

# 24V WALL MOUNTED ELECTRONIC CONTROLLER

Model: IWP4011

1 HEAT 1 COOL 2\* 0-10V DC OUTPUTS

Model: IWP4022

2 HEAT 2 COOL 2\* 0-10V DC OUTPUTS

## SPECIFICATIONS:

### POWER SUPPLY:

Voltage: 4000 Series 24V AC  $\pm 10\%$  50/60Hz.

### OUTPUTS:

One SPDT voltage free contacts per stage 2 amps max.  
Two 0-10V DC control outputs heat and cool.

### TERMINAL IDENTIFICATION:

#### SENSOR

S = Screened cable + detector.

DET = Detector.

#### MODULATING OUTPUTS -

7 = Cool 0-10VDC.

8 = Heat 0-10VDC.

9 = Signal Common.

#### SUPPLY -

4000 Series:

$\pm$  = Earth.

$\sim$  = 0V.

24V = 24VAC.

### TEMPERATURE RATINGS:

Storage 0 to 50°C non condensing.

Operating 0 to 40°C non condensing.

### ENCLOSURE:

Manufactured from an ignition resistant grade of ABS which meets the requirements of AS2420.

Colour: Off White.

### INSTALLATION:

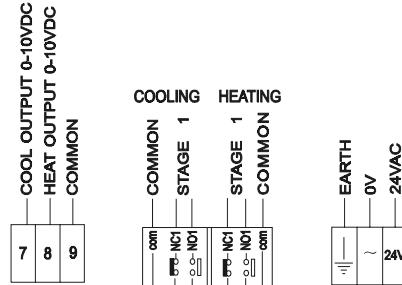
- 1 Mount controller in a dry and reasonably clean location free of excessive vibration.
- 2 Wire in accordance with INNOTECH connection diagrams and local bylaws or refer to your local distributor.

### DETECTOR WIRING:

- 1 DO NOT connect 24V AC or 240V AC to "SENSOR" terminals or terminals 7 & 8.
- 2 Shielded cable should be used. This shield should remain continuous from the detector to terminal "S" of the controller.
- 3 The screen of the detector wiring MUST be connected to the right hand connection "S" of the "SENSOR" terminals.
- 4 It is good practice to maintain at least 50 millimetres clearance between detector wiring and power wiring.

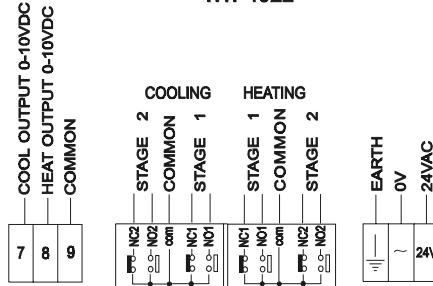
The internal or external detector is calibrated via the "CAL" pot.

## STANDARD CONNECTION IWP4011



\* Note : Terminal 9 and Earth are Internally Connected.

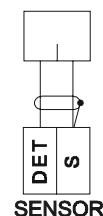
## STANDARD CONNECTION IWP4022



\* Note : Terminal 9 and Earth are Internally Connected.

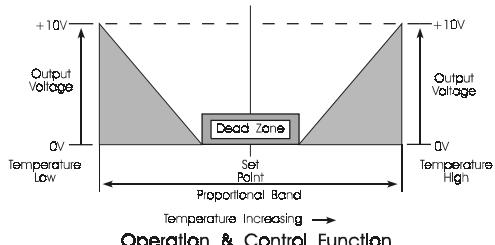
## REMOTE DETECTOR CONNECTION

### SEN



DET - DETECTOR    S - CABLE SCREEN  
SCREEN CABLE MUST BE USED

#NB - REMOVE THERMISTOR FROM TERMINAL STRIP



**INNOTECH**  
CONTROL SYSTEMS

Designed & Manufactured In Australia  
by Mass Electronics Brisbane  
Ph 07 38411388 Fax 07 38411644

TITLE	ELECTRONIC CONTROLLER		
MODEL NO	IWP 4011, IWP4022		
DATE	22-4-99		
DRAWN	LAW	REV NO: B	CONIWRCDR
APPROVED			