

DC 12V Relay Controller Soil Moisture Humidity Sensor Module Automatic Watering System.

Module: FC-50

- Feature:**
1. Using high-quality soil sensors do detect soil moisture, the surface of nickel plated , has widened the induction area can improve conductivity, prevent contact with the soil rust problems and prolong life;
 2. When two products can control a wide range of soil moisture, the corresponding threshold by adjusting potentiometer control, humidity is below the set value, start relay, while higher than the set value, the relay is disconnected;
 3. Products with the delay function, delay of 3-5 seconds, when the humidity is detected in the critical state, the relay will not blink, flicker occurs;
 4. High-quality products using Songle relay can withstand 1500W load, to meet the requirements of most people;
 5. Products with power indicator

Specifications:

Supply voltage: 12VDC
 Input current: More than 100ma
 Load: 250V 10A AC or 30V 10A DC (below current in this range can be used)

Module for use:

Sensor for detecting moisture in the soil;
 Module is the blue potentiometer to adjust the threshold for soil moisture , clockwise adjustment, control humidity will be bigger, smaller counter-clockwise;
 Due to the module with delay function in the regulation of humidity values, adjusted once every 5-8 seconds to wait around to see if changes in the relay, the green LED lights also have a corresponding change until transferred to meet the requirement.
 Product wiring information , refer to the picture below.

Notice: Due to the difference between different monitors, the picture may not reflect the actual color of the item.
 Please allow 1-5mm error due to manual measurement. Thanks!

NC circuit diagram

