

Velbus temperature controller

VMB1TC



This Velbus temperature controller is the heart of your heating or air-conditioning system. It works together with at least one VMB1TS Velbus temperature sensor.

The controller can monitor and adjust the temperature from up to 32 sensors. A group of temperature sensors can be configured as temperature zones (e.g. Upstairs, Downstairs..). On their turn, a Velbus relay contact will drive the heating/air-conditioning (Electric/valve/pump..)

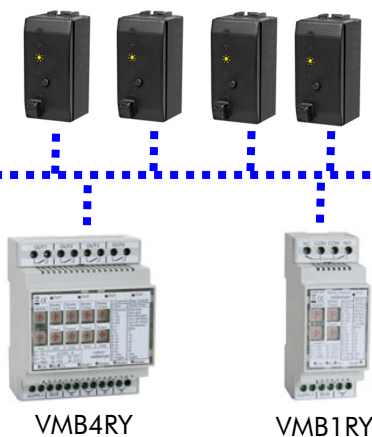
Features:

- ☒ Multi-language menu (EN/FR/DE/ES/NL)
- ☒ Label for each sensor (max 16 characters)
- ☒ One button direct sensor access
- ☒ Up to 32 sensors per controller
- ☒ Zone creation (max 7)
- ☒ Night / Day or Comfort setting
- ☒ Programmable week/day timer, 31 steps per sensor.
- ☒ Wake-up function with automatic heating option
- ☒ Sleep function (temporary program override)
- ☒ Cooling or Heating option
- ☒ Multiple temperature alarms (anti freeze, anti overheat...)
- ☒ Celsius or Fahrenheit display
- ☒ Adjustable hysteresis
- ☒ History memory (Min, Max and total activated time)
- ☒ Low backup battery indication
- ☒ PIN code protection for configuration menu

Technical:

- Power supply: 12 to 18Vdc
- 2 lines 16CH LCD with white LED backlight
- Heating setting range: 0° to 54° (default from 16° to 36°)
- Cooling setting range: 0° to 54° (default from 5° to 30°)
- Local or PC configuration (VelbusLink + interface)
- Backlight timer option
- Power consumption: 50mA (backlight ON)
- Battery backup: 1x CR2032 (included)
- Communication: Velbus protocol
- Dimensions (LxBxH) : 66x44x40 mm (ex. frame)

MAX
32
VMB1TS
Sensors



VMB4RY

VMB1RY



VMB1TC, Shown with optional frame VMBFLG



VMB1TC, Shown with sensor in a Bticino* frame.
(* not sold by Velleman)

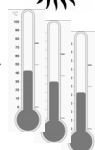


Cooling
or
Heating



Programmable
Sleep timer

32...



Up to
32
Sensors



Warning for too
low or too high
temperature



Fully programmable
Week timer