

F2000PS-A SERIES THERMOSTAT

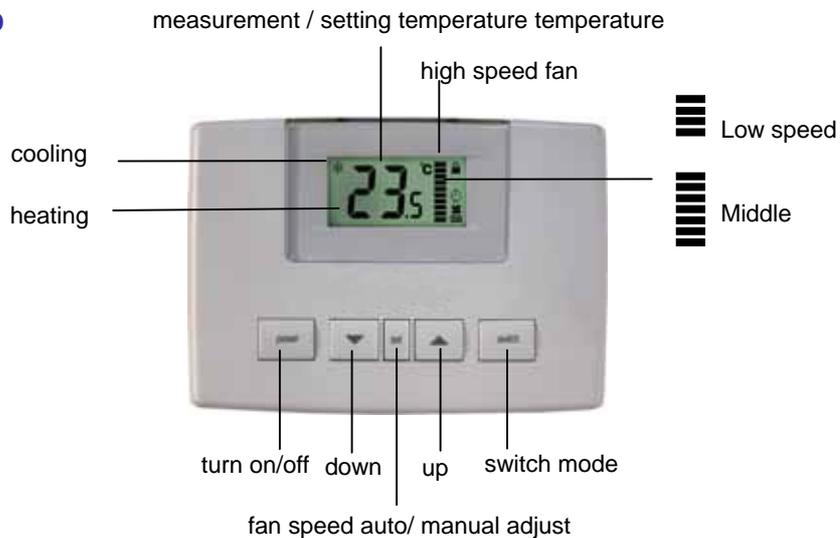
With an Analog Proportional-Action Control and A Fan Control

The digital thermostat provides proportional-integral (PI) individual room temperature control with a 0~10VDC analog output in FCU air conditioning systems, ventilation systems, and water valve control and other systems.

□ Features

- PI(proportional and integral) control action provides accurate, stable room temperature control
- LCD can display working status such as room temperature, set point, etc. Makes reading and operating easy and accurate.
- All models feature user-friendly setting buttons
- Multi-function control for different systems with 1X 0~10VDC output and 3-speed fan or single speed fan control.
- As well as provide one stage or two stages electric aux. heater control.
- Low temperature protection
- Celsius or Fahrenheit degree selectable
- Two-part structure and quick wiring terminal block make mounting easier.
- RS485 communication option makes the thermostat connecting with a PC or other systems.
- External temperature sensor optional
- Blue backlight display optional
- Infrared remote control (optional)

□ Buttons and LCD



□ Shipping Information

Indiv. Ctn. Dim	135mm×55mm×32mm
Master Ctn. Qty	40
Master Ctn. Dim	44cm(L)X32cm(W)X32cm(H)
Master Ctn. Wt.	15KG

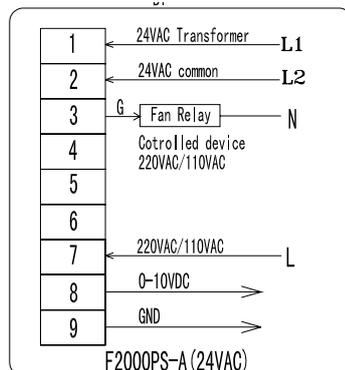
□ **Specifications**

Power supply	220VAC±10% , 110VAC±10% , 24 VAC±20% selectable in order
Rate contact current for the fan and aux. heater	1 amp 5 amp for F2000PS-A-5A
Analog output	0~10VDC
Sensor	NTC 5K
Temperature Control Range	5-35°C
Accuracy	±0.5°C @25
Display	LCD
Weight	300g
Dimensions	130mm(L)×90mm(W)×32mm(H)
Mounting Standard	Mounting on the wall, 2"×4" or 65mm×65mm box

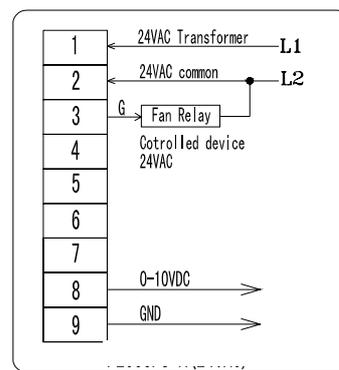
□ **Models**

Type	Model	Characteristic
Proportion-Action Control Thermostat for FCU power supply: (A): 220 VAC~240VAC (B): 100VAC~120VAC (C): 24 VAC	F2000PS-A -01	1x0~10V output to a water valve control, 1x on/off output to a single fan control
	F2000PS-A -01E	1x0~10V output to a water valve control, 1xon/off output to a single fan control, 1xon/off output to control an electric heater
	F2000PS-A -02E	1x0~10V output to water valve controlling, 1xon/off output to single fan controlling, 2x on/off outputs to control two stages of electric heater
	F2000PS-A	3 speed fan controlling, 0~10V output to a water valve control
	F2000PS-A-E	3 speed fan controlling, 0~10V output to a water valve control. One electric heater control.
	F2000PS-A-5A	3 speed fan controlling with 5A switch current, 0~10V output to a water valve control.
	F2000PS-A-5A-E	3 speed fan controlling with 5A switch current, 0~10V output to a water valve control. One electric heater control.
Proportion-Action Control Thermostat with RS485 Interface	F2000PSC-A -01	1X 0~10V output to a water valve control, one on/off output to a fan control. RS485 communication.
	F2000PSC-A	3 speed fan controlling, 0~10V output to a water valve control. RS485 communication
	F2000PSC-A-E	3 speed fan controlling, 0~10V output to a water valve control. One electric heater control. RS485 communication.
OPTIONS		
Accessional Options	Infrared Remote Control -R	Infrared remote control
	Backlight LCD -EL	Blue backlight of LCD

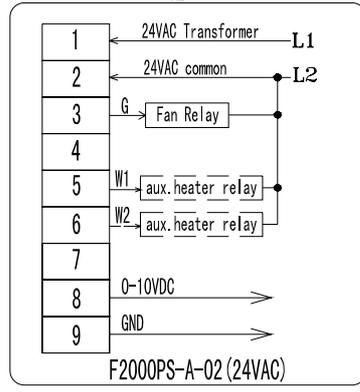
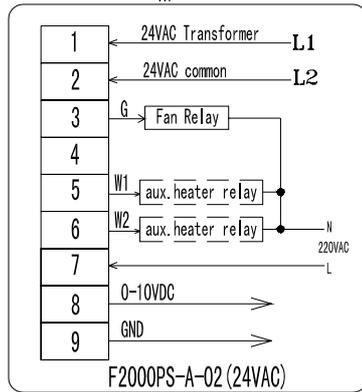
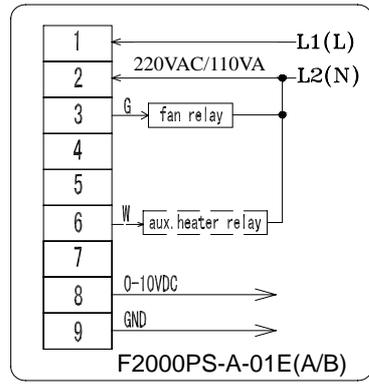
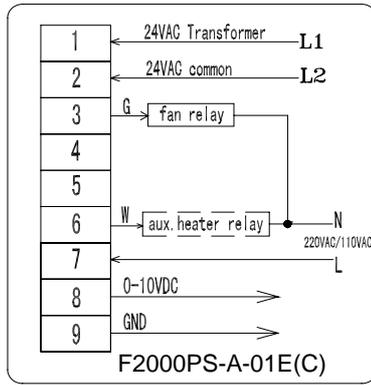
□ **Wiring Diagrams**



F2000PS-A-01 (C)-1



F2000PS-A-01 (C)-2



F2000PS-A-02E-(C)-1

F2000PS-A-02E-(C)-0

