

RCH01 Radio control for heating circuits

The RCH01 is a wireless controller for underfloor heating circuit manifolds.

The controller has five electronic outputs for regulating the temperature of five control zones. A maximum of 18 thermo-electrical actuators and one circulation pump can be connected.

A wireless temperature sensor ST01 can be paired with each output. If the temperature sensor detects deviations from a set temperature, a sensor telegram is transmitted and the relevant RCH01 output is activated.

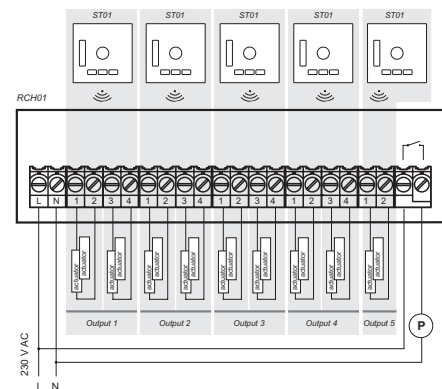


RCH01E5005-01-29K

Technical specifications

Coding	Easywave For each output one ST01 in I/O mode can be learned.
Frequency	868.30 MHz
Channels	5
Power supply	230 V AC, 50 Hz
Power consumption	max. 0.5 W
Operating mode	Heating circuit control
Outputs	5 electronic switching outputs 1 relay contacts (pump)
Maximum contact load	
Valve actuators	transistor control (Only ohmic load permitted!) Outputs 1 - 4: max. 4 valve actuators Output 5: max. 2 valve actuators max. 20 W total load per output
Pump	
- ohmic load $\cos\phi = 1.0$	5.0 A / 1,150 VA
- inductive load $\cos\phi = 0.8$	4.0 A / 920 VA
Degree of protection	IP55 (when delivered)
Operating temperature	0 °C to +60 °C
Dimensions	180 x 94 x 57 mm

Wiring diagram



Scope of delivery

- Radio control
- Mounting material
- Operating manual

Accessories (optional)

ACC-ANT50-03-21P 868.30 MHz external antenna cable length 5 m



ACC-ANT50-03-21P

Models

Product numbers

RCH01E5005-01-29K

Description

Radio control for heating circuits 230V for 5 thermostats and one circulation pump