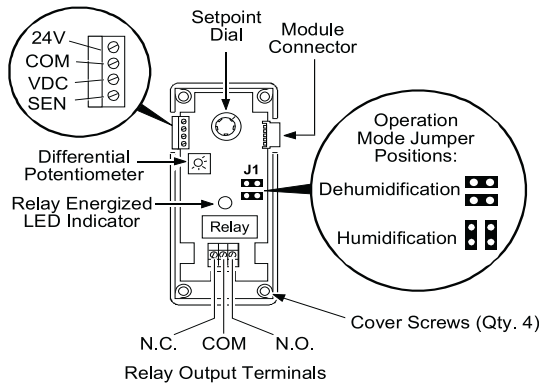


W351 Series

Electronic On/Off Humidity Control



W351

Features

- field selectable humidification or dehumidification mode
- adjustable differential and setpoint
- surface or DIN rail mounting
- 5-pin connectors eliminate wiring between modules

Applications

- computer rooms
- clean room
- pharmaceutical manufacturing process
- space humidity
- humidity monitoring and display
- high/low humidity alarm indication

To Order

Specify the code number from the following selection chart.

Relay Contact Ratings

Voltage, AC	120	208/240
Full Load Amp	9.8	4.9
Locked Rotor Amp	58.8	29.4
Non-Inductive Amp 10 at 24/240 VAC		
Pilot Duty – 125 VA at 24/240 VAC		

Description

The W351 Electronic On/Off Humidity Control is an electronic humidity control with SPDT relay output and LED indication. This control is used in conjunction with the HE-67S3-0N0BT or HE-67S3-0N00P series of humidity transmitters to stage humidification and dehumidification equipment. The control

covers a range of 10 to 90% RH and has adjustments for setpoint, differential, and mode (humidification or dehumidification).

The S351 Stage Module, D351 Display Module, and the Y350R Power Modules can be used with the W351.

Selection Chart

Code Number	Setpoint Range (% RH)	Differential (%RH)	Humidity Transmitter
W351AB-2C	10 to 90% RH	2 to 10% RH	sensor not included
W351AA-1C			includes room sensor HE-67S3-0N0BT
W351AA-2C			includes duct sensor HE-67S3-0N00P

Specifications

W351 Electronic Humidity Control	
Supply Voltage (a)	Transformer 20 to 30 VAC, 50/60 Hz, Class 2 Y350R 120/240 VAC, 50/60 Hz
VDC Power Supply	12 VDC provided to power humidity transmitter
Power Consumption	1.8 VA Maximum
Relay	SPDT enclosed relay, contacts rated at 10 amp, 1/2 hp 120/240 VAC
Case and Cover Material	NEMA 1, high-impact thermoplastic
Ambient Temperature	Operating -30 to 150°F (-34 to 66°C) Shipping -40 to 185°F (-40 to 85°C)
Humidity	0 to 95% RH non-condensing

(a) Only one voltage source may be used.

W351 Dimensions, in. (mm)

