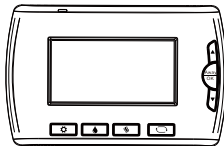


PCT502 Smart Thermostat (EU)

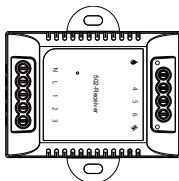
Installation Guide

1 In the box

Thermostat



Heat receiver



2 Installation

WARNING:

High voltage. The PCT502 thermostat must be installed and serviced only by qualified electrical personnel.

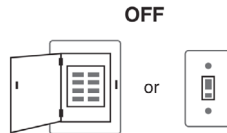
Before the installation, please notice:

The Thermostat and Heat receiver communicate wirelessly within 30 meters. Walls and large objects between them can affect the communication range.

You should install the receiver first, and do not connect the thermostat directly to your heating system.

1. Switch off the power

Before you get started, please turn off the power. Adjust the temperature in your old thermostat to double check the system is off.



2. Position the heat receiver

The Thermostat and Heat receiver communicate wirelessly within 30 meters. Walls and large objects (boiler, hot water tank, etc.) between them can affect the communication range, and metal objects can block the signal, please try to avoid those objects when installing the heat receiver.

3. Connect the wires

Run cable from the boiler or junction box to wire up the heat receiver:



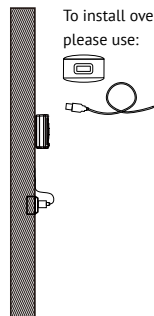
Terminal designation:

Terminals	What it means
L	Live wire
N	Neutral wires
1	Hot water relay normally closed, (3A resistive, 1A inductive)
2	Hot water relay common, (3A resistive, 1A inductive)
3	Hot water relay normally open, (3A resistive, 1A inductive)
4	Heating relay normally open, (3A resistive, 1A inductive)
5	Heating relay common, (3A resistive, 1A inductive)
6	Heating relay normally closed, (3A resistive, 1A inductive)
	Hot water LED indicator
	Heating LED indicator

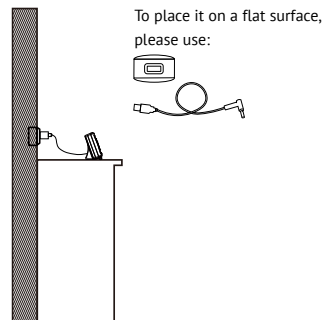
4. Install the thermostat

Please notice that if you are replacing an existing wired thermostat, you should disconnect the pre-existing wires and the wires left at the PCT502 position should be terminate within an enclosure to prevent access.

You can install the thermostat over a socket or place it on a flat surface (use the stand backplate):



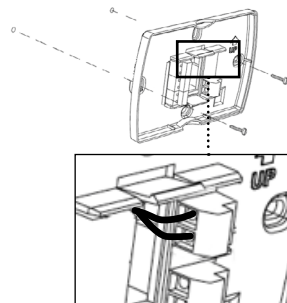
To install over a socket, please use:



To place it on a flat surface, please use:

Install the PCT502 over a socket

Attach the base to the wall with the screws and insert the power line into the terminals. Then gently push the PCT502 to the base until it clicks.



Place the PCT502 on a flat surface

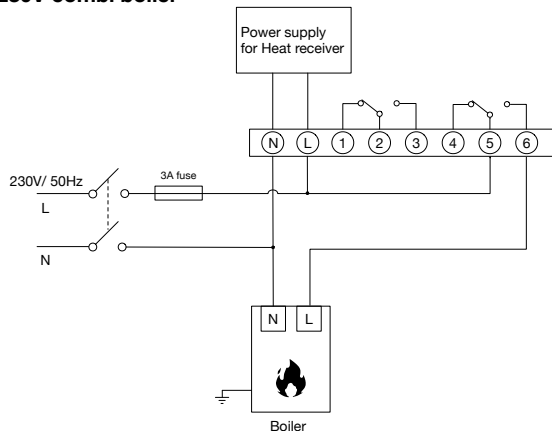
Use the stand backplate, and choose the 5V DC power line to power on the thermostat.

5. Power on your system

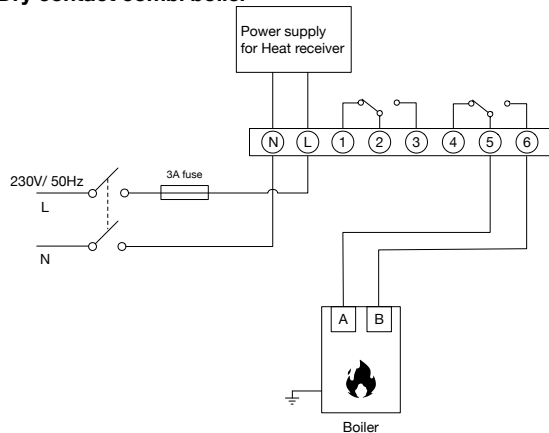
Congratulations, you are now finished with the installation. Now you can continue to setup the ZigBee network.

3 Wiring diagrams

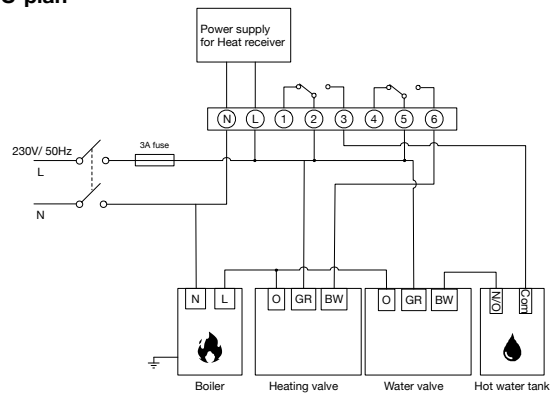
230V combi boiler



Dry contact combi boiler



S-plan



Y-plan

