



karlik IRT-2_EN Electronic Temperature Controller User Manual

[Home](#) » [Karlik](#) » karlik IRT-2_EN Electronic Temperature Controller User Manual 

Contents

- [1 karlik IRT-2_EN Electronic Temperature Controller](#)
- [2 Technical Data](#)
- [3 Warranty Terms](#)
- [4 Product Usage Instructions](#)
- [5 Installation](#)
- [6 ELECTRONIC TEMPERATURE CONTROLLER WITH AERIAL SENSOR](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

karlik

karlik IRT-2_EN Electronic Temperature Controller



Product Information

The electronic temperature controller with the aerial sensor is a device that automatically maintains set air temperature or floor temperature. It is suitable for use in rooms with any type of heating, including underfloor heating or radiators. Each circuit constitutes an independent heating system that can be set individually.

Technical Data

- Power Supply Symbol: IRT-2
- Load Range: Not specified
- Type of Work: Automatic temperature control
- Type of Regulation: Not specified
- Scope of Regulation: Not specified
- Dimension with External Frame: Not specified
- Protection Index: Not specified

Warranty Terms

The product comes with a warranty of twelve months from the date of purchase. In case of any defects, the defective controller must be delivered to the producer or seller along with the purchased document. The warranty does not cover fuse exchange, mechanical damage, damages raised by self-repair, or improper use. The warranty period shall be extended by the duration of the repair.

Product Usage Instructions

Note: The assembly of the electronic temperature controller should be carried out by a suitably qualified person with deactivated voltage and should meet national safety standards.

1. Refer to the electric connection scheme provided in the manual.
2. Connect the electric wires as per the connection scheme.
3. Install the knob limiters, adapter, control module, intermediate frame of the ICON series, an external frame of ICON series, rear for the external frame of the ICON series, and the power supply module as per the

instructions provided in the manual.

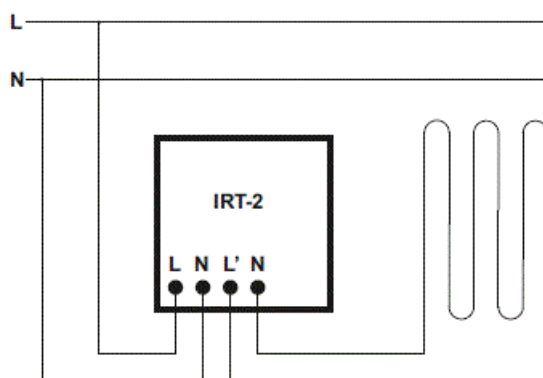
4. Once the installation is complete, turn on the power supply.
5. Set the desired temperature for each circuit independently using the temperature control knob.
6. The electronic temperature controller will automatically maintain the set temperature for each circuit.

Installation

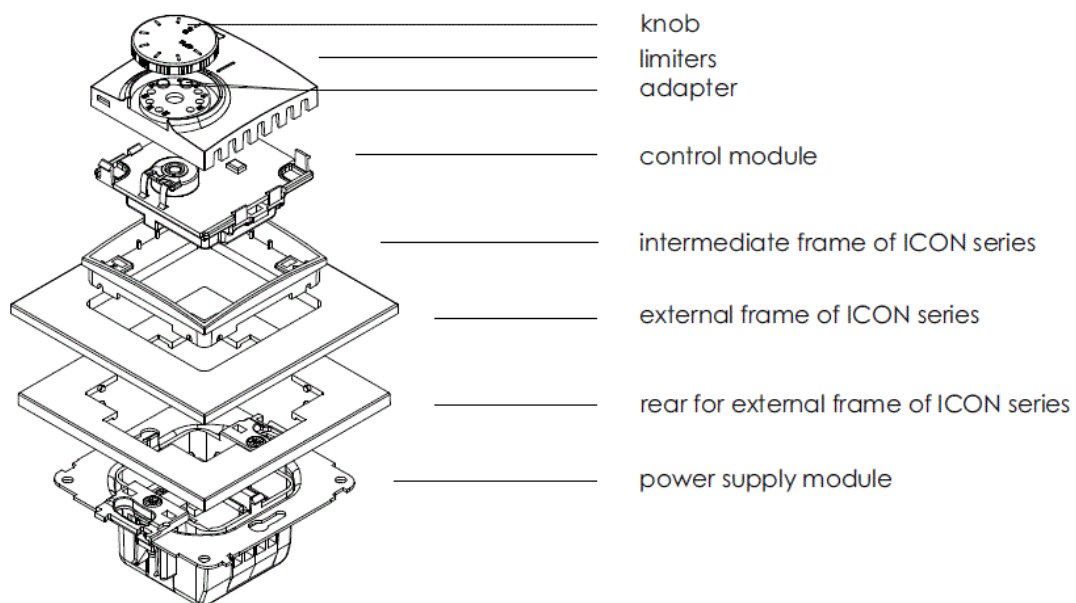
1. Deactivate the main fuses of home installation.
2. Prise the control knob with use of a screwdriver and remove it.
3. Push clips on side walls of the lid with flat screwdriver and remove the adapter of the controller.
4. Push clips on side walls of the lid with flat screwdriver and remove the control module.
5. Pull out the intermediate frame from the control module of the controller.
6. Connect installation wires to the power supply module following the diagram below.
7. Assemble the power supply module of the controller in the installation box with resilient clips or fastening screws that are supplied with the box. To provide precise temperature measurement watch that the adapter of the control module is in the bottom part of the power supply module.
8. Assemble the external frame with the intermediate frame.
9. Push slightly the control module to press it into the power supply module.
10. Assemble the adapter and watch the precise click of the clips.
11. Set the minimal and maximal temperature with the use of limiters (the standard setting is 5+40°C).
12. Assemble the control knob.
13. Activate the main fuses of the home installation and run an operational test.

ELECTRONIC TEMPERATURE CONTROLLER WITH AERIAL SENSOR

Electric connection scheme of the electronic temperature controller



Components of the electronic temperature controller with aerial sensor



Documents / Resources

<p>USER MANUAL - ELECTRONIC TEMPERATURE CONTROLLER WITH AERIAL SENSORS</p> <p>karlik IRT-2_EN Electronic Temperature Controller</p> <p>IRT-2_EN Electronic Temperature Controller, IRT-2_EN, Electronic Temperature Controller, Temperature Controller, Controller</p>	<p>karlik IRT-2_EN Electronic Temperature Controller [pdf] User Manual</p> <p>IRT-2_EN Electronic Temperature Controller, IRT-2_EN, Electronic Temperature Controller, Temperature Controller, Controller</p>
---	---