

# MHC 1101 Humidity Controller



## Specification

<b>Input</b>	Humidity Sensor
<b>Range</b>	0.0 to 100.0 % RH
<b>Output</b>	1 Relay
<b>Relay Type</b>	1 C/O (NO-C-NC)
<b>Alarm</b>	High / Low Alarm (ON-OFF Action)
<b>Communication (Optional)</b>	RS-485 Modbus
<b>Power Supply</b>	100-270V AC ,50/60Hz
<b>Accuracy</b>	±1% FSD ± 1 Digit

## LED Indication & Keys

<b>LED</b>	Relay LED
<b>KEYS</b>	SET, INC, DEC, ENT

## Application

- 1) Process industries
- 2) Lab Testing equipment
- 3) Testing Chambers
- 4) HVAC & Refrigeration industries

## Input

Input	Humidity Sensor
Range	0.0 to 100.0% RH
Resolution	0.1 %

## Output

Relays	1 Nos
Relay Type	1C/O (NO-C-NC)
Rating	10A, 230V AC / 30V DC

## Display & Keys

Display	4 Digit, 7 seg. 0.56" Red LED Display
Key	SET, INC, DEC, ENT
LED	Relay

### Note :

Accurate sensing of humidity is subject to proper mounting of humidity sensor as per application area. Please consult our support engineers if needed.

## Auxiliary Power Supply

Power Supply	100 to 250V AC, 50/60Hz
Burden	4VA

## Physical

Mounting Type	Panel Mount
Size ( H x W x D )mm	96 X 96 X 54
Front Bezel ( H x W ) mm	96 X 96
Panel Cutout ( H x W ) mm	92 X 92
Depth Behind panel (mm)	54
Material	ABS
Accessory	2 Panel Mounting Clamp
Enclosure Protection (As Per Request)	IP 65 ( Front Side )
Terminal & Cable Size	Barrier Type terminal Cable Size ( 2.5 mm <sup>2</sup> )

## Environmental

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

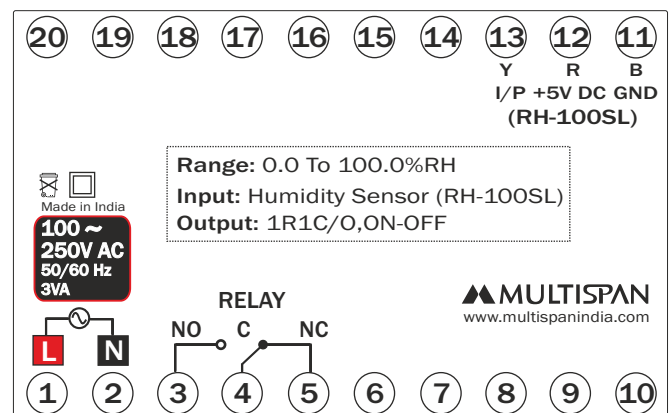
## Accuracy

±1% FSD ± 1 Digit

## Mechanical Dimension

Outline Dimension (mm)	Panel Cutout Dimension (mm)

## Connection Diagram



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.  
 Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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