

**S351**

# Humidity Stage Module

## Description

The S351 Stage Module is used in conjunction with the W351 Humidity Control to add multiple staging capability. Using a Y350R, up to five S351s can be added to the W351 via the 5-pin, plug-together connector. Using a 24 VAC or greater external transformer, up to nine S351s can be added. The S351 has an SPDT output relay and three adjustments including offset (de-energize stage action from setpoint), humidification or dehumidification mode, and differential.

## Features

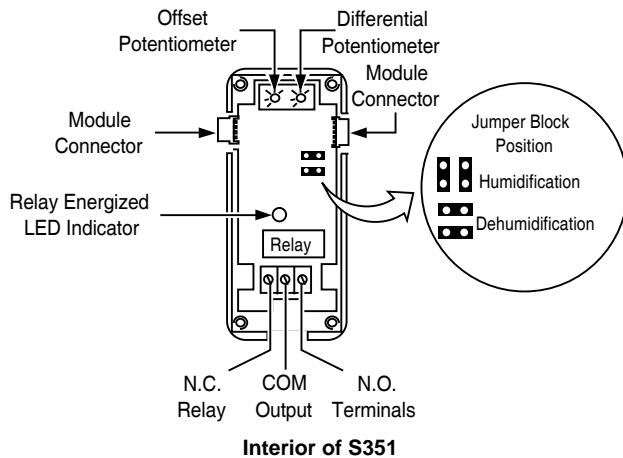
- humidification or dehumidification mode, field selectable
- adjustable differential and offset
- 5-pin connectors eliminate wiring between modules

## Applications

Use for multiple staging for humidification/dehumidification of clean rooms, computer rooms, or space humidity control.



**S351**



## Selection Chart

Code Number	Output	Differential	Offset
<b>S351AA-1C</b>	SPDT Relay	2 to 10% RH	2 to 30% RH

## Technical Specifications

<b>S351 Humidity Stage Module with Percent RH Scale</b>		
<b>Case and Cover Material</b>	NEMA 1, high-impact thermoplastic	
<b>Supply Voltage</b>	24 volt power supply provided by Y350R or external 24 VAC transformer	
<b>Power Consumption</b>	1 VA max.	
<b>Ambient Temperature</b>	<b>Operating</b>	-30 to 150°F (-34 to 66°C)
	<b>Shipping</b>	-40 to 185°F (-40 to 85°C)
<b>Ambient Humidity</b>	<b>Operating</b>	10 to 90% RH non-condensing
	<b>Shipping</b>	0 to 95% RH non-condensing
<b>Relay</b>	SPDT enclosed relays, contacts rated at 10 amp non-inductive, 1/2 hp, 120/240 VAC	
<b>Mounting</b>	Surface or DIN rail	

### 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		

