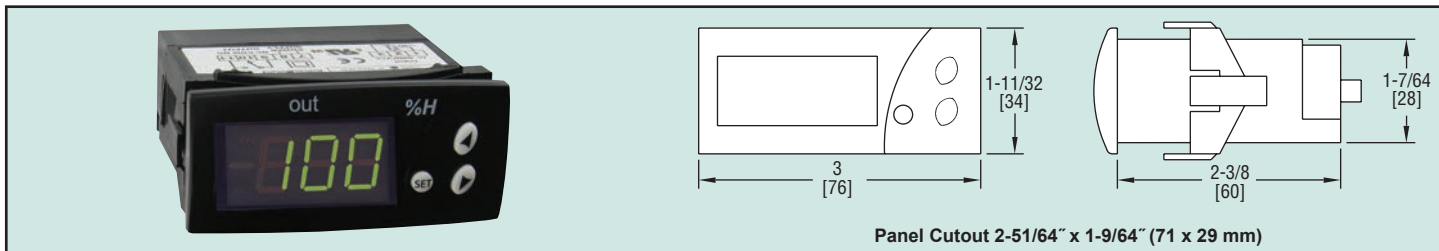




Series
HS

Humidity Switch

Programmable, 8 Amp Relay, 3-Digit Display



The microprocessor based Series HS Humidity Switch provides control for humidifying or dehumidifying. Relative humidity, output status, and error messaging can be viewed on the bright green LED. The switch features 9 user defined parameters including setpoint, hysteresis, control type, cycle time, and probe adjustment. Access to programming parameters can be locked for security purposes using the password protection feature. The Series HS includes a fitting clip for panel mounting, gasket, rear terminal cover, and instruction manual.

APPLICATIONS

HS Digital Humidity Switches are suitable for industrial chillers, environmental chambers, walk-ins and freezers, heat sealers, beer and wine chillers, mug frosters, coolers, display cases and cabinets, meat and produce storage, floral preservation, refrigerated transportation, laboratories, food service equipment, ovens and dryers, green houses, museums, and tobacco preservation. Monitors humidity in ducts.

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

SPECIFICATIONS

Relative Humidity Range: 10 to 100% RH.

Input: 0 to 1 V, 0 to 3 V or 4 to 20 mA.

Accuracy: THC-P: $\pm 5\%$ @ 20 to 80%; 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: 8 A SPDT relay @ 250 VAC resistive.

Horsepower Rating (HP): 1/3 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, cUR, UR.

ACCESSORY

THC-P Humidity Probe, 0 to 3 V output, 4 ft (1.5 m) cable