

# Universal IP Dual Display % RH Controller



## SPECIFICATION :

<b>Model</b>	PRH-9D2
<b>Over All Size</b>	96*96*50 mm
<b>Cut Out</b>	92*92 mm
<b>Mounting Type</b>	Panel Mounting
<b>I/P Supply</b>	230VAC, +/-15%, 50Hz.
<b>I/P Sensor</b>	0.2 vdc to 3.14vdc
<b>Sensor Supply</b>	Internal 5.0VDC
<b>Display Indication</b>	Upper = 4-Digit 0.39" RED or White 7 Segment LED display.for PV
<b>(Dual display)</b>	Lower = 4-Digit 0.28" GREEN LED display for SV.
<b>Range</b>	20.0 to 95.0 % for Humidity
<b>Indication Accuracy</b>	0.25% of FSR (Software Linearised).
<b>Display Resolution</b>	0.1 or 1.0 Count ( Selectable)
<b>Setting Method</b>	By Front Keypad
<b>Control Method</b>	Control-1 -ON/OFF & TP Or Auto-Tune PID (PID) (Field selectable)
	Control-2- ON/OFF with delay
<b>Control O/P</b>	Relay-1- 1 C/O-Relay o/p (3A@230vac) & Opto Isolated SSR o/p (+12vdc)
	Relay-2- 1- C/O-Relay o/p (3A@230vac) or Opto Isolated SSR o/p (+12vdc) ( Factory Set)

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	Relay-3- 1- C/O-Relay o/p (3A@230vac) or Opto Isolated SSR o/p (+12vdc) ( Factory Set)
<b>Setpoint-1</b>	RH Main Set Point
<b>Setpoint-2</b>	D-RH
<b>Setpoint-2</b>	RH High/Low Alarm.
<b>OutPut Indication</b>	LED Indication on the front panel for Each O/P status.
<b>EMC Standard</b>	EN50081-2 & EN 50082-2 Generic Stds for Industrial Environment
<b>Safety Standards</b>	Meets EN61010, Installation Catagory II
<b>Operating Ambient</b>	0°C to 55°C
<b>Storage Temperature</b>	-10 to +70 °C
<b>Operating Humidity</b>	5~80%RH Non-condensing

Heatcon Automation