

# Quantum wiring extension-RF



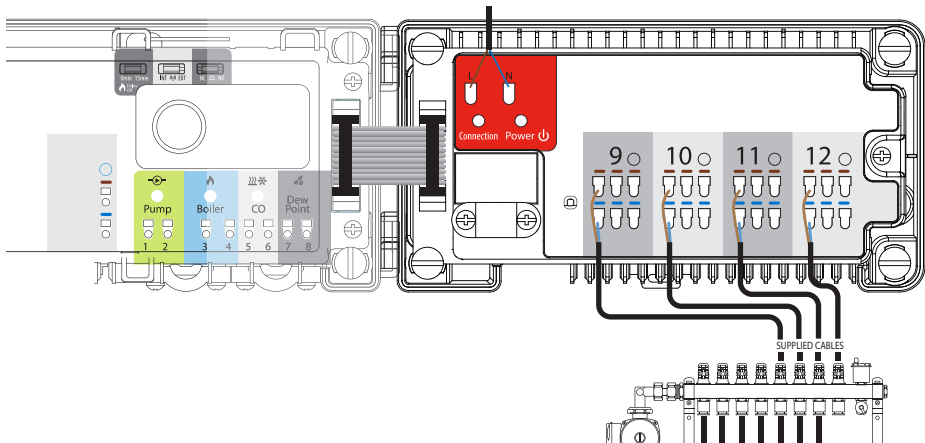
Simple to operate and easy to install, our Quantum wiring extension-RF increases the capabilities of your Quantum wiring centre-RF.

This plug-in unit allows you to attach up to 4 more thermostats, using simple push-in connectors. Super-clear LEDs keep you in the picture.

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## 1. Wiring diagram



## 2. Pairing thermostats with the Quantum wiring extension-RF

Pairing thermostats should be done using the Quantum wiring centre-RF where the Quantum coordinator is connected.

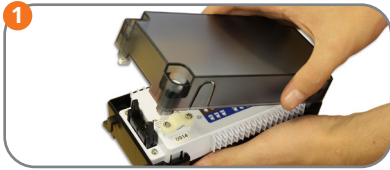
If you connect the Quantum wiring extension-RF to the Quantum wiring centre-RF on first installation, all of the thermostats on both the wiring centres will be automatically paired.

If you connect the Quantum wiring extension-RF to the Quantum wiring centre-RF after the thermostats have been paired, you must pair thermostats with the Quantum wiring extension-RF.

To do this:

1. Turn off the power to the Quantum wiring centre-RF
2. Connect the Quantum wiring extension-RF to the Quantum wiring centre-RF
3. Power on the Quantum wiring centre-RF and the Quantum wiring extension-RF
4. Remove the front cover of the Quantum wiring centre-RF and press and hold the coordinator button for five seconds
5. Pair the thermostats in zones 9 to 12
6. Press and hold the Quantum coordinator button again for five seconds
7. Replace the front cover of the Quantum wiring centre-RF

### 3. Installation



Remove the plastic cover. Open the four white screws with a quarter turn only.



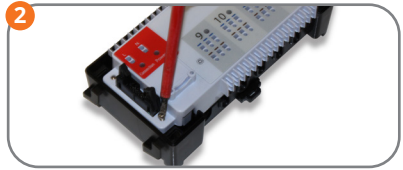
Attach the back of the Quantum wiring extension-RF to the DIN rail or wall. If you are fitting to the side, use the short ribbon cable. Otherwise, use the long ribbon cable (see step 10). The following shows the side-mounted, wall installation:



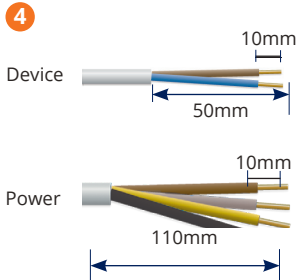
Replace the white connection board.



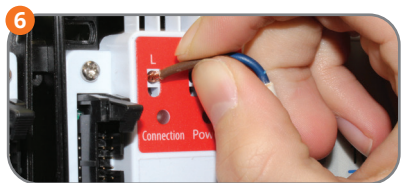
Attach the white strain-relief using the two screws to secure the power wires.



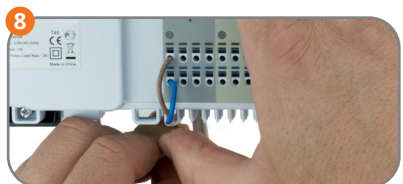
Remove the white terminal connection board.



Cut the power and device cables to length.



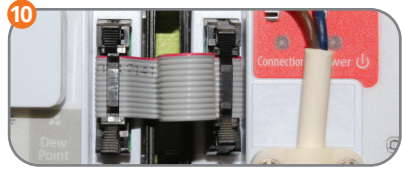
Insert the power wires.



Push the actuator wires into the holes at the bottom of the wiring extension-RF. You can connect up to four actuators in each zone.



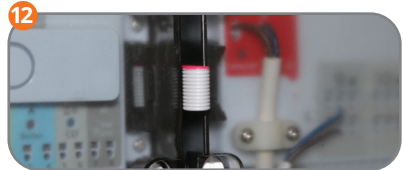
Remove the plastic cover from the Quantum wiring centre-RF.



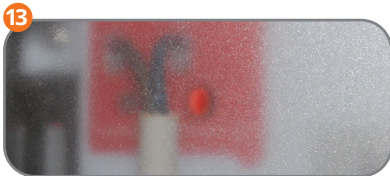
Attach the short ribbon cable between the Quantum wiring centre-RF and the Quantum wiring extension-RF for side installation, otherwise use the long ribbon cable.



Push out the cut out on the bottom of the cover of the Quantum wiring extension-RF.



Replace the plastic cover.



Switch on the mains power supply to the unit. The red LED comes on.

## 4. LED indications

Name	Colour	Meaning
Connection	•	Quantum wiring extension-RF is connected to the Quantum wiring centre-RF
Power	•	Quantum wiring extension-RF is supplied with 230VAC power
Zone 9 actuators	•	Demand from zone 9 thermostat, actuator open
Zone 10 actuators	•	Demand from zone 10 thermostat, actuator open
Zone 11 actuators	•	Demand from zone 11 thermostat, actuator open
Zone 12 actuators	•	Demand from zone 12 thermostat, actuator open

## 5. Product compliance and safety information

### Product compliance

This product complies with the essential requirements and other relevant provisions of the following EU Directives: EMC 2014/30/EU, Low Voltage Directive LVD 2014/35/EU and RoHS directive 2011/65/EU.

### Safety information

Use in accordance with national and EU regulations. Device is intended for indoor use only in dry conditions. Installation must be carried out by a qualified person in accordance with national and EU regulations.

Before attempting to setup and install, make sure that the devices are not connected to any power source. Installation must be carried out by a qualified person. Incorrect installation may cause damage to the devices. The Quantum wiring extension-RF should not be installed in areas where it may be exposed to water or damp conditions.

## Want more information?

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