

Temperature Humidity Digital Controller STC-3028 12V



Features:

The STC-3028 12V digital controller enables precise regulation of temperature and humidity using separate relay outputs. With the ability to control refrigeration, heating, humidification, and dehumidification simultaneously, it offers excellent flexibility for automation projects. The unit features a dual display for monitoring real-time and target values, calibration support, and simple setup. Compact and reliable, it is ideal for controlled environments such as aquariums, incubators, and HVAC systems.

Specifications	
Power Supply	DC 12V
Temperature Control Range	0°C to +80°C
Humidity Control Range	0%RH to 100%RH
Accuracy	±1°C / 0.1%RH
Relay Output Capacity	10A / 240VAC
Sensor	Type: Integrated Temp & Humidity Sensor
Dimensions	7.5 x 7 x 3 cm
Weight	100 g
Usage	Temperature and humidity management in incubators, HVAC, aquariums, and automation systems

Dimensions:



Functions:

Function	Condition	
Heating	Start Temperature	< Stop Temperature
Cooling	Start Temperature	> Stop Temperature
Humidification	Start Humidity	< Stop Humidity
Dehumidification	Start Humidity	> Stop Humidity

Wiring:

