AX-RC-Px

Proportional Temperature Controllers with Setpoint - Single & Dual Output

Product Overview

The AX-RC-Px proportional temperature controllers provide one or two 0-10Vdc output proportional to the difference between the setpoint and the measured temperature. The output signal can be used to control VAV Boxes, modulating damper motors, modulating valve actuators , relay modules or thyristor power controllers among others . The unit is powered from 24Vac/dc

Features

- Setpoint Adjustment
- Heating or Cooling version - jumper selectable
- Deadband on two output version
- 24Vac/dc
- Heating and Cooling version
- Adjustable proportional band

Product Specification

Power Supply:		24Vac/dc +/- 15%
Power Consumption:		<1VA
Output Signal:	AX-RC-P1	0-10Vdc @3mA
	AX-RC-P2	2 x 0-10Vdc @3mA
Setpoint Range:		10 to 30 deg C
Proportional Band:		2 to 12 deg C adjustable
Deadband:	AX-RC-P2	0 to 3 deg C
Mode of Operation:	AX-RC-P1	Heating or Cooling - jumper selectable
	AX-RC-P2	Heating and Cooling
Temperature Element:		10K3A1
Dimensions:		83 x 83 x 27mm (excluding setpoint knob)
Terminals:		Terminals for 0.5 to 2.5mm$_2$ cable
Protection:		IP20
Country of Origin:		United Kingdom

Order Codes

AX-RC-P1	-	**Room Temperature Proportional Controller 1 x 0-10V output heating or cooling**
AX-RC-P2	-	**Room Temperature Proportional Controller 2 x 0-10V output heating and cooling**

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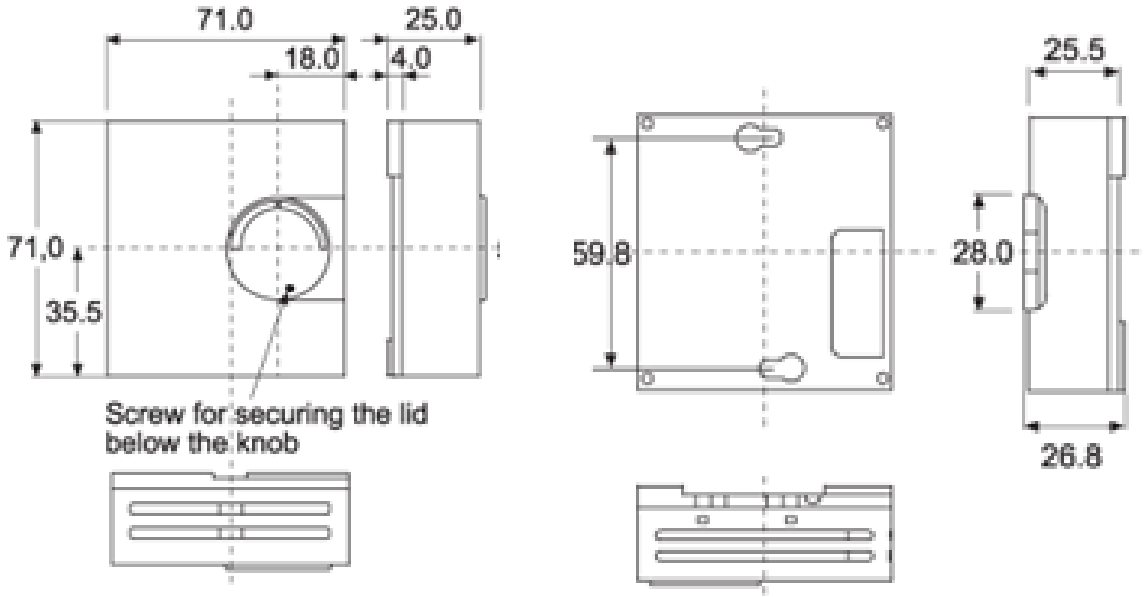
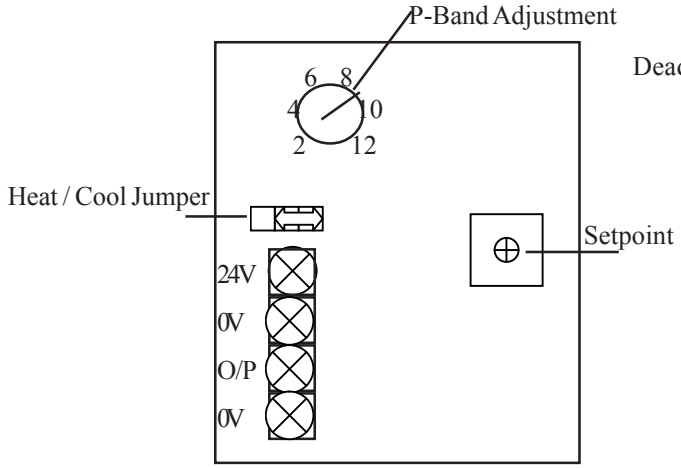
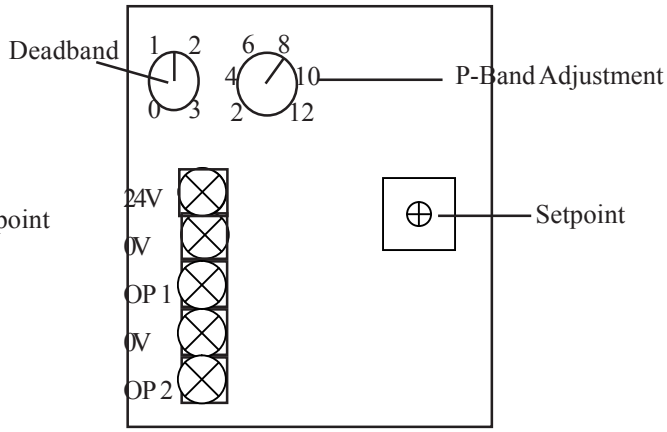
Dimensions:



Connection: AX-RC-P1

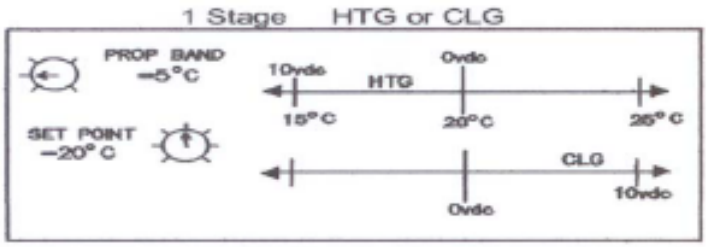


AX-RC-P2



Output 1 = Heating
Output 2 = Cooling

EXAMPLE SINGLE STAGE



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