Room Temperature & Humidity Monitor

Wall Temperature & Humidity Monitor

PART 1 – GENERAL

1. RELATED DOCUMENTS
   1. Drawings and general provisions of the Contract, including General and Supplementary General Conditions and other Division 01 Specification Sections, apply to this Section

PART 2 – PRODUCTS

* 1. Wall Mount Temperature & Humidity Monitor (S&S Middle East RSTH)
     1. Product supplied shall be a wall mount temperature & humidity monitor rated for indoor environments.
     2. Temperature & humidity monitor range shall be available with Bacnet MS/TP or Modbus RTU communication protocols options.
     3. Monitor shall have internal volt free relays & 0-10V output to activate ventilation equipment and warning alarms upon reaching alarm thresholds.
     4. Temperature & humidity monitor range shall be available with blank, LED or display screen options.
     5. Temperature & humidity monitor range shall be available as 24VAC/DC or 230VAC powered.
     6. The monitor shall have an operating temperature range: -10°C to 50°C.
     7. Temperature sensor accuracy shall be: ±0.5° @ 10-45°C.
     8. Humidity sensor accuracy shall be: ±2% @ 15-30°C (20-90%RH)
     9. The monitor shall be 5.95” x 4.37” x 1.87”
     10. Acceptable product range: S&S Middle East RSTH

PART 3 – EXECUTION

* 1. INSTALLATION
     1. Sensors must be installed in compliance with the manufacturer's guidelines.
     2. Install wiring and conduit to prevent interference with other systems.
     3. Ensure accessibility for future sensor maintenance and calibration.