AX-TRL

Raise Lower Thermostat

Product overview

The Axio AX-TRL Raise-Lower thermostat is designed for individual room temperature control applications. The unit has an adjustable internal setpoint with a front plate offset adjustment. The room temperature, measured using the built in sensor, is processed using a PI control loop to control the room temperature. The outputs drive raise-lower (3-point) valve actuators.

Features

- Raise-Lower outputs
- 230Vac powered
- Proportional and integral control
- Single gang flush mounted plate

Product specifications

Operating voltage	230Vac 50/60 Hz
Setpoint range	18°C to 24°C
Setpoint offset range	± 3°C
Proportional Band	4°C
Integral time	300 seconds
Actuator runtime	140 seconds
Protection class	IP40 (When correctly installed)
Outputs	230Vac, 50VA each
Dimensions	85(H) x 85(W) x 57(D) mm (Maximum) (35mm into backbox)
Weight	125 grams
Country of origin	United Kingdom

Order codes

AX-TRL	Raise lower thermostat 230Vac

Order online at:

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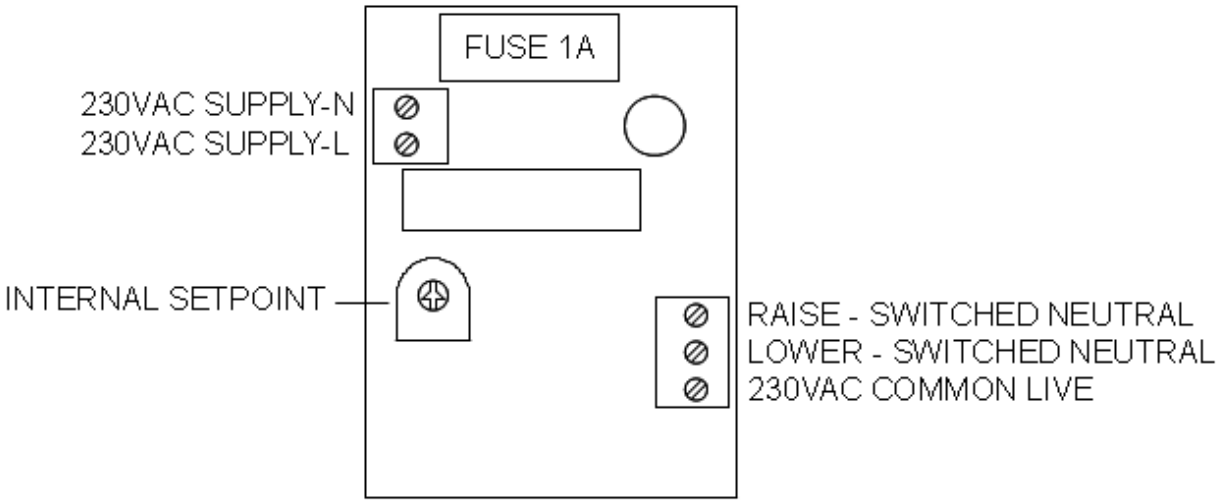
Installation

The AX-TRL should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment it is to be connected to and 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.

Connections and description

The Axio AX-TRL Raise-Lower thermostat is designed for individual room temperature control applications. The unit has an adjustable internal setpoint which should be set during installation. When the unit has been installed the front plate offset control provides a ± 3°C setpoint adjustment. The room temperature is measured using the built in sensor located on the lower part of the front plate. A proportional and integral control loop calculates the required control and produces the required output switching to drive the raise-lower valve actuator.



WARNING: Care must be taken not to damage the temperature measurement bead thermistor

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