Wireless 8 Zones Wiring Centre

HR-03

HR-03 can receive up to 8-loops control signal coming from 8 RF room thermostats and control 16 thermal actuator zone valves. Besides as a central control unit, it can control the boiler and the circulation pump as well.

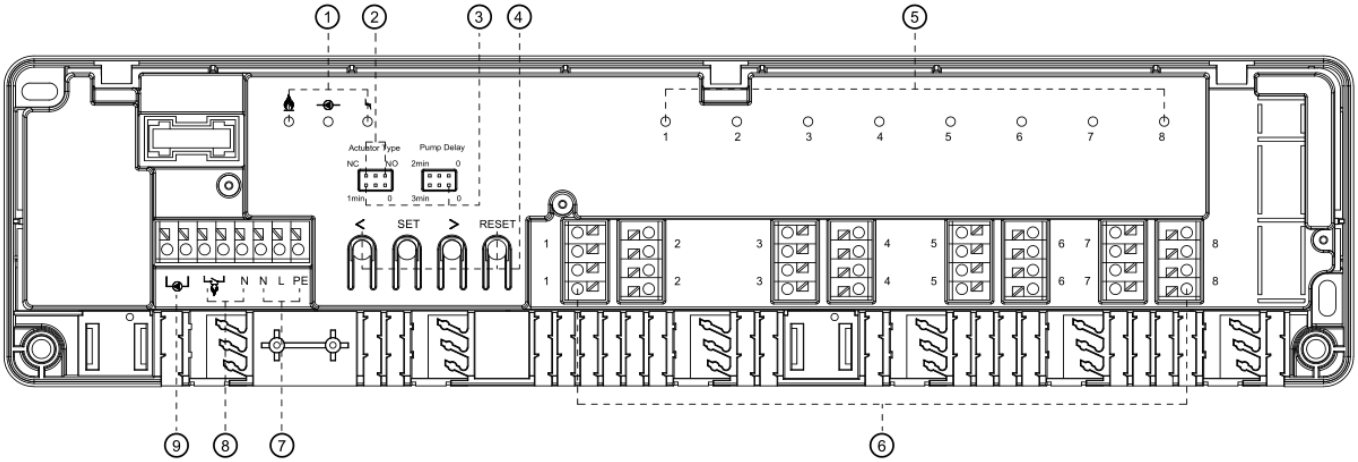
Functions

- ✓ Can work up to 8 room thermostats
- ✓ Can work up to 16 thermal actuators
- ✓ Boiler and Pump delay time settable
- ✓ Convenient wiring and installation

Technical Data

Power Supply:	230 VAC, 50/60 Hz
Heat Pump Output:	230Vac output
Frequency:	868Mhz
Boiler Output	Voltage-free output
Max. Current:	5A for each output
Dimensions:	Surface mounted, 353.5mm x 118.4mm x 59.5mm.
Certification:	CE/RoHS

Connection and indicators



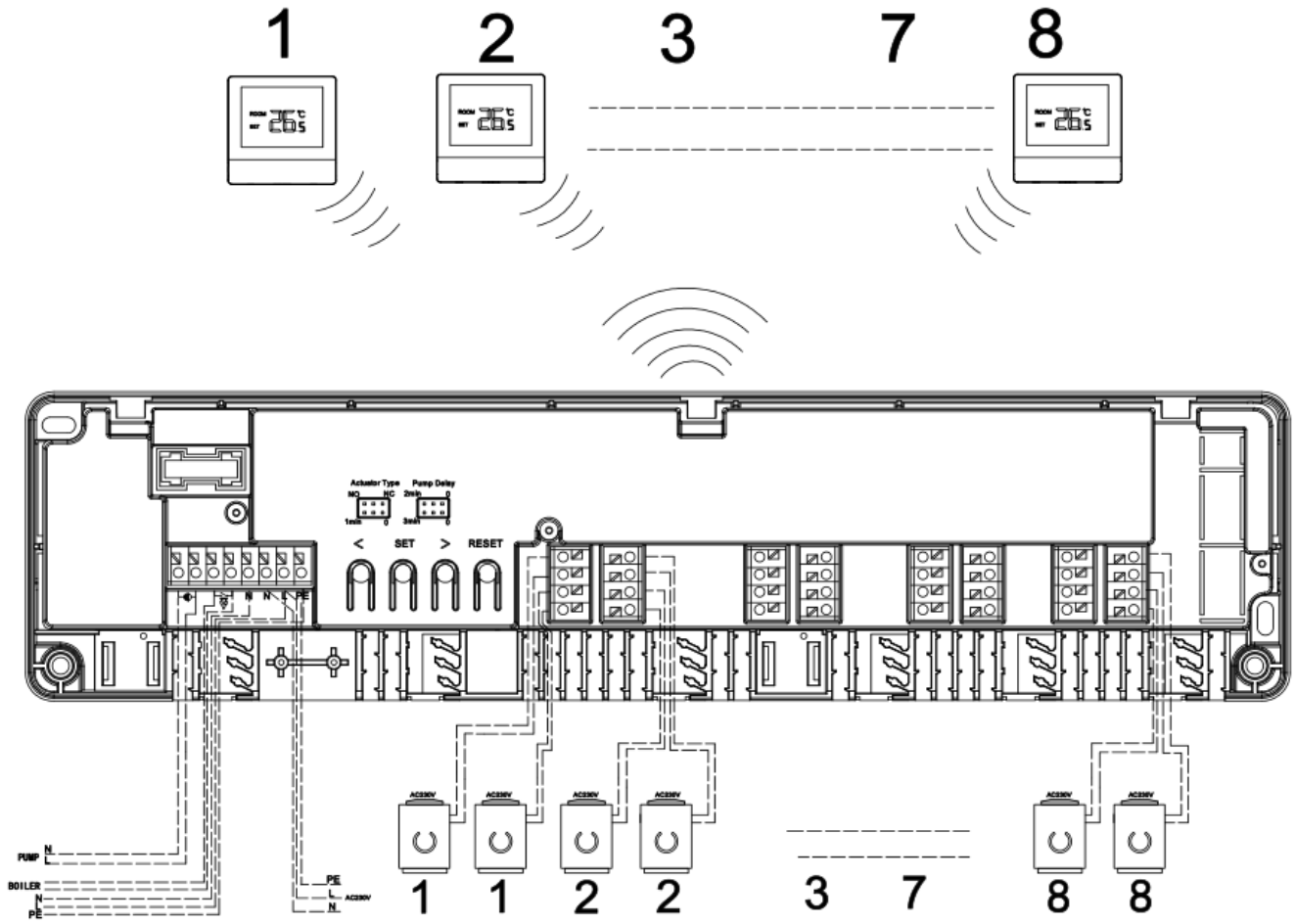
1. Boiler working LED indicator
   Pump working LED indicator
   230V Power LED indicator
2. Actuator NO/NC select
3. Pump and Boiler delay minutes setting
4. Increase & Decrease setting button
   SET button (ID paring)
   Reset button
5. Zone 1 ~ Zone 8 LED indicator
6. Zone 1~ Zone 8 thermal actuator connectors
7. 230V connector
8. Boiler connector
9. Pump connector

Actuator Type and Delay Time Setting

The pump and boiler delay time can set from 0~6 minute by bridge jumper as below picture.
The valve type can choose between NO and NC type as picture. Please adjust accordingly to needs.

0 Min.	NC NO 2min 0 1min 0 3min 0	4 Min.	NC NO 2min 0 1min 0 3min 0
1 Min.	NC NO 2min 0 1min 0 3min 0	5 Min.	NC NO 2min 0 1min 0 3min 0
2 Min.	NC NO 2min 0 1min 0 3min 0	6 Min.	NC NO 2min 0 1min 0 3min 0
3 Min.	NC NO 2min 0 1min 0 3min 0	Valve Type	NC NO

Wiring Diagram



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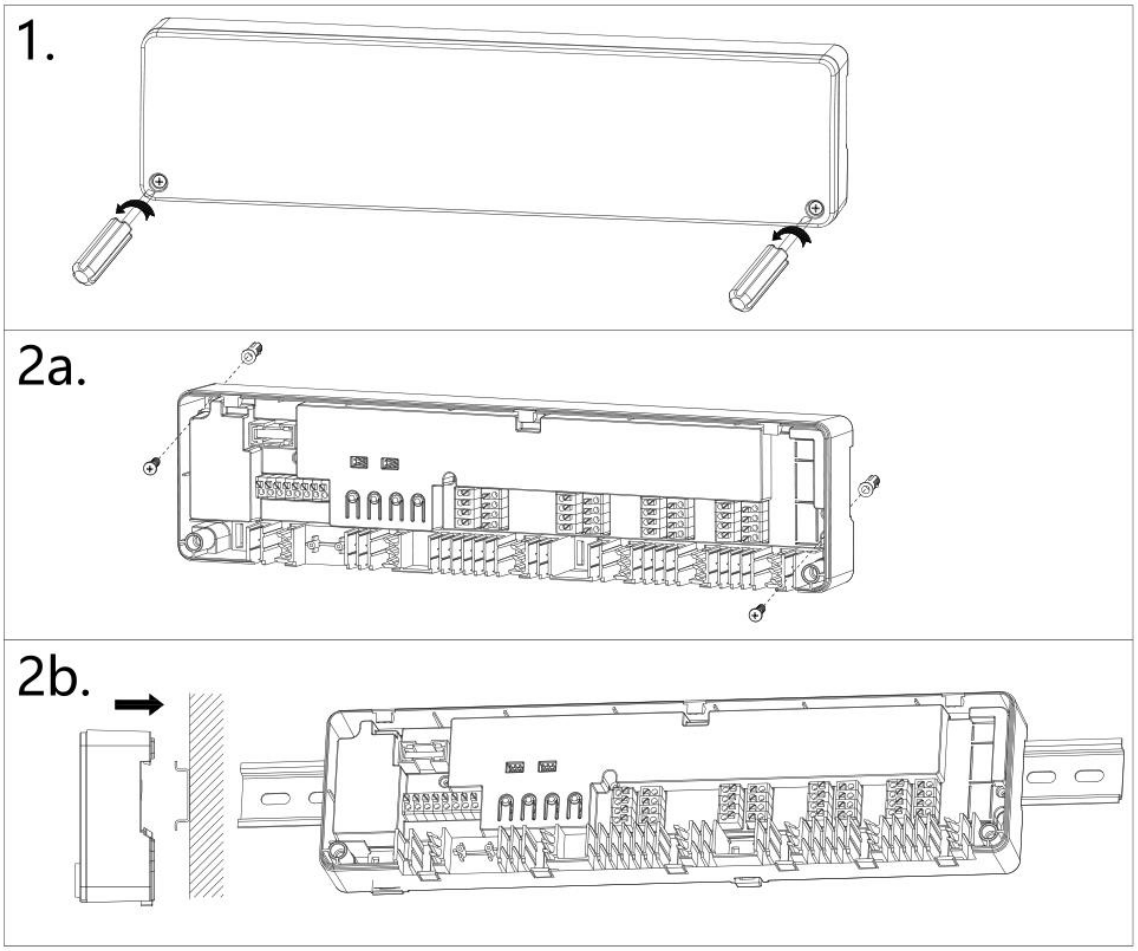
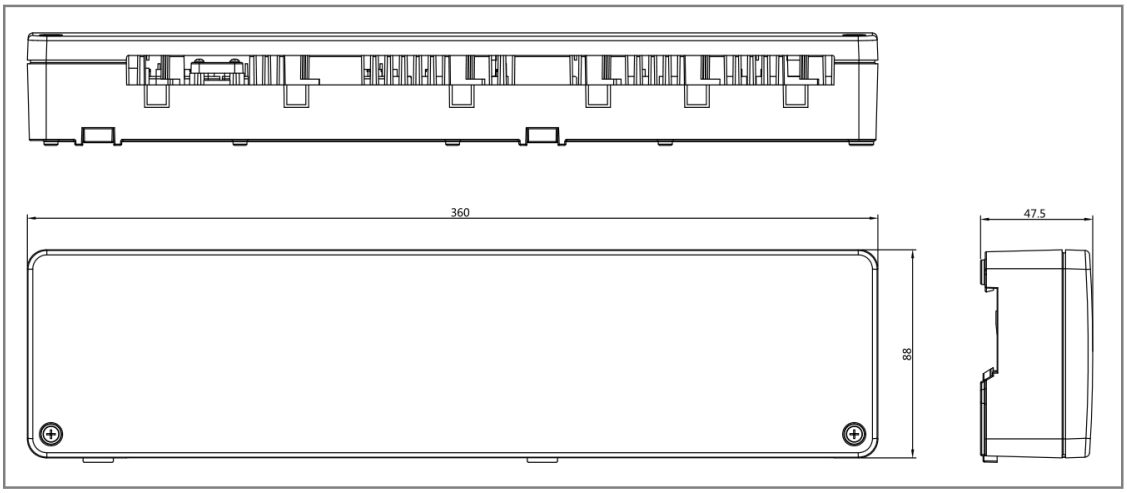
Installation

1. Loose the screw and remove the cover as step 1.
2. Install the base.

In case of wall mounting, fix the base with provided 2 screws on wall as step 2a

In case of using a mounting strip, choose a suitable strip. (DIN rail) as step. 2b

3. Make the electrical connection Fit the cover as step 6 and step 7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