Digital Zone Temperature Controller
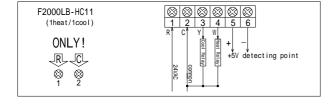
Model: F2000LB-HC11-K

□ Features

- ◆ Design for individual room and zone temperature control
- ◆ Supports thermal actuators for heating and cooling by using 20s pulse width modulation.
- ◆ The space temperature is maintained at the set point by modulating the position of the actuator to meet the cooling or heating demand.
- ◆ Convenient setup and operation by buttons
- ◆ LCD display rich information such as set point and measured temperature,

cooling/heating mode and its device working status etc.

- ◆ Cooling/heating change manually or automatically selectable.
- ◆ Dead zone can be preset by end users
- ◆ Lock mode makes avoiding wrong operation
- ◆ Real time checks the outside dry contact signal from the cooling device and makes the controller cooling disable as the signal on.
- ◆ Advanced setup supplies the end user more selection of control way

□ Wiring Diagram

Buttons and LCD

turn on/off

down

up

mode switch

□ Specifications

Power Supply	24VAC 50Hz/60Hz
Outputs	1A each
Temperature sensor	NTC 5K @25
Temperature set point	15~35 (41 ~113) / ± 3
Temperature accuracy	± 0.5 (± 1) @25
Dead zone	0 ~3.0
Proportional rate	1.0(slow)/2.0(fast)
Operation conditions	0~50 (32~122); 0~95%RH, non condensing
Display	LCD
Housing	PC/ABS , IP30 protection class
Net weight	260g
Dimensions	120mm(L)× 90mm(W)× 24mm(H)
Mounting standard	Mounting on the wall, 2"× 4"or 65mm× 65mm box