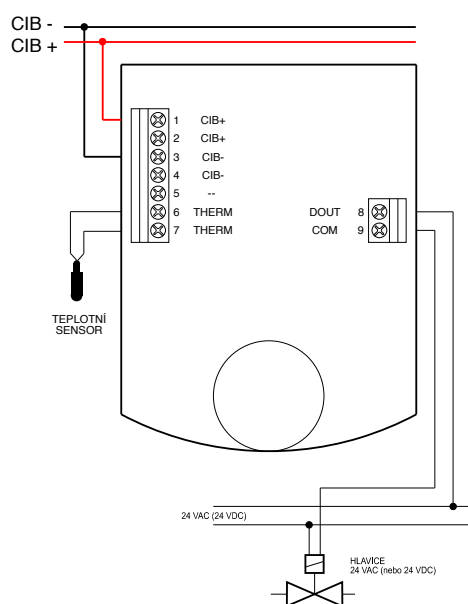


Type	DI	RO	AI	AO	Comm
<b>RCM2-01</b>		1	2		CIB

## Basic features

- Device is designed as an interior device for monitoring and setting the required temperature and other values as a Room Control Manager.
- It has the LCD to display one value – temperature, (or time, humidity, velocity etc.) and the amount of graphic icons frequently used for heating, ventilation and air-conditioning (HVAC).
- Moving through the menu and settings are performed by rotary element with the pushbutton for acknowledgement.
- Built-in temperature sensor. The additional temperature sensor can be connected. It can be placed on most suitable place in the room.
- The device is fully free programmable through the Mosaic. Programmer can control any icon as a binary output and the displayed number as numerical value. The unit will give the information about the rotation and click on pushbutton.

## Connection example



## Connecting

- The device is connected by two wires of CIB, which provide both power supply and communication channel.
- The device is for mounting on the wall on the flush box.

## Use

- As a Room Control Manager to each room or space where individual control of temperature and air ventilation is required.

## Specification

<b>Display</b>	LCD, value (temperature, time) + graphical symbols (heating, ventilation, etc.)
<b>Control element</b>	Knob with button (choice of mode, correction of temperature etc.)
<b>Inputs</b>	2 x measurement of temperature (internal and external sensor)
<b>Measured temperature range</b>	-20 ÷ +100 °C
<b>Measurement accuracy</b>	±0.8 °C
<b>Output</b>	1 x SSR
<b>Type</b>	Independent contact
<b>Galvanic isolation</b>	yes, 1500 V
<b>Nominal voltage</b>	24 V AC/DC
<b>Max. voltage</b>	60 V AC/DC
<b>Max. current</b>	600 mA
<b>Communication/Power supply</b>	Bus CIB/24 V (27 V)
<b>Load from CIB</b>	17 mA
<b>Mechanical construction</b>	Plastic module on wall
<b>Dimensions of module (š x v x h)</b>	90 x 115 x 39 mm
<b>Weight</b>	130 g
<b>Operational temperature</b>	0 ÷ +55 °C
<b>Storage temperature</b>	-30 ÷ +70 °C
<b>Electric strength</b>	according EN 60950
<b>IP Degree of protection IEC 529</b>	IP 20
<b>Overvoltage category</b>	II
<b>Degree of pollution IEC EN 60664-1:2004</b>	1
<b>Working position</b>	Vertical (button down)
<b>Installation</b>	On wall, on installation box
<b>Connection</b>	screw terminals
<b>Conductors cross-section</b>	max. 1.5 mm <sup>2</sup>



RCM2-01



RCM2-01

## Order number

<b>TXN 131 57</b>	RCM2-1, CIB, interior room control unit
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