

**Meets the following EC Directives**

- Electro-Magnetic Compatibility directive 2004 / 108 / EC
- Low-voltage Directive 2006/95/EC

These instructions apply to the SALUS model stated above.

**Warning**

This product must be fitted by a competent person, and installation must comply with the guidance, standards and regulations applicable to the country or state where the product is installed. Failure to comply with the requirements of the relevant guidance, standards and regulations could lead to injury, death or prosecution.

**Warning**

Always isolate the AC mains supply before installing or working on any components that require 230 VAC 50Hz supply.

**Warning**

The earth terminals on the KL04RF are for earth parking only. These terminals provide no earth protection.

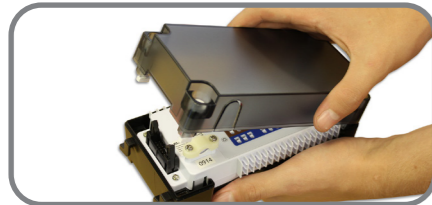
Maintaining a policy of continued product development SALUS Controls plc reserves the right to change specification, design and materials of products listed on this installation guide without prior notice.  
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For PDF Installation guide go to [www.salus-controls.com](http://www.salus-controls.com)

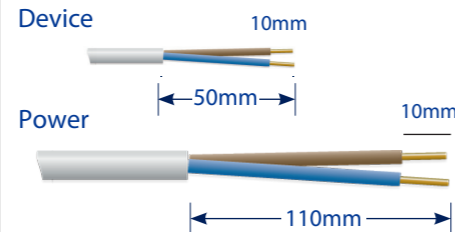
## Installing and Connecting the KL04RF

Use the KL04RF wireless wiring centre extension to simply and safely connect an additional four thermostats and actuators. Use the KL04RF only together with the KL08RF wireless wiring centre. Install the KL04RF only in dry and closed interior rooms. Relative air humidity in the room may not exceed 95%. Clean the KL04RF only with a dry and soft cloth. Do not use solvents or aggressive cleaning agents.

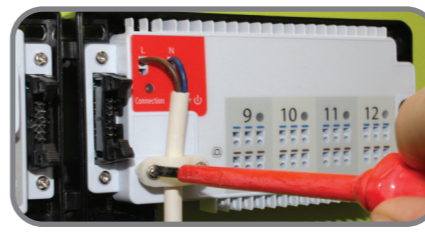
- 1** Remove the plastic cover. Open (and close) the four white screws with a quarter turn only. Note that screws on opposite sides turn in the opposite direction.



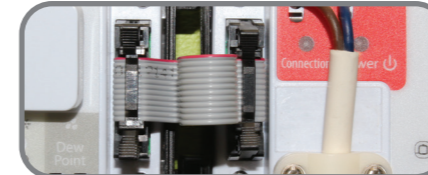
- 4** Cut the power and device cables to length.



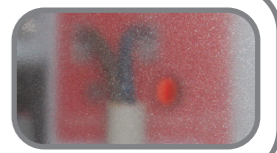
- 7** Attach the white strain-relief using the two screws to secure the power wires.



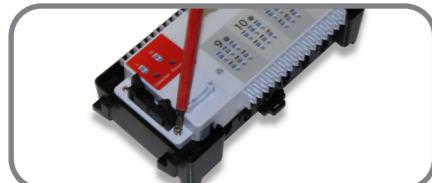
- 10** Attach the short ribbon cable between the KL08RF and KL04RF for side installation otherwise use the long ribbon cable. The following shows the side installation:



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



- 2** Remove the white terminal connection board.



- 5** Replace the white connection board.



- 8** Push the actuator wires into the holes at the bottom of the KL04NSB. You can connect up to four actuators in each zone.



- 11** Push out the cutout on the bottom of the cover of the KL04RF.



- 3** Attach the back of the KL04RF to the DIN rail or wall. If you are fitting the KL04RF to the side of the KL08RF, use the short ribbon cable otherwise use the long ribbon cable (see step 10). The following shows the side-mounted, wall installation:



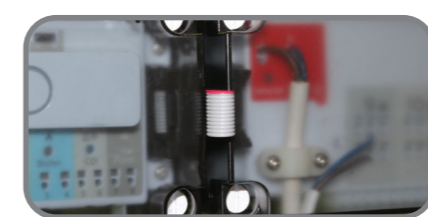
- 6** Push in the power wires.



- 9** Remove the plastic cover on the KL08RF.



- 12** Replace the plastic cover on the KL08RF and KL04RF.



### Pairing Thermostats with the KL04RF

This is done on the KL08RF wiring centre because the CO10RF coordinator is plugged in there.

If you connect the KL04RF to the KL08RF at first installation, all thermostats on both wiring centres will be paired.

If you later connect the KL04RF to the KL08RF after thermostats have already been paired with the KL08RF, you must pair thermostats with the KL04RF. To do this:

1. Shut down power to the KL08RF.
2. Connect the KL04RF to the KL08RF.
3. Power on the KL08RF and KL04RF.
4. Remove the front cover of the KL08RF and press and hold the coordinator button for five seconds.
5. Pair the thermostats in zones 9 to 12.
6. Press and hold the coordinator button again for five seconds.
7. Replace the front cover of the KL08RF.

For more details on pairing, see the KL08RF Installation and Wiring Guide.

### LED indications

Name	Colour	Meaning
Connection	●	KL04RF is connected to the KL08RF
Power	●	KL04RF is supplied with 230V 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