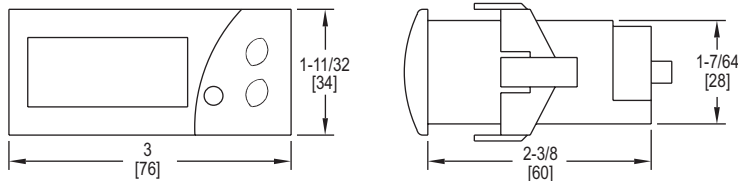


**Dwyer**

SERIES HS

# 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:  $\pm 5\%$  @ 20 to 90%; HS:  $\pm 1\%$  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 g).

**Front Panel Rating:** IP64.

**Agency Approvals:** CE, cURus.

**ACCESSORIES**

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