Quantum dial thermostat

Stylish and simple to use, with a clear LED status indicator, the Quantum dial thermostat gives you easy and accurate control. All this, plus silent switching and a modern, compact design.

Contents

1. Thermostat mounting

Install the Quantum dial thermostat approximately 1.5m above the floor level. It should be mounted in a location where the thermostat is easily accessible and away from direct sunlight. For wall mounting, mark the correct position on the wall then mount the rear case to the wall.
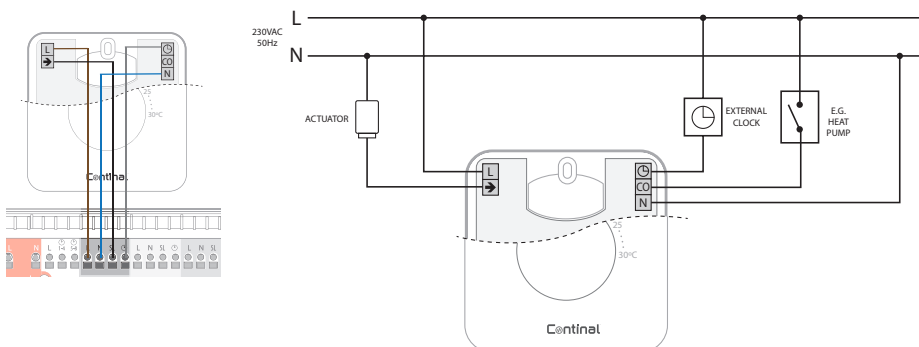

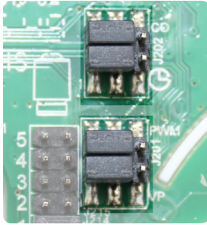Gently remove the front housing and make the wiring connections.

2. Terminal connection

Note: You can wire the thermostat directly to the Quantum wiring centre.

3. Switching bridges

Quantum dial thermostat switching bridges			
Switch	Feature	ON	OFF
VP	Valve protection feature	⬛◯◯◯	◯◯◯◯
PWM	Pulse-Width-Modulation	⬛◯◯◯	◯◯◯◯
🕐	NSB Function (2° or 4°)	2°C ⬛◯◯◯	4°C ◯◯◯◯

Different features of the Quantum dial thermostat can be switched ON or OFF with the jumpers.

4. Jumpers

The jumpers from 1 to 5 represent the number of actuators that you can connect to the thermostat.

After the actuators are mounted, move the jumper to the correct number of actuators.

Depending on the amount of actuators used, you need to change the jumper position accordingly to compensate for the power consumption.

5. Thermostat functions

NSB (Night Setback) Function

0V = NSB OFF
230V = NSB ON

The NSB signal is activated every 1 second. When the signal is received the setpoint temperature will be set at ±2°C or ±4°C.

6. Protection function

Heat cut off at high temperature:
When the room temperature is over 36°C, all heating outputs will be turned off.

Valve protection:
Set the jumper to 'ON' to disable the function or on 'OFF' to enable it. Turn on the valve for 5 minutes every week to prevent damage to the valve.

Sensor malfunction:
If the temperature sensor or temperature sensor compensation is open, the LED will flash alternate BLUE / RED.

7. Product compliance and safety

Product compliance
This product complies with the essential requirements and other relevant provisions of Directives 2014/30/ EU, 2014/35/EU, 2014/53/EU and 2011/65/EU.

Safety information
Use in accordance with the regulations. Indoor use only. Keep your device completely dry. Disconnect your device before cleaning it with a dry cloth.

Note: Always isolate the AC mains supply before installing or working on any components that require 230 VAC supply.

Want more information?

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