

# AX-2102

Mechanical Room Thermostat

# AXIO



## Product Overview

The Axio AX-2102 is a wall mounted room thermostat. The unit has a bellows switch mechanism making them suitable for use with 2-wire mains applications as well as low voltages. The output is a SPDT switch and can be used for heating or cooling applications.

## Features

- Large control knob for temperature adjustment
- Heating or Cooling
- Suitable for use on 2-wire mains, or low voltage
- Bellows switch mechanism
- Universal back-plate UK/European fixing

## Product Specifications

Temperature Ranges	+10 to 30°C
Maximum Operating Temperature	50°C
Switching Differential	1°C
Operating Voltage	Up to 240Vac
Output Rating	3 Amp maximum resistive load at 240Vac (1 Amp inductive)
Output Contacts AX-2102	SPDT - Switched Live
Output Contacts AX-2102-HC	SPDT
Sensing Element	Liquid filled bellows with anticipator
Housing	IP20, White
Dimensions	83 x 83 x 40mm
Weight	80gms
Storage Temperature	-20 to +50°C
Country of Origin	China

## Order Codes

AX-2102-HC	Mechanical Room Thermostat +10 to 30°C -2 Wire
AX-2102	Mechanical Room Thermostat +10 to 30°C -3 Wire

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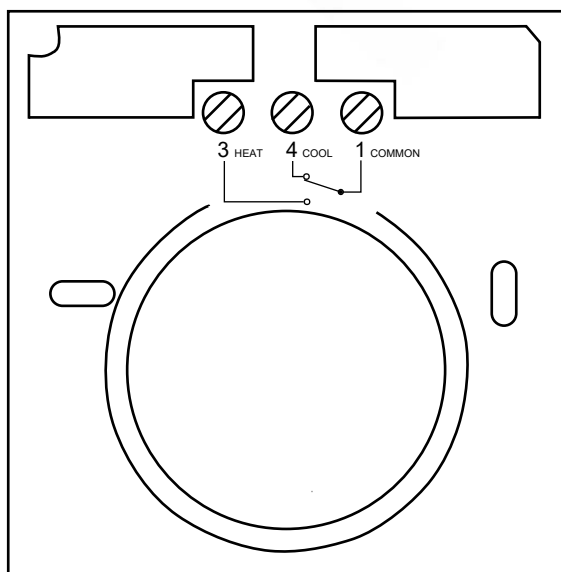
## Mechanical Room Thermostat



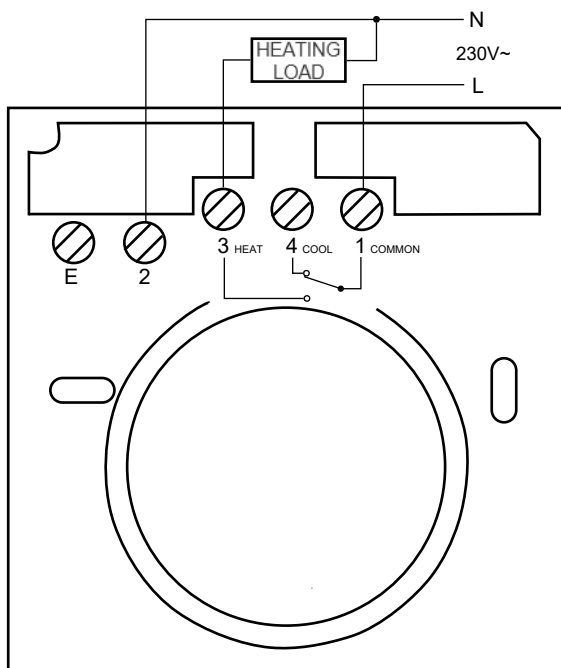
### Caution

The AX-2102 units should be installed by 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.

### Connections



AX-2102-HC



AX-2102

### Installation

Select a suitable position for the thermostat away from drafts, heat sources and direct sun, about 1.5m from the floor.

Always isolate the supply before removing the cover.

To remove the cover use a small flat-bladed screwdriver to loosen the fixing screw one turn at the top-most edge of the unit.

The unit can be attached to a standard patress box, or fixed as appropriate to a wall surface using the pre-formed holes in the base.

The AX-2102 has a terminal marked E that can be used to 'park' and earth cable. This unit also has a built-in anticipator - a 230Vac neutral connection is also required for this to operate.

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