

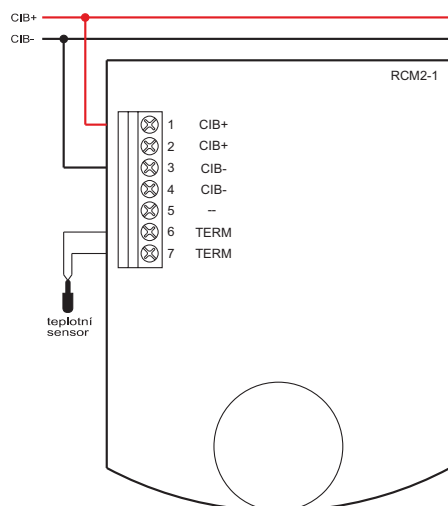
# CIB interior control module

Type	DI	DO	AI	AO	Comm
<b>RCM2-01</b>			<b>2</b>		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, 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/Foxtrot. 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

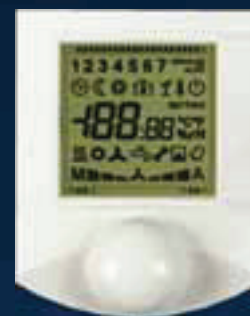
- The device is to be wired by two wires of CIB, which provide both power supply and communication channel.
- The device is for mounting on the wall on the flush box.

## Use

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



RCM2-01



RCM2-01

## Control

<b>Display</b>	LCD with the number and set of graphic icons useful in HVAC area.
<b>Control element</b>	Rotary encoder with pushbutton (for mode selection or setting the correction etc.)

## Analog inputs

<b>Inputs</b>	1× internal sensor 1× NTC 12k external temperature sensor
<b>Range of measured temperature</b>	0 ÷ + 45 °C
<b>Accuracy</b>	± 0.6 °C

## Power supply/Communication

<b>Power supply</b>	Bus CIB/ 24 V (27 V)
<b>Current consumption</b>	17 mA

## Dimensions and weight

<b>Dimensions</b>	90 × 115 × 39 mm
<b>Weight</b>	130 g

## Operating conditions

<b>Operating temperature</b>	0 ÷ +60 °C
<b>Storage temperature</b>	-30 ÷ +70 °C
<b>Electric strength</b>	according EN 60950
<b>IP Degree of protection IEC EN 60529</b>	IP 20
<b>Overvoltage category</b>	III
<b>Degree of pollution IEC EN 61131-2</b>	2
<b>Working position</b>	Any
<b>Installation</b>	On the wall
<b>Connections</b>	screw terminals
<b>Conductors cross-section</b>	max. 2.5 mm <sup>2</sup>

## Order number

TXN 131 57 RCM2-01, CIB, interior room control unit