

Data : Limit Man



Limit Man is a simple but efficient controller for regulating humidity or heating applications. Or can be used as a 0-10V limit regulator whilst indicating the input signal.

Limit Man can be operated in 8 modes. 4 modes are dedicated to the 0-10V input from a humidity transmitter with the other 4 dedicated to the temperature input. (0 to +99°C)

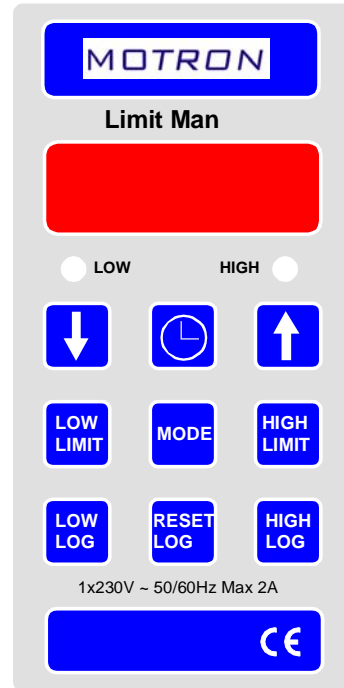
The Low / High limits are programmed from the keypad with a 4 character LCD display indicating current value. The relay will follow the schematic below.

Built in Log for history of max and min value.

Built in real time clock.

Limit Man is IP54 rated, robust and very simple to use. Connects to any 0-10V signal and / or DeltaSense's KTY temperature probe or humidity transmitter - **Smart sensor 3000**.

Front Panel



data

- 207-253 VAC / 50Hz supply
- 24 VAC / 50Hz supply
- 1 relay output 2A / 230VAC
- 2 Analogue input 0-10V / 200Kohm
- (one not in use)
- 2 Temperature input -50+50 °C / 0.1°C
- (one not in use)
- 2 Analogue output 0-10V / 10mA
- (one not in use)
- Auxiliary DC supply out 24VDC / 20mA +/- 30%
- Real time clock with Lit. Bat. Backup
- Sounder for acoustic signal
- EEPROM for logging data
- RS232 PC/printer interface
- Working temperature -5 to +45°C
- Nine button keyboard
- Custom specified front design
- IP 54
- CE approved. (EMC 89/336/EEC LVD 73/23/EEC)

MODE		LOW LIMIT	Relay	HIGH LIMIT	LOW LIMIT	0-10V Output	HIGH LIMIT
P-0	Dehum		↓	↑		~	
P-1	Hum		↑	↓		~	
P-2	Hum Alarm		□	□		□	□
P-3	Hum Alarm		□	□		□	□
P-4	Cooling		↓	↑		~	
P-5	Heating		↑	↓		~	
P-6	Temp Alarm		□	□		□	□
P-7	Temp Alarm		□	□		□	□

Connection

