



## MULTIREG LCD3 WHITE RAL9010

Thermostat with frost guard function

**Art.no** 5430574  
**GTIN** 7071236016816

Multireg LCD3 is an electronic thermostat designed for electric underfloor heating. The thermostat fits in standard European junction boxes and may be used with most System 55 frames. Multireg LCD3 has the option of a weekly program. It has an internal sensor and can be connected to two external sensors.

Multireg LCD3 also has two modes for outdoor use. When using two sensors, it is possible to limit the ground temperature additionally. Multireg LCD3 is designed to melt snow and ice on the ground, stairs, and smaller outdoor areas. The thermostat operates within a specific temperature range.

### PRODUCT FEATURES

- 7 segment LED display
- Floor sensor
- Internal room sensor
- Temperature limiter
- +/- thermostat with sensor
- Weekly schedule
- External room sensor (wired by cable)
- Clock function
- Setback via pilot wire
- Single pole switch
- Lock mode/child lock
- Backlight
- Temperature calibration

### 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   |

### THERMOSTAT DATA

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Compatible NTC-sensors (kΩ @ 25°C) | 6.8, 10, 12, 15, 22, 33, 47, 100    |
| 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             | -20 til 40°C                        |

### STANDARDS

|               |      |
|---------------|------|
| Certification | CE   |
| EN Standards  | CE   |
| IP Code       | IP21 |

### WARRANTY

### ELECTRO TECHNICAL DATA

|                                   |                            |
|-----------------------------------|----------------------------|
| Voltage                           | 230VAC 50Hz                |
| Max load (resistive load)         | 3600W                      |
| Own power usage                   | 1.5W                       |
| 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.

## 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.

Supplied with a floor sensor (Art.no 54 301 07).

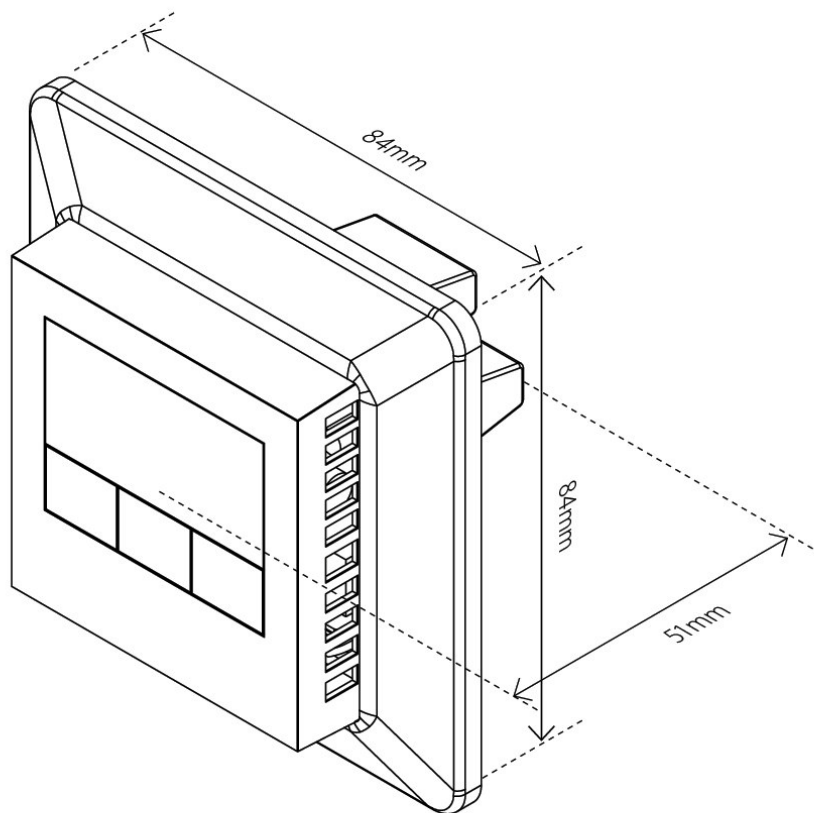
All electrical installations must be carried out by an authorized electrical installer.

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.



**Multireg LCD3 White RAL9010 can be ordered from  
[www.thermo-floor.no/5430574](http://www.thermo-floor.no/5430574)**

All additional documentation are available on the above adress and on [documents.thermo-floor.no/5430574](http://documents.thermo-floor.no/5430574)

