



PRODUCT FEATURES

- Internal room sensor
- Floor sensor
- Power regulator
- Temperature limiter
- 3 modes; Heat - Cool and Eco
- Hysteresis/PWM
- Temperature calibration
- External room sensor (wired by cable)
- Open window detection
- ZeroX detection
- Relay status icon
- Adjustable display brightness
- Single pole switch
- Lock mode/child lock
- Active power metering

PRODUCT DATA

Colour	White RAL 9010
Min. and max ambient humidity (RH%)	10 til 85%
Ambient temperature range in use	5 til 40°C
Ambient temperature range in storage	-30 til 70°C
Min/max installation temperature	5 til 40°C

THERMOSTAT DATA

Compatible NTC-sensors (kΩ @ 25°C)	6.8, 10, 12, 15, 22, 33, 47, 100
Power regulator	Timed cycle 0-30 minutes
Error margin temperature	0,5
Temperature sensitivity	±0,5
Hysteresis	0,3 to 3,0 (default hysteresis 0,5)
Ohm value at 25°C	10kΩ
Regulation temperature	5 til 40°C

STANDARDS

Certification	Reach, RoHS
EN Standards	CE, Nemko
IP Code	IP21

WARRANTY

MULTIREG6 WHITE RAL 9010

Thermostat 3600W 16A

Art.no	5430533
GTIN	7071236018032

Multireg6 is an electronic thermostat designed for electrical heating. The thermostat has a user friendly interface that can be controlled from the buttons on the front of the thermostat.

Multireg6 has 3 modes; Heat - Cool and Eco.

The thermostat fits in standard European junction boxes and may be used with most System 55 frames. It has a sturdy metal frame for secure fastening on the junction box. The thermostat has one built-in room temperature sensor. Two additional external temperature sensors may also be connected.

The product has implemented ZeroX technology. This technology makes sure the relay switches at 0V when turning on and off. With this technology the thermostat will have a much longer lifetime.

Multireg6 has active power metering, which allows the user to see the total accumulated energy consumption in kWh.

IOT / SMART HOME SPECIFIC DATA

Alternate IoT-communication protocols	No alternative communication protocols
Push buttons	3
Temperature measurement range	5 til 40°C

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Max load (resistive load)	3600W
Own power usage	1W
Switch type	One-pole switch
Max load (resistive load)	16A
Connection type	Screw clamps
Connection terminals diameter	0.2 til 2.5mm <sup>2</sup>
Max tightening torque connections	2N·m



## MAINTENANCE

The device is maintenance-free. Indoor use only.

## ADDITIONAL INFORMATION

Approved for use in bathrooms.

ZeroX Detection is pronounced Zero Cross Detection.

## PRODUCT INFO RETURN AND RECYCLING

The product must be recycled as electronic waste.

## DISCLAIMER

The device can withstand a load of max 16A/3600W at 230VAC. We recommend a contactor for loads above 13A.

Never change the front from one thermostat to another.

All electrical installations must be carried out by an authorized electrical installer.

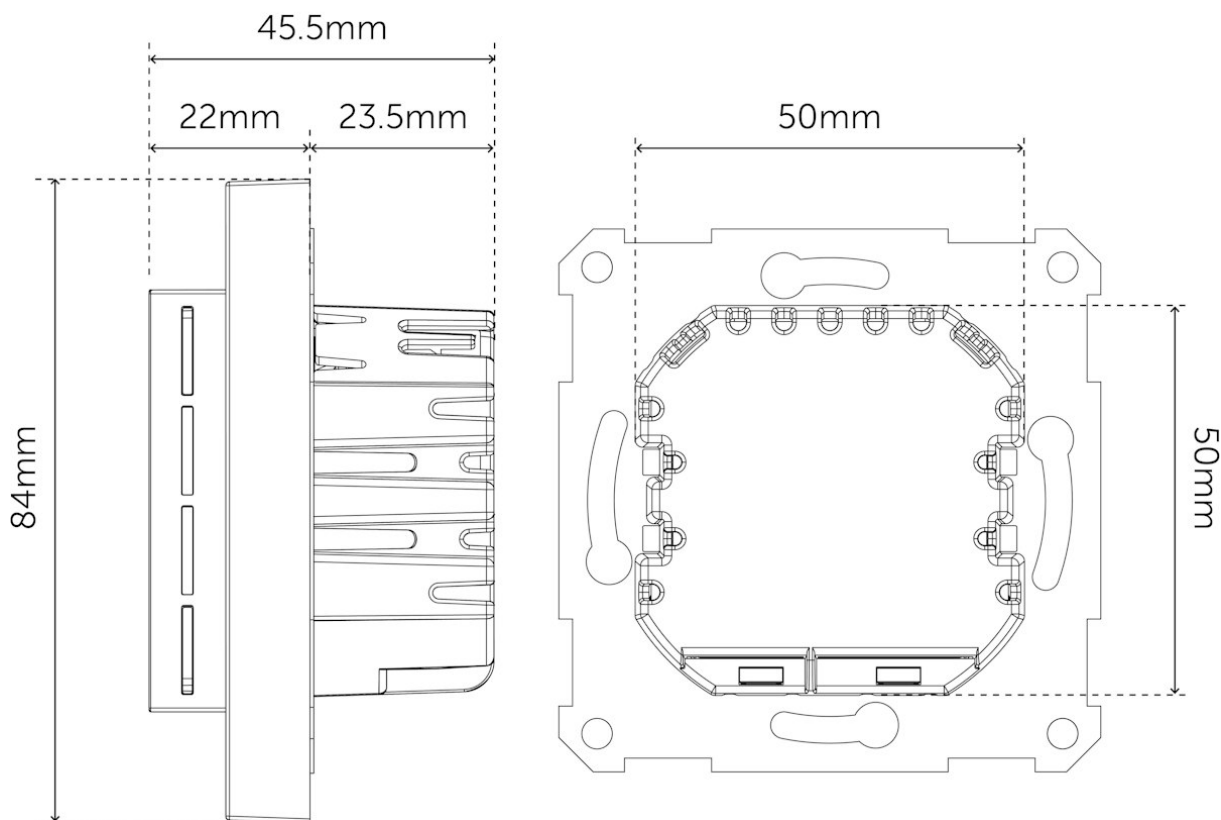
The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse, damage of the product, is not covered under warranty.

Updated documentation is available at [www.thermo-floor.no/www.heatit.com](http://www.thermo-floor.no/www.heatit.com) og/eller [documents.thermo-floor.no/documents.heatit.com](http://documents.thermo-floor.no/documents.heatit.com)  
Thermo-Floor AS/Heatit Controls AB can not be held liable for any type of errors or omissions in our product information.  
Product specifications may change without further notice.



# MULTIREG6 THERMOSTAT

## DIMENSIONS



**Multireg6 White RAL 9010 can be ordered from**  
**[www.thermo-floor.no/5430533](http://www.thermo-floor.no/5430533)**

All additional documentation are available on the above adress and on [documents.thermo-floor.no/5430533](http://documents.thermo-floor.no/5430533)

