

**CTB01****BACnet Thermostat with AO 0-10V**

Voltage	24 VAC \pm 20%, 50/60Hz
Rating	0-10 VDC 1mA
Prog	Non-programmable
System	Heat / Cool
Fan	No Fan
Approval	Low voltage – approval exemption

FEATURES

- BACnet MS/TP network communication – BACnet Application Specific Controller (B-ASC)
- Analog output (0-10 VDC) for cooling or heating
- Analog input (0-10 VDC / 4-20mA / NTC10k / PT1000 / Ni1000 / digital input)
- PI control analog output
- All parameters can be monitored and adjusted through BACnet
- Provides 7 types of input applications
- Setpoints and settings can be assigned and changed locally and remotely
- Provides minimum and maximum setpoint for heating and cooling mode
- Provides $\pm 5^{\circ}\text{C}$ offset for room temperature adjustment
- LCD display: temperature, cool / heat indicator
- Non-volatile memory: store all internal settings
- LCD backlight
- $^{\circ}\text{C}$ display only

TECHNICAL SPECIFICATION

Operating supply voltage	24 VAC \pm 20%, 50/60Hz
Power output	0 - 10 VDC 1mA
Operating temperature	0 - 40 $^{\circ}\text{C}$
Controlling temperature	10 - 35 $^{\circ}\text{C}$, 0.1 $^{\circ}\text{C}$ resolution
Temperature measurable range	0 - 40 $^{\circ}\text{C}$
Control P-band temperature	2 - 5 $^{\circ}\text{C}$
Accuracy	$\pm 0.5^{\circ}\text{C}$

MECHANICAL SPECIFICATION

Mechanical dimension	109(L) x 94(W) x 34(H) mm
Mounting holes	Provided at the back of the cabinet, mounting plate is also included
Mounting	Surface on wall
Wiring	Screw-fixed

WIRING DIAGRAM

