

Specialist Eswa heating contractors

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## **Eswa CH-1 Room Thermostat**

### For Ceiling Heating Systems



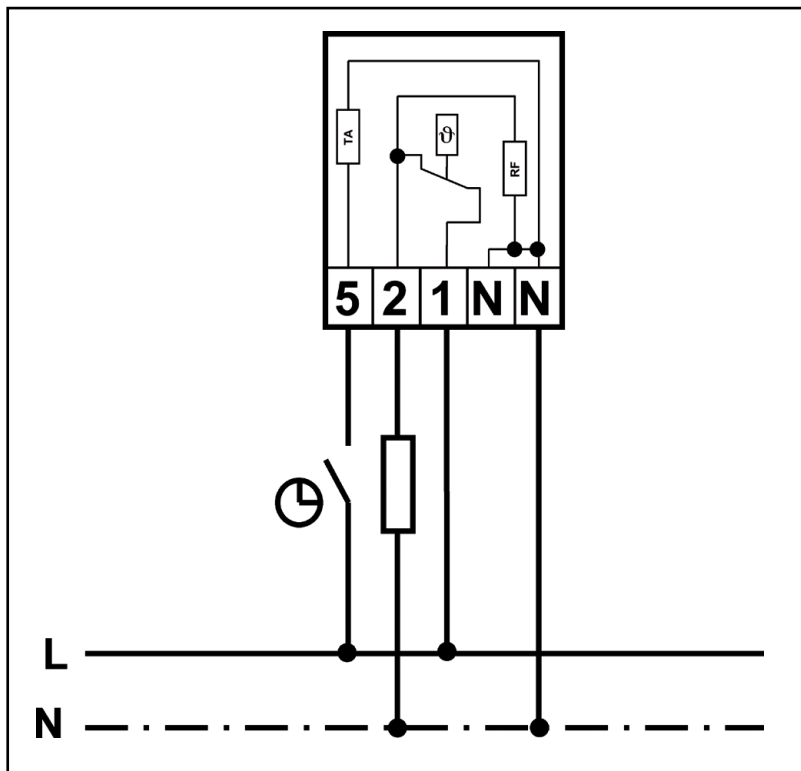
The CH-1 room thermostat has a high control accuracy that can be used to control temperature in individual rooms and zones.

- **Distinct connections and a large connection space for quick and easy installation**
- **Comfort setting range 5-30°C**
- **Fixed setback at 5 degrees below comfort (activated by external Hi/Low switch)**
- **Bi-metal thermostat with thermal feedback**
- **Flush wall mounting that includes patress**
- **Manual dial control for ease of use**

## Technical Data

Part Number	CH-1
Temperature range	5 to 30°C
Contact	Normally closed
Operating voltage	230V a.c. 50/60Hz
Switching power	10(4) A
Setback	~5K
Hysteresis	~0.5K
Protection type	IP30
Dimensions	75 x 75 x 25.5mm
Automatic Function	by external timer
Relative Humidity	Max 95% without condensation

## Wiring Diagram



1. Wire Mains L to Thermostat terminal 1
2. Wire Mains N to Thermostat terminal N
3. Wire Load L to Thermostat terminal 2
4. Wire Load N to Thermostat terminal N or mains N
5. Wire set back L to Thermostat terminal 5

### Installation instructions:

Pull off knob, release screw and remove outer case. Fasten main body to wall using slotted holes.

Wire according to wiring diagram.

When siting the thermostat, avoid draughts or direct sunlight.

Mount approximately 1.3m above floor level, preferably on an inside wall away from other heat sources.

Ensure earth continuity throughout.

### Caution!

The device may only be opened and installed according to the circuit diagram on the device or these instructions by a qualified electrician. The existing safety regulations must be observed. Appropriate installation measures must be taken to achieve the requirements of protection class II. This independently mountable electromechanical device is designed for controlling the temperature in dry and enclosed rooms only under normal conditions. The device conforms to EN60730, it works according to operating principle 1C.



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