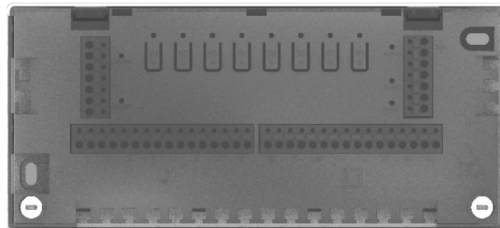


## 8-Zone Central Wiring Centre

# H-BOX308C

### Installation and Operating Manual



## Overview

- Central connection point for room thermostats and thermal actuators
- Eight independently controlled heating zones
- Two volt-free linkage outputs for a boiler or circulation pump
- Selectable linkage delay: 0, 1, 3 or 5 minutes
- Neat wiring, safe operation and convenient maintenance

### Electrical rating

AC 220 V  $\pm 15\%$ , 50/60 Hz

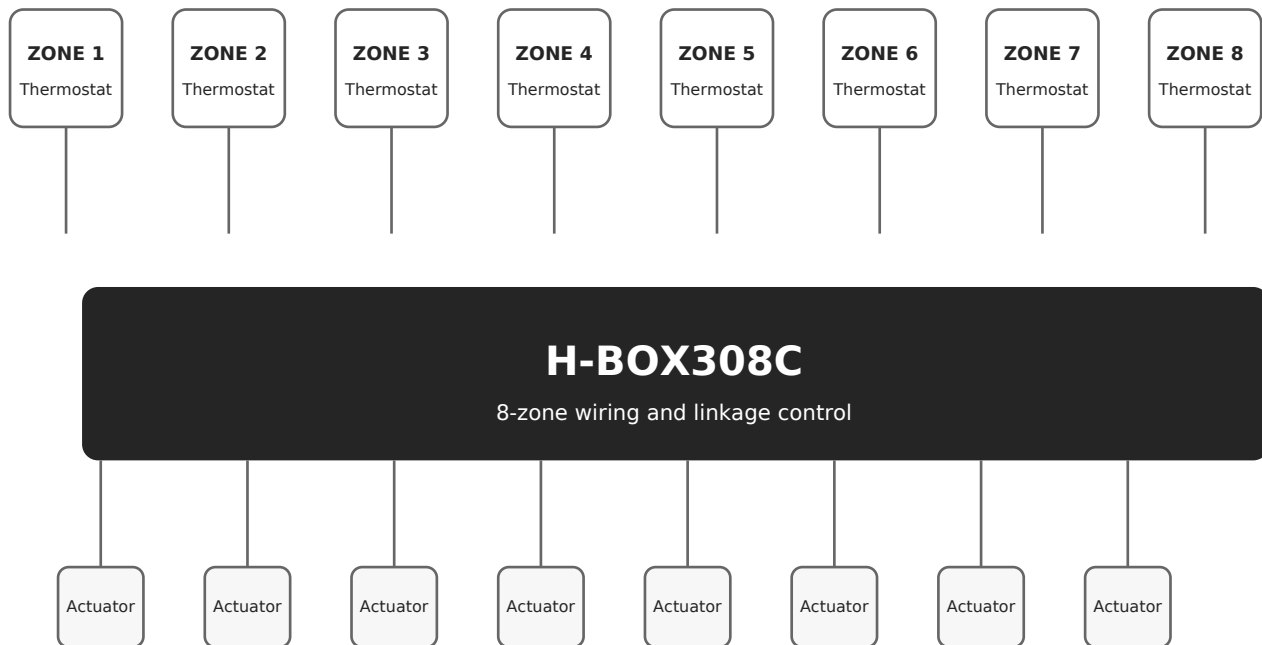
Maximum output current: 3 A

Indoor installation only | IP20

## System Overview

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### Typical Hydronic Floor-Heating System



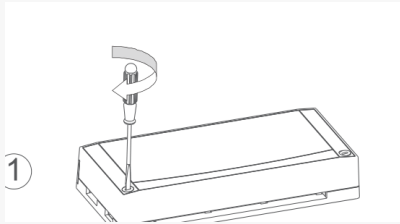
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#### Manifold and heating loops

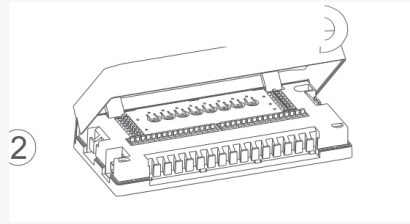
### Linkage Operation

- When any room thermostat calls for heat, its actuator opens.
- After the selected delay, the volt-free output starts the boiler or circulation pump.
- When all zones stop calling for heat and all actuators close, the boiler and pump stop.

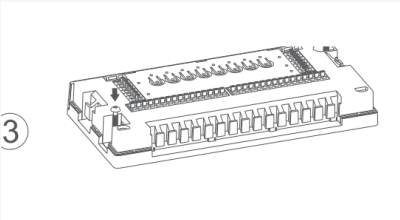
# Installation

**1**

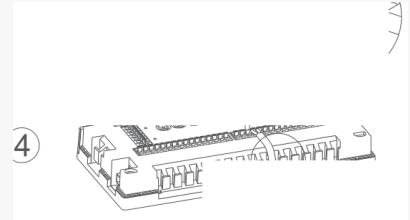
Insert a flat screwdriver from the side and rotate it 180°.

**2**

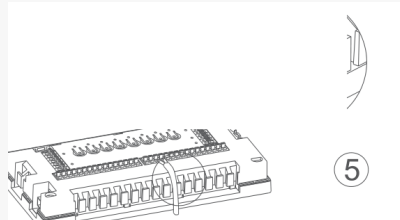
Lift and open the cover.

**3**

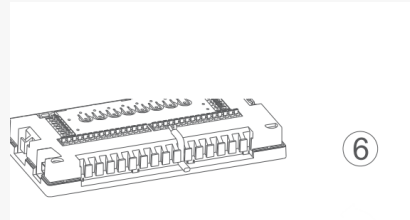
Install the fixing screw.

**4**

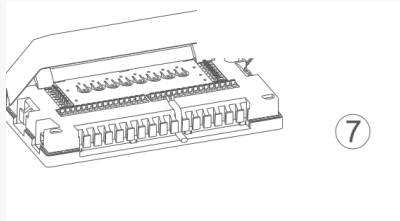
Strip the cable end and press the terminal to insert the wire.

**5**

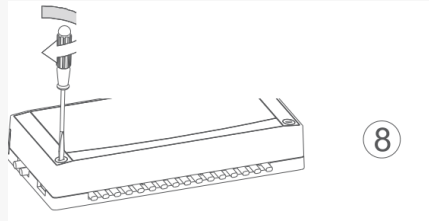
Route the cable through the wiring slot.

**6**

Arrange each cable neatly in the correct terminal position.

**7**

Close the cover.

**8**

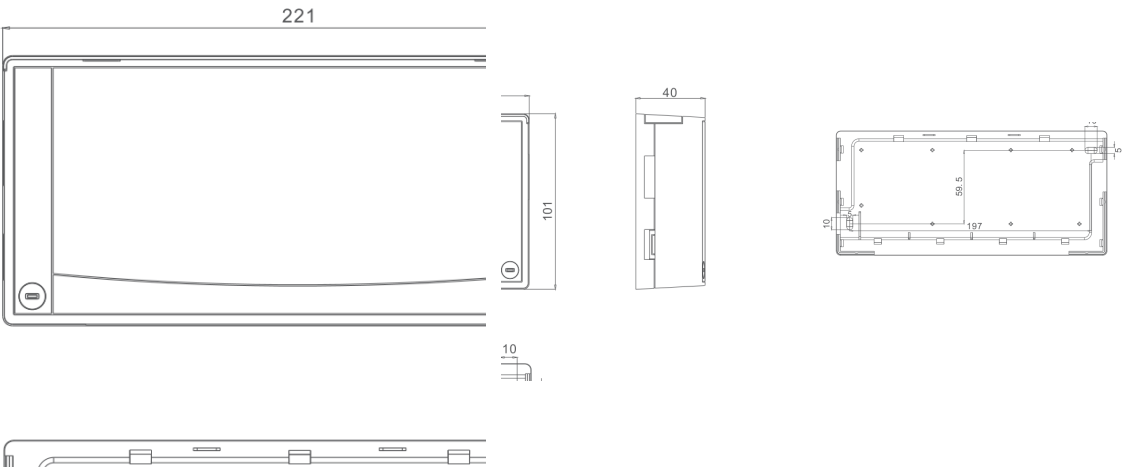
Rotate the lock 180° to complete installation.

# Technical Data and Dimensions

## Technical Specifications

|                     |                         |
|---------------------|-------------------------|
| Rated voltage       | AC 220 V ±15%           |
| Frequency           | 50/60 Hz                |
| Maximum current     | 3 A                     |
| Linkage output      | Volt-free contact       |
| Linkage delay       | 0 / 1 / 3 / 5 min       |
| Number of zones     | 8                       |
| Protection rating   | IP20                    |
| Ambient temperature | -5 to 50 °C             |
| Relative humidity   | <95% RH, non-condensing |

## Product Dimensions (mm)

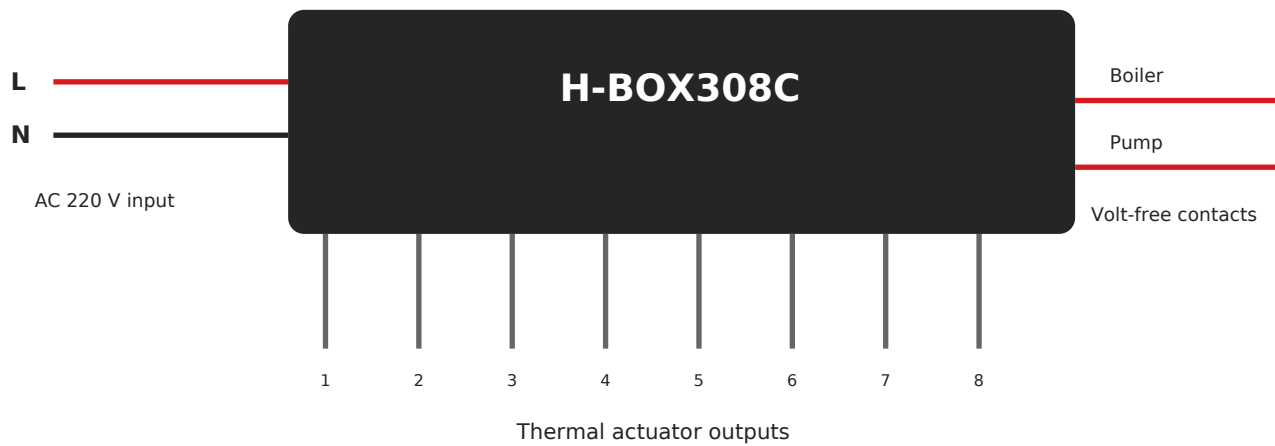


# Electrical Connections

## Terminal Functions

|                      |                                              |
|----------------------|----------------------------------------------|
| L / N                | AC 220 V power input                         |
| Zones 1-8            | Room thermostat inputs                       |
| Actuator outputs 1-8 | AC output to thermal actuators               |
| Linkage output A     | Boiler control - volt-free contact, 3 A max. |
| Linkage output B     | Pump control - volt-free contact, 3 A max.   |
| Delay selector       | 0, 1, 3 or 5 minutes                         |

## Simplified Wiring Layout

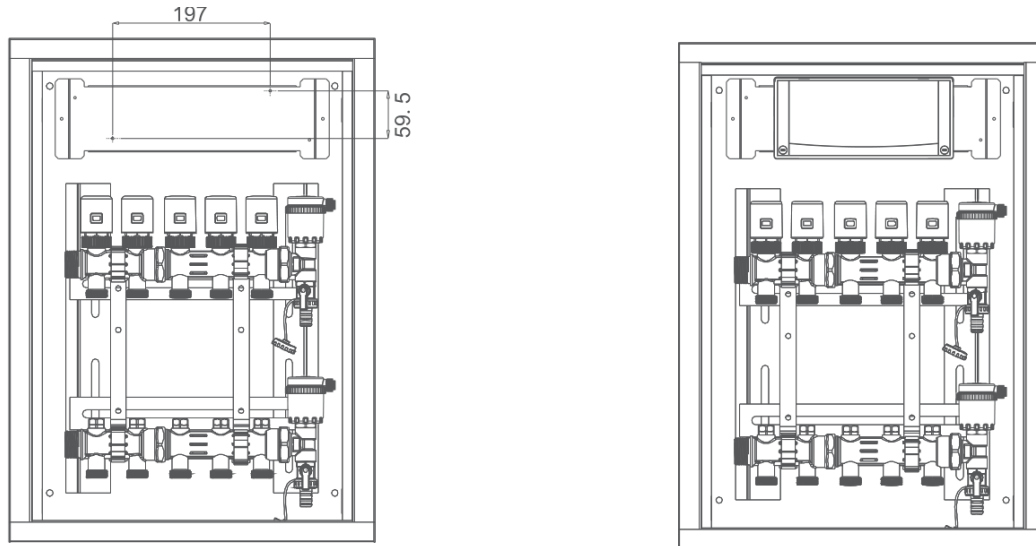


## Important

- Disconnect the power supply before wiring or servicing.
- The total connected current must not exceed 4 A; any single output must not exceed 3 A.
- Use only compatible 220 V room thermostats and thermal actuators.

# Mounting and Safety

## Enclosure Installation



Use an enclosure with a minimum height of 600 mm (for example, T400H).

## Included Accessories

- Instruction manual × 1
- Certificate of conformity × 1
- Junction-box mounting screws ST3.9 × 30 mm × 2
- Front-cover expansion screws M4 × 35 mm × 2

## Safety Notes

- Install indoors in a dry, ventilated location.
- Installation must be carried out by a qualified electrician.
- Verify the supply voltage and all terminal connections before energizing the unit.
- Keep this manual available for commissioning and future maintenance.