MULTISPAN

HUMIDITY CONTROLLER

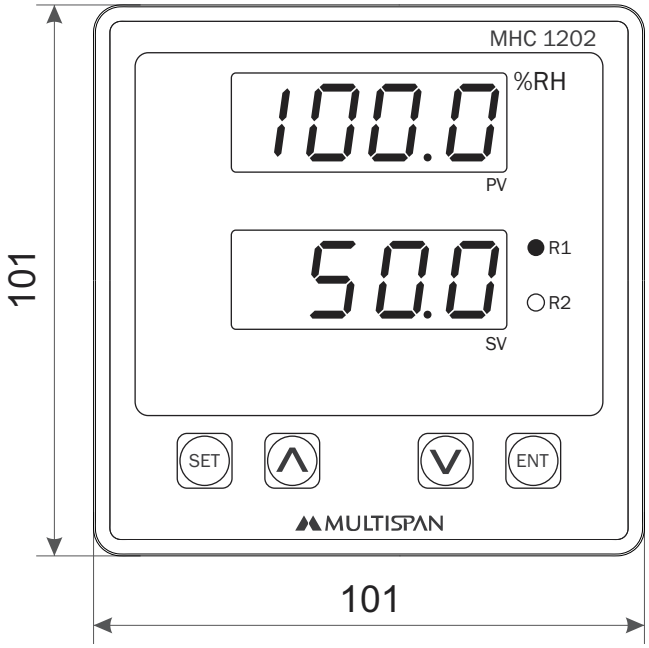
MHC 1202

APPLICATIONS

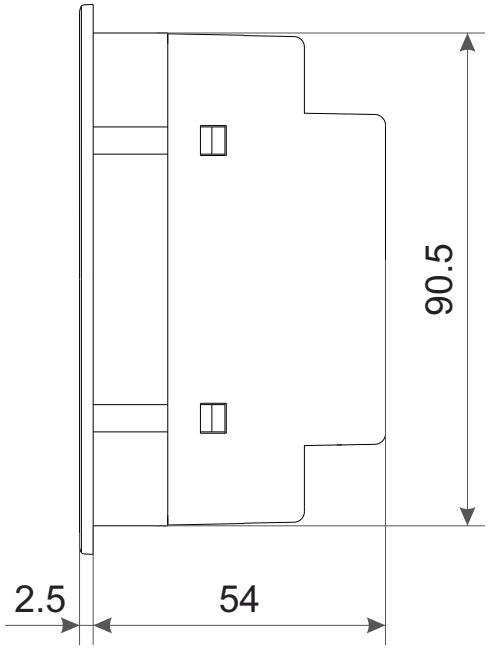
- Process industries
- Lab Testing equipment
- Testing Chambers
- HVAC & Refrigeration industries

Mechanical Dimensions

Body Dimensions



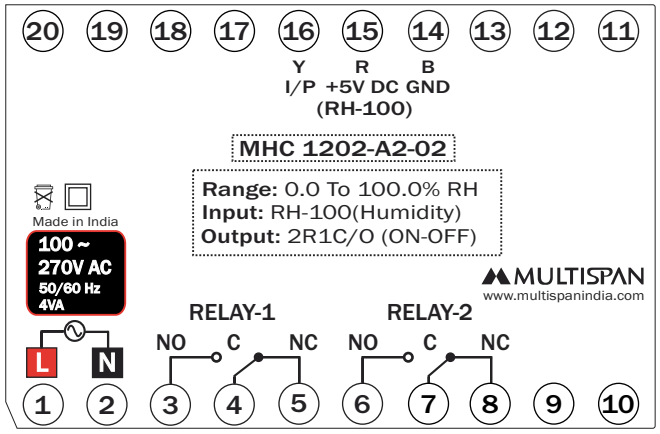
FRONT VIEW



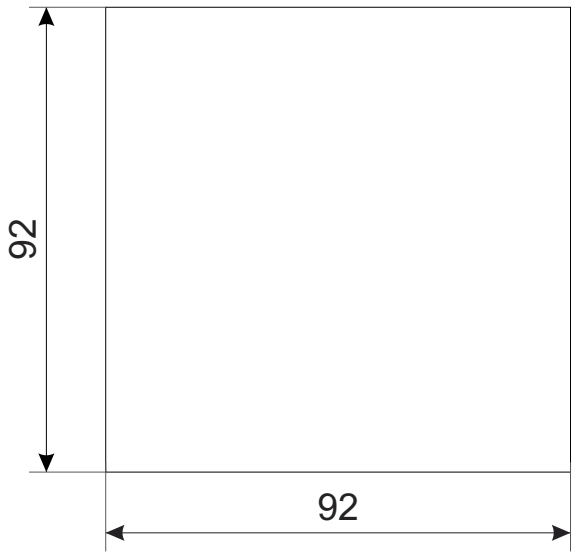
RIGHT SIDE VIEW

All dimensions are in mm

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	Humidity Sensor (RH-100)
Range	0.0 to 100.0 % RH
Output	2 Relay
Alarm	High / Low Alarm (ON-OFF Action)
Power Supply	100-270V AC ,50/60Hz, Approx 4VA

Input

Input	Humidity Sensor (RH-100)
Range	0.0 to 100.0% RH
Resolution	0.1 %
Accuracy	± 1% of FSD
ADC Resolution	10 Bit
Sample Time	600 msec
CJC Error	± 2°C
Sensor Open	RH 100
Sensor Burnout Current	1.10uA
CMRR	>120 dB (Typical)
Max Voltage	20V DC
Response Time	675mS

Auxiliary Power Supply

Power Supply	100 to 270V AC, 50/60Hz
Burden	4VA

Display LED & Keys

Display	**Upper**	4 Digit 7 seg 0.36"Red LED
	Lower	4 Digit 7 seg 0.36" White LED
Key		SET, INC, DEC, ENT
LED Indication		R1, R2

Output

Relays	2 Nos
Relay Type	1C/O (NO-C-NC)
Rating	5A, 230V AC / 30V DC

Environmental Characteristics

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

Mechanical Characteristics

Mounting Type		Panel Mount
Dimension (HxWxD) mm		101 x 101 x 54
Panel Cutout (HxW) mm		92 x 92
Material	**Front**	Polycarbonate (PC)
	Enclosure	ABS
Terminal Screw Size		M3.5
Screw Torque (N.m)		0.5
Wire Guage (AWG)		26-14
Weight (Approx) gms		Unpacked : 200 Packed : 230
Accessories		1 Pair of Mounting Clamps

Note :

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