AX-Autostat III

Intelligent Room Thermostat

Product overview

The Axio AX-AutoStat III intelligent room thermostat's accurate temperature control is combined with a built in movement sensor to sense when the room is occupied. The unit automatically switches the temperature control to the setpoint when occupancy is detected. When the room is no longer occupied the AX-AutoStat III automatically reverts to the setback level after the user defined run on time has elapsed. The unit also incorporates a window sensor input to disable the heating when a window is open. The AX-AutoStat III is available with an adjustable setpoint or as tamper proof version. In both versions the setback and timer settings cannot be adjusted by the occupant. The unit can directly control a heater or a thermal actuator fitted to a radiator valve.

Features

- Energy saving
- Built in movement sensor
- 3kW heater load
- Adjustable run on time
- Adjustable setback
- Window sensor input

Applications

- Residential and care homes
- Sheltered housing
- Hotels and holiday villages
- School, colleges and offices, meeting rooms, etc.
- Disabled accommodation
- Hospitals

Product specifications

Operating voltage	230Vac 50/60 Hz
Occupied temperature setting	10°C to 30°C
Setback temperature setting	0°C to 10°C (Setback from setpoint)
Occupied timer range	0 to 60 minutes
Window sensor input	Volt free contact (Open when window open)
Occupancy sensor range	6 meters
Maximum load	3kW (Resistive) (N/O contact)
Dimensions	85(H) x 85(W) x 32(D) mm (Maximum)
Country of origin	United Kingdom

Order codes

AX-Autostat III	Autostat III Intelligent Room Thermostat
AX-Autostat III-TP	Autostat III Intelligent Room Thermostat tamper proof

Order online at:

www.annicom.com

Email orders and enquiries to:

sales@annicom.com

Installation

The AX-Autostat III should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment it is to be connected to and any local regulations. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to.
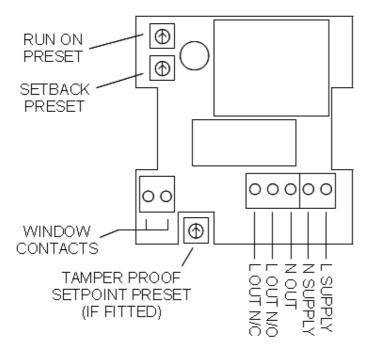
Mounting Instructions

The exact location of mounting will need to be determined with consideration for the best effect as regards ambient temperature and for maximum PIR range and body movement. Do not mount the unit over a heat source, in direct sunlight, behind curtains or close to appliances that give off heat. The AX-Autostat III is designed for surface or flush mounting in an appropriate single gang backbox.

Connections

The AX-Autostat III uses an internal temperature sensor to measure the room temperature and a built in movement sensor to detect occupancy. If the room is occupied or the run on time has not expired the the room temperature will be controlled to the setpoint. If the room is not occupied and the run on time has expired the room temperature will be controlled to the unoccupied setting (Setpoint – setback). The run on timer expires 0 to 60 minutes (as set) after the last occupant movement is detected.

Window contacts. When a window is open, indicated by on open circuit into the window contacts, the heating will be inhibited. If this function is not used then a shorting link should be connected across the window contact terminals to enable heating. The unit is supplied with a factory fitted shorting ling disabling this function.

Tamper proof version. For tamper proof versions no occupant setpoint is fitted. The tamper proof setpoint is fitted to the lower board, location shown on diagram.