W1411 AC110V-220V DC 12V 10A LED Digital Temperature Controller Thermostat Control Switch Sensor For Greenhouses Aquatic Animal

This product adopts a single-chip
microcomputer control system and a high-
precision temperature control probe, and its
temperature control performance is significantly better than similar products.Humanized design of
three windows, real-time display of start and end values. With intermittent work, timing switch
function, etc.

Parameter:

Product Name: Intelligent Digital Display Thermostat

Item model number: W1411

Temperature measurement range: -55-120 degrees

Temperature measurement accuracy: ±0.3°C

Temperature control range: -19-99°C

Control accuracy: 1°C

Temperature probe: NTC10K (standard 1 meter waterproof probe)

Supply voltage: DC12V/DC24V/AC110-220V

Applicable environment: -25-55°C Humidity 20%-80% (non-condensing)

Output type: 10A relay output

Instructions for use

1. When using a simple thermostat, set an opening temperature and a closing temperature. reach set temperature

on or off,

In order to achieve a constant temperature effect, there are two temperature control methods: heating and cooling

The heating mode refers to the heated product, which is turned on below the start temperature and turned off above the stop temperature.

Refrigeration method With cooling and cooling equipment, such as fan air conditioner, etc., higher than the opening temperature to open, lower than the stop temperature

closure.

Setting range:
-19-99 degrees, display accuracy 1 degree

2. It can be used directly as a timer, and has the function of intermittent switch: it means that the device is turned on for a period of time and turned off for a period of time.

ask, then open, close,

Cycle all the time, setting range: 1-99 minutes (function F1)

3. Can be used directly as a timer, with countdown and shutdown functions

If the set time is exceeded, it will be turned off after running to the set time. Setting range: 1-99 hours and 59 minutes (function F2)

4. It can be used directly at the scheduled time, and has the function of making an appointment to start the machine.

That means setting the time and turning it on when the time is up. The setting range is from 1 minute to 99 hours and 59 minutes.

(function F3)

The timing function has nothing to do with temperature control. The temperature can be controlled by directly setting the switch temperature without timing.

Product Size

Opening Size

Product Name: Intelligent Digital Display Thermostat

Item Model number: W1411

Temperature Measurement Range: -55-120 degrees

Temperature Measurement accuracy: ±0.3° C

Temperature Control range: -19-99° C

Control Accuracy: 1° C

Temperature Probe: NTC1OK (1M waterproof probe)

Supply Voltage: DC12V/DC24V/220V

Applicable Environment:

-25-55° C Humidity 20%-80% (non-condensing)

Output Type: 10A relay output

General Wiring Diagram of 12V/24V/220V

Output Positive
Stage

Output Negative
Stage

Input Negative
Stage

Input Positive
Stage

1. Temperature Control Mode
2. Intermittent Work
3. Make An Appointment To Start Up
4. Make An Appointment To Shut Down

Panel Description

Starting Temperature   Detection Temperature   Stop Temperature

Start Status Indicator

Stop Status Indicator

Real Time Temperature

启动/小时   分钟/停止

启动温度   设置   关闭温度

SET

W1411

Setting Description: If The Temperature Is In The Range After Power On, Start The Output Immediately And Disconnect At The Stop Value

Function Description

Up Button   Down Button   SET Function Switch / on / off Key

Function Description

In The Power On State, Long Press The Set Key For 3 Seconds To Switch The Machine On And Off. If It Is Powered Off After Shutdown, It Will Remain In The Power Off State When Powered On Again. In The Power Off State, Press The Set Key Once To Start The Machine. If It Is Powered Off After Startup, It Will Remain In The Power On State When Powered On Again. During Normal Use, Press The Set Key Once To Carry Out F-1 (Intermittent Work), F-2 (Timed Shutdown), F-3 (Timed Startup), Function Switching (F1-F3 Is An Additional Function Used, Which Has Nothing To Do With The Setting Of Temperature Control, And Can Be Used If It Is Not Needed)

F-1	Intermittent Work Left Start Minute Setting Right Stop Minute Setting
F-2	Timed Shutdown Left Hour, Right Minute Up To 99 Hours And 59 Minutes Can Be Set
F-3	Timed Power On Left Hour, Right Minute Up To 9 Hours And 59 Minutes Can Be Set

Temperature Correction

Unplug The Thermostat , Press And Hold The St Key To Power On, Enter The Temperature Correction Function, The Screen Displays --000--, And The Temperature Can Be Increased Or Decreased Based On The Temperature Before Correction. The Maximum Range Is -9.9 ℃ -99 ℃. After Correction, The Real-Time Temperature = Temperature Value Before Correction + Correction Value

Self Checking Function

Press And Hold The Left Start Temperature Setting Key [icon] [icon] At The Same Time, And Then Power On To Enter The Self-Test Function

Restore Factory Settings

At The Same Time, Press And Hold The Right Stop Temperature Setting Button [icon] [icon] Keep Your Hand Tight, Then Power On And Start The Machine, The Screen Displays 88-888-88, The Buzzer Rings For A Long Time, And The Factory Setting Is Restored

Automatic Judgment Of Heating And Cooling Mode

Start Temperature < Stop Temperature = Heating Mode

For Example, I Want To Control The Burning Of Hot Water
Stop Heating When It Reaches 60 ℃, And Then Start Heating Again When The Temperature Drops To 45℃

Setting Method:
Set The Starting Temperature To 45 Degrees And The Stopping Temperature To 60 Degrees,
The Setting Test Is Shown In The Right Figure
Heating Products, Such As Ceramic Lamps, Heating Wires, Electric Heating And Floor Heating, All Use This Mode.

Start Temperature > Stop Temperature = Cooling Mode

For Example, I Want To Control The Heat Dissipation Of The Greenhouse

When The Temperature Is Higher Than 35 ℃, Start The Ventilator And Stop When It Drops To 32 ℃.
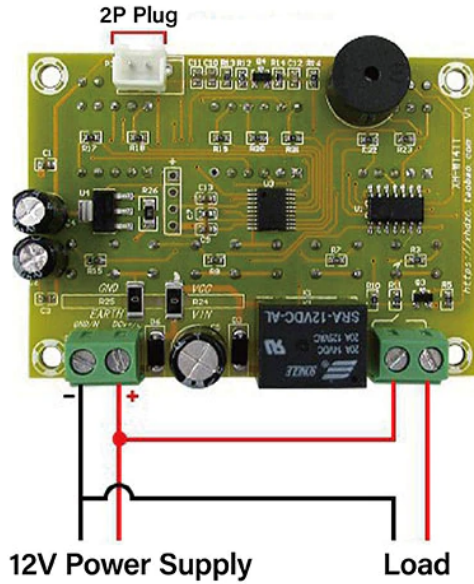
Setting Method:

Set The Start Temperature To 35 ℃, And The Stop Temperature To 32 ℃, As Shown In The Right Figure. This Mode Is Used For Cooling Products, Such As Fans, Air Conditioners And Refrigerators
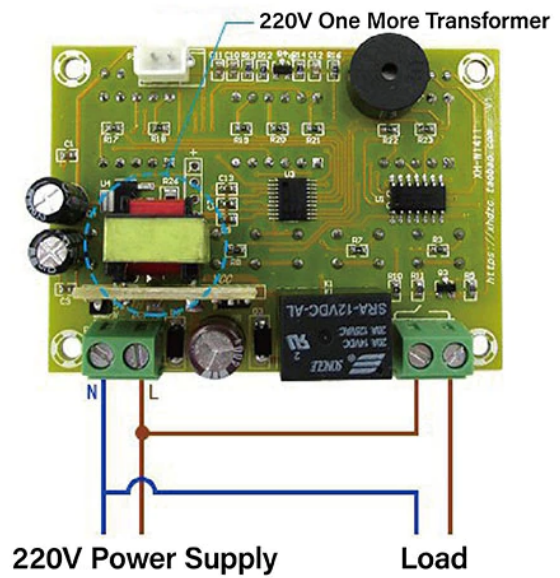
Wiring Diagram

12V Wiring Mode

2P Plug

- +

12V Power Supply   Load

220V Wiring Mode

220V One More Transformer

N   L

220V Power Supply   Load

Note:

The 12V/120V Wiring Mode Is Actually The Same. 12V Wiring Needs To Distinguish Between Positive And Negative Poles, 220V Wiring Needs To Distinguish Between Live Line (L) And Neutral Line (N)

Applicable Environment

测温范围:-50~120℃
测量精度:±0.3
测量输入:NTC10K
继电器输出:10A
时间控制模式：闪烁式，定时开机，定时关机
外壳尺寸:76*55*31mm

1411功能说明

控温范围:-19~99℃
控温精度:0.1℃
输出类型:开关输出
数据保存:有

传感器
12V ☐   24V ☐   110-220V ☑

输出   输入   输出   传感器