

DIGITAL HYGROTHERM

Technical Specifications

- Dimensions : 35x77mm
- Display : 3 Digits 7 Segment
- Sensor Type : Digital Temperature/Humidity sensor
- Measuring Scale : -19.9 .. 80.0 °C, 5 .. 95%RH
- Resolution : $\pm 1^{\circ}\text{C}$, $\pm 1\%\text{RH}$
- Accuracy (typical) : $\pm 1^{\circ}\text{C}$, $\pm 3\%\text{RH}$; over full scale
- Control Form : ON-OFF
- °C Out Output : Relay (NO + NC), 250VAC, 2A, Resistive load
- %RH Out Output : Relay (NO), 250VAC, 2A, Resistive load
- °C Function : Ht (heating), CL (cooling); selectable
- %RH Function : lo (decrease humidity), hi (increase humidity); selectable
- Supply Voltage : 100..240VAC, 50 / 60Hz
- Power Consumption : < 6VA
- Operating Temp. : 0 .. 50 °C
- Operating Altitude : H-C; Ht(Heating), CL (Cooling); selectable
- Power Consumption : < 6 VA
- Failure : In case of measurement failure, "Err" message displayed and Relay outputs become OFF.

NOTE: The temperature and humidity sensor is included in the device



HT-310

DIGITAL THERMOSTAT

Technical Specifications

- Dimensions : 36x90x65mm, rail mount
- Display : 3 Digits 7 Segment
- Sensor Type : PTC
- Measuring Scale : -50...+150 °C
- Resolution : $\pm 1^{\circ}\text{C}$
- Accuracy : $\pm 1^{\circ}\text{C}$ (Over full scale)
- Control Form : ON-OFF
- Out Output : Relay , 250 VAC, 2A, Resistive Load
- Alarm Output : Relay , 250 VAC, 2A, Resistive Load
- Heat Set : LoL...UPL °C (Hst)
- Alarm Set : AtP=Ab s, -Ab; LoL... °C (Ast)
AtP=rEL, -rL; (HSt+rAL) ,(HSt-20) ... (Hst+20) °C
- Heat Hysteresis : 1...20 °C (Hhs)
- Alarm Hysteresis : 1...20 °C (Hhs)
- Offset : -20...+20 °C (OFS)
- Function : H-C; Ht(Heating), CL (Cooling); selectable
- Supply Voltage : 100...240 VAC, 50/60 Hz
- Power Consumption : < 6 VA
- Operating Temperature: -20 °C...55 °C
- Operating Altitude : < 2000m
Failure

NOTE: The PTC Sensor is included in the device.



PDT 50- 150