Room thermostat R41

- CE-approved

- 24V

- Protective class: IP 20

- Temperature: 18-24°C

Description *R41*

Area of use

Room thermostat R41 is used to regulate heating and cooling in sequence.
Together with actuators, the room thermostat can regulate e.g. cooling roof, fancoils, radiators m.m.
The R41 is CE-approved.

Description

Room thermostat R41 has the following functions:

- On/Off output 24V.
- Heating and cooling output adapted to actuators VAC (NC)
- Possibility of mechanical limitation of scale area.
- R41 is connected with terminal connection.
- Temperature range 18-24°C
- Valve exercise once a day. Can be activated with S1
- The R41's Pband can be changed from 1-2 degrees via jumper S2

Calibration

Measure the temperature just below the thermostat, set the setpoint knob to the measured temperature, adjust the potentiometer at the bottom left until the diode goes out.
Work quickly as the temperature affects the thermistor.

Description *R41*

Technical data

Function output signal
Heating-NC. Cooling-NO (NC=normaly closed)

Difference, cooling stage / heating stage
3°C

Output signal
On/Off 24V AC (mac 20VA) for NC actuator

Setpoint
18...24°C, ± 3°C

Supply voltage
24V AC ±10%

Dead zone
3°C

Power consumption
2 VA

Protection class
IP 20

Accuracy
0,5°C

Ambient temperature
Max 50°C

LED indication
Green = Cooling
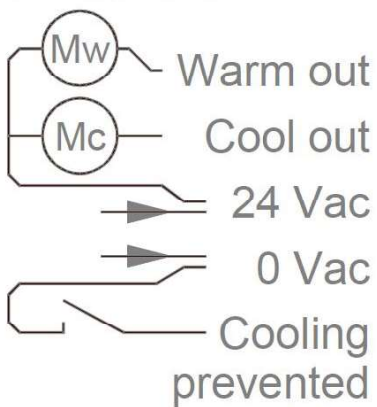No light = dead zone
Red = heating

Material
ABS

Electrical connection
Screw terminal, 0.75mm2 multi-wire cable

Dimensions
77x77x27 mm

Technical data *R41*

S1	Motor Jam Prevention	Off	☒ ☒
		On	■
S2	Xp	1°C	☒ ☒
		2°C	■
S3	Set Potentiometer Midpoint	On>Off>On	

Thermal motors

(Mw) — Warm out — **A2**
(Mc) — Cool out — **A1**
— 24 Vac — **G**
— 0 Vac — **Go**
— Cooling prevented — **Z1**

Ordering codes

Article number	Designation	Description
FFUA2000000R41SE0	R41	Room termostat Max 4+4 actuators

We reserve the right to change the products without prior notice.