

# Analog room thermo-controller IART2-1

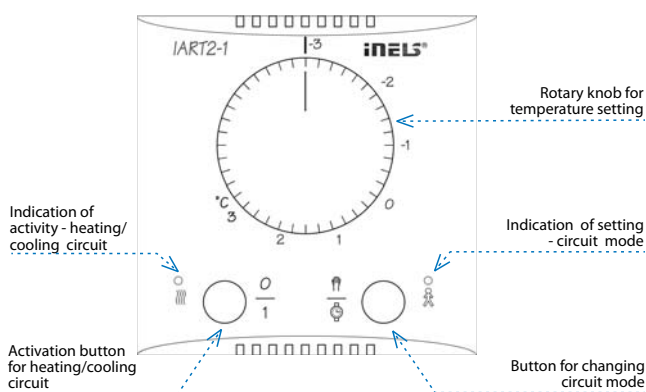


30mm  
65mm



- Analog room thermo-regulator serves to regulate temperature in a room, or in a building.
- By using a rotary element, it is possible to control required temperature of a circuit, for heating/cooling.
- Buttons enable changing a circuit mode heating/cooling.
- It belongs to basic and most frequently used elements of INELS system.
- It serves to regulate a particular heating circuit. Heating circuit is assigned to a thermo-regulator by program INELS Designer Manager (IDM).
- An in-built temperature sensor, which is a part of this device, serves to measure ambient temperature.

## Device description



## Connection

## Technical parameters:

### Inputs

Temperature measuring:	YES, in-built thermo sensor
Correction of heating/cooling circuit:	$\pm 3\text{ }^{\circ}\text{C}$
Manual control of heat. circuit:	2x button

### Outputs

Indication of state/heating/cooling circuit:	2x double LED
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### Communication

Bus type:	bus CIB
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### Supply

Supply voltage/rated current:	27 V DC/20 mA, from CIB BUS
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### Connection

Connection:	terminal block
Profile of connecting wires:	0,5 - 1 mm <sup>2</sup>

### Operation conditions

Operation temperature:	0 .. +50 °C
Protection degree:	IP 20
Overvoltage category:	III.
Pollution degree:	2
Operation position:	vertical
Installation:	into a wiring box

### Dimensions and weight

Dimensions:	90 x 52 x 65 mm
Weight:	75g