RC 22
Installation and operating instuctions

Remote Adjuster with Room Temperature and Humidity Sensor

SOREL Mikroelektronik GMBH

The RC22 Remote Adjuster with integrated Room Thermostat provides you with easy to use temperature controlled adjustment of heating and cooling, as well as measuring of humidty.

Sensors
The RC21 contains a temperature sensor which is used by the controller.
If the settings in the controller allow it, the sensor is used to alter the flow temperature.
The humidity measure the relative air humidity for the controller, to set the cooling function accordingly (dew point calculation). The switch is used to alter the mode of the controller (cool/heat)

Settings
The dial is used to parallel translate the heating or cooling curve. The flow temperature (still regarding the outdoor temperature in heating and the room temperature in cooling mode) is raised or lowered respectively by your adjustement.

Heating mode uses the settings for the heating/thermostat functions and times set in the controller.

Off deactivates all controller functions. Frost protection is still active to prevent damage due to cold enviroments.

Cooling mode makes use of temperature and humidity sensor to calculate and cool down to the ideal room temperature.

Installation
Carefully remove the dial from the casing with a screwdriver.
Loosen the screw beneath. Remove the bright part of the casing from the black socket.

The RC22 is connected via terminal block to the controller.

⚠ The RC21 is suited for low voltage only!

Clamp connections:
+/-: Remote adjuster
T: Temperature sensor
GND: Sensor earth
H: Humidity sensor
VDC: Power supply

Connection S6 (Remote adjuster)

Connection S4 (Temperature)

Connection earth (Terminal block Sensor -)

Connection S5 (Humidity)

Connection + (Power supply)