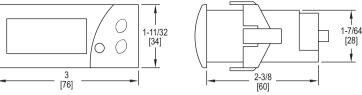


## **HUMIDITY SWITCH**

Programmable, 8 A Relay, 3-Digit Display





Panel cutout 2-51/64" x 1-9/64" (71 x 29 mm)

The Series HS Humidity Switch provides control for humidifying or dehumidifying systems. Relative humidity, output status, and error messaging can be viewed on the bright green LED. Access to programming parameters can be locked for security purposes using the password protection feature.

## FEATURES/BENEFITS

- Relative humidity display and control
- · Parameter protection
- 0 to 1 V. 4 to 20 mA or 3 V (THC-P) input selection

## **APPLICATIONS**

- Environmental chambers
- · Beer and wine chillers
- Greenhouses

MODEL CHART	
Model	Supply Power
HS-311	115 VAC
HS-312	230 VAC

## SPECIFICATIONS

Relative Humidity Range: 10 to 100% RH

Input: 0 to 1 V. 3 V or 4 to 20 mA. Accuracy: THC-P: ±5% @ 20 to 90%;

HS: +1% RH

**Display:** 3-digit, green, 1/2" (12.7 mm)

digits.

Resolution: 1 digit.

Temperature Limits: 32 to 158°F (0 to

70°C).

Storage Temperature: -4 to 176°F (-20

to 80°C).

Output: 16 A SPDT relay @ 250 VAC

resistive

Horsepower Rating (HP): 1 HP.

Control Type: ON/OFF.

Power Requirements: 115 VAC or 230

VAC (depending on model).

Memory Backup: Nonvolatile memory.

Weight: 2.3 oz (65 q). Front Panel Rating: IP64. Agency Approvals: CE, cURus.

ACCESSORIES		
Model	Description	
THC-P	Humidity probe 3 V output 4' (1.2 m) cable	