C

Press "Up 1" Button & "Up 2"Button at the same time to setting mode

Model : STC-3008
Power Supply : 110-220VAC ± 10%, 50/60hz (Or Dc12v/dc24v)
Measurement And Control Temperature Range : -55 ℃ ~ +120℃
Resolution : 0.1
Accuracy : ± 1℃
Relay Output Contact Capacity: Heating : 10A/240VAC, Cooling: 10A/240VAC
Sensor H Type : Imported Ntc Sensor, Wire Length 1m
Shell Material : Grey Abs Flame Retardant Plastic Shell
Product Size : 75m*85mm*35m
Line Length : 1m

1 Set of Temperature Operation Indicator Lights

2 Sets of Temperature Operation Indicator Lights

Group 1 Startup Temperature

Group 1 Stop Temperature

Group 2 Stop Temperature

2 Sets of Starting Temperature

Temperature Display Window

STC-3008

2 Sets of Humidity Display Windows

Product Model

Temperature Setting Method

Press ⚠ 3 seconds, the first group of startup temperature value flashes (default 25 degrees), press the plus and minus keys to adjust, Press ▽ 3 seconds,Stop the temperature value flashing (default 40 degrees), press the plus or minus keys to adjust.

Press ⚠ 3 seconds, the second group of startup temperature values will flash (default 25 degrees), press the plus and minus keys to adjust, Press ▽ 3 seconds,Stop the temperature value flashing (default 40 degrees), press the plus or minus keys to adjust.

Press simultaneously ⚠ ⚠ 3 seconds, enter the setting mode, display PO, the first group of temperature delay, Press ⚠ ▽ to adjust ,0-60 minutes, default 0, after adjustment, press ⚠ enter P1, the first two temperature delays , press ⚠ ▽ to adjust, 0-60 minutes, default 0, after adjustment, press ⚠ enter P2, high temperature alarm function, default 120 degrees, press ⚠ ▽ to adjust, after adjustment, press ⚠ enter P3, low temperature alarm, default -55 degrees, press ⚠ ▽ to adjust, adjust Automatically exit after 1 second.

Press simultaneously ▽ ▽ 3 seconds to restore factory settings.

Setting Example

Temperature Heating Setting Description

25.0 < **30.0** → 🔥

Starting Temperature — Stop Temperature — Heating

Press The △1 Key Once To Display The Starting Temperature. Press And Hold The △1 Key For About 3 Seconds To Flash The Starting Temperature. 25 ℃ Can Be Set By Pressing The ▽1 Key ▽1

Press The ▽1 Key Once To Display The Stop Temperature, Long Press The ▽1 Key For About 3 Seconds To Stop The Temperature Flashing, And 30 ℃ Can Be Set By The △1 ▽1 Key

Temperature Refrigeration Setting Description

30.0 > **25.0** → 🧊

Starting Temperature — Stop Temperature — Refrigeration

Press The △1 Key Once To Display The Starting Temperature. Press And Hold The △1 Key For About 3 Seconds To Flash The Starting Temperature. 30 ℃ Can Be Set By Pressing The ▽1 Key ▽1

Press The ▽1 Key Once To Display The Stop Temperature, Long Press The ▽1 Key For About 3 Seconds To Stop The Temperature Flashing, And 25 ℃ Can Be Set By The △1 ▽1 Key

Set Startup Temperature

Press The "Up" Key Once To Display The Starting Temperature. Press The Up Key For About 3 Seconds. Press The "Up" And "Down" Keys To Set The Required Temperature.

Set Stop Temperature:

Press The Button To Display The Stop Temperature. Press The Button For About 3 Seconds To Stop The Temperature Digital Flashing. The Required Temperature Can Be Set With The Up And Down Keys.

Press The "Up 1" Key And The "Up 2" Key At The Same Time To Set The Mode Code Function Setting Range Default Value.
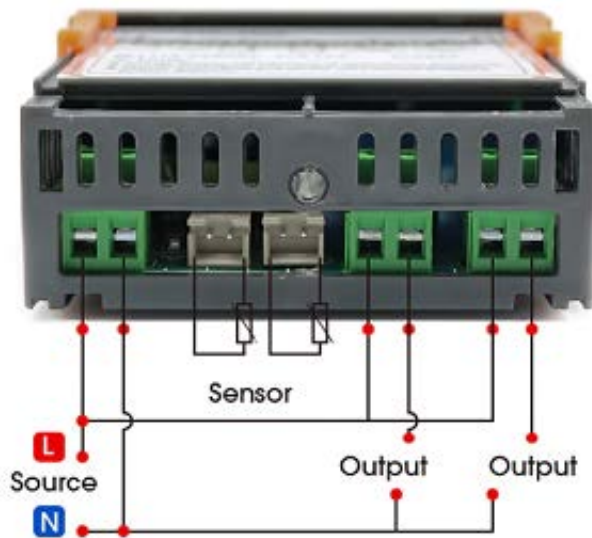
Time Delay Of Knitting Machine 1 0-60 Min 0 Min
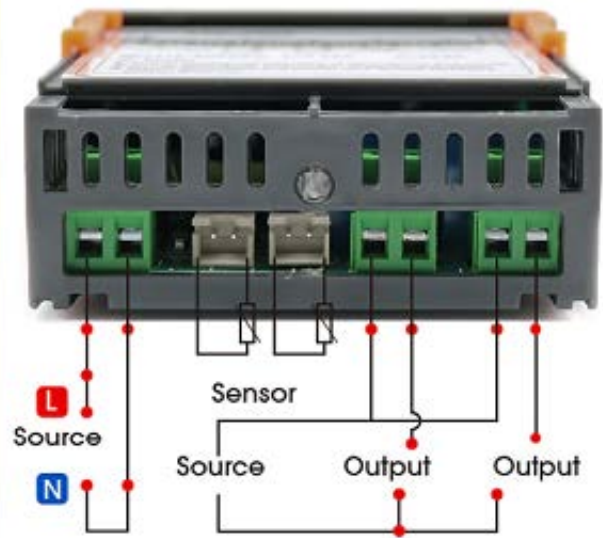
P1: Compressor Delay Time 0-60min0min
P2: High Temperature Alarm Value 55-120 ℃, 120 ℃
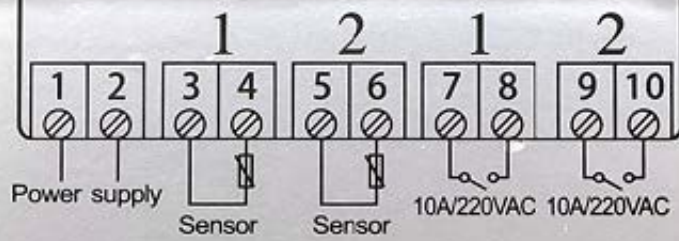P3: Low Temperature Alarm Value 55-120 ℃, 55 ℃

Product Wiring Method

Wiring 1
Independent Load
Power Supply

Wiring 2
Independent Load
Power Supply

STC-3008

		1		2		1		2	
1	2	3	4	5	6	7	8	9	10

Power supply   Sensor   Sensor   10A/220VAC 10A/220VAC

☑ 110-220VAC   ☐ 12V   ☐ 24V

⚠ Note:
★ Strictly distinguish interface of relay,sensor and power.
★ Strictly distinguish connection of sensor and power.
★ Sebsor down-lead and power wire should be kept a
   proper distance.