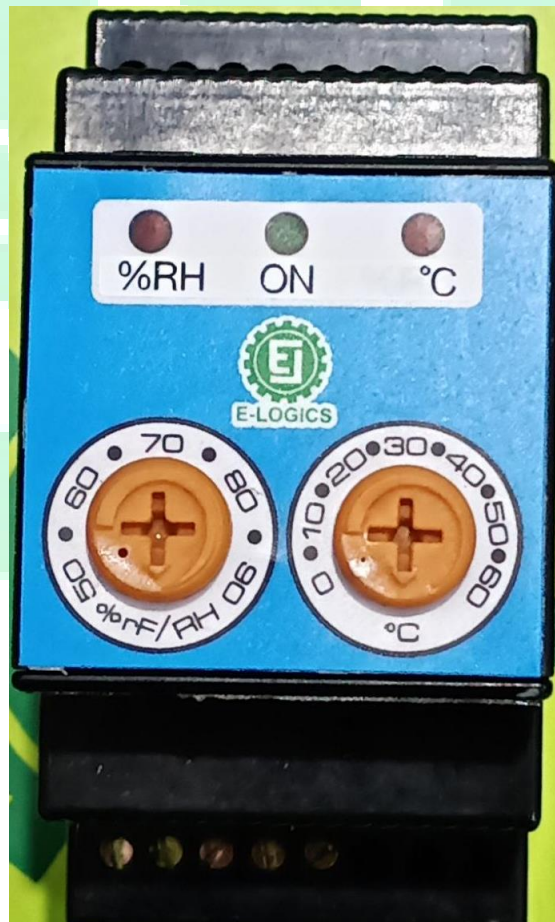




E-LOGICS

TECHNICAL MANUAL

Electronic Hgro-Therm



Introduction:

Electronic Hygro-therm senses the ambient temperature and relative air humidity in an enclosure. The smart and efficient combination of temperature, humidity and microprocessor is more reliable and accurate in its operation. The sensor senses the temperature and relative humidity of the concerned environment and microprocessors compares the current values to the set limits and decides which contact combination is to be chosen, it then turns on or off a connected device (mostly Heater), if either the temperature is below or the humidity is above the set point. The integrated LED in each adjustment knob is lit when indicating the active function.

Model:

- EL-ETHS-200

Specification:

Function	Temperature & Humidity Sensor
Rated Supply Voltage	90~250V AC\DC
Rated Frequency	45~65Hz
Power Consumption	<10VA
Temperature Range	0~60°C
Relative Humidity	50~90%
Maximum Power (Dry Contacts)	1250VA (250VAC), 120VA (24VDC)
Contacts	Normally Open/ Close (NO, NC)
Operating Time (Delay)	0~5sec
Ambient temperature	-10°C to +55°C
Storage	-25° C to + 80° C
Electrical connections	Cage clamping terminals
Dimension	3.0 x 2.4 x 1.7" (77 x 60 x 43 mm)
Enclosure type	Din Rail Mounting

Function / Operation:

Efficiently senses the relative humidity and temperature and compares the current values to the set limit and sets the heater or any other device connected on or off if temperature is below or humidity is above the set value.

Connection details:

