



Humidity And Temperature Controller for Egg Incubators

## N323 RHT Egg Incubator



**N323RHT Egg Incubator** is an electronic controller for temperature and humidity for automatic egg incubator machines. It has three relay-type outputs that may be used for the required functions for the incubator control. The typical output functions are heater or lamp, spray humidifier and egg roll engine. The controller accepts a humidity and temperature probe. It is protected by a polyamide capsule and has 3-meter cable.

The controller is a very robust device and perform high precision of control. It is fully configurable and can be adapted to any type of egg incubator machine.



### Product Highlights

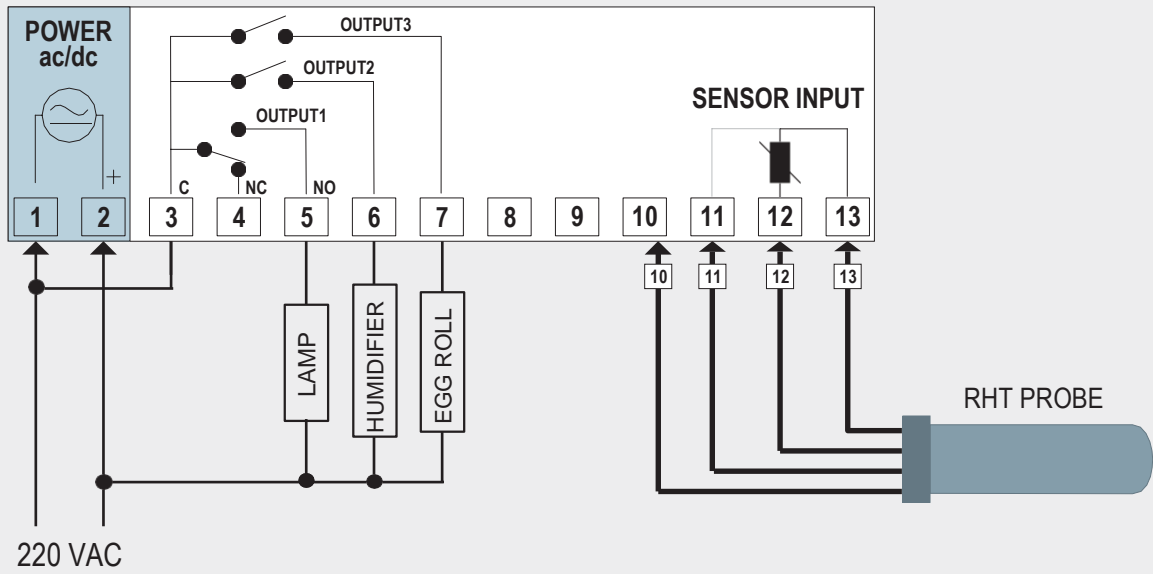
- Humidity and temperature control
- Egg rolling cycle timing control
- Easy parameters configuration
- High precision and resolution

### Technical Characteristics

- Measuring ranges:
  - Relative Humidity: 0 to 100%
  - Temperature: -20 to 100 °C
- Measurement resolution:
  - Relative Humidity: 1% in the whole range
  - Temperature: 0.1 °C in the whole range
- Output 1: 1 HP 250 Vac (16 A resistive) SPDT relay
- Output 2: 3 A 250 Vac SPST relay
- Output 3: 3 A 250 Vac SPST relay
- 3½-digit LED Display, 13mm height
- Power supply: 100 to 240 Vac/dc ±10%
- Frequency: 50~60 Hz

- Consumption: 5 VA
- Third output can be set as cyclic timer, for egg roll engine
- Silicon keys with excellent durability
- Front-panel with IP65 protection
- Dimensions:
  - Humidistat: 75 x 33 x 75 mm (not included)
  - Sensor: 125 x 13.7 mm (length x diameter)
  - Sensor cable: 3 meters
- Panel cutout: 70 x 29 mm
- Weight: 120 g
- Operational temperature: 0 to 40 °C
- Storage temperature: -20 to 60 °C

## Electrical Connections



## Application Example

