

MLC E2 / MLCD E2

Room temperature regulator

Use

- Automatic or manual temperature control in ventilation and air conditioning systems installed in various premises.
- Automatic regulation of heating/cooling rate.
- Control of fans, fancoil dampers and air heating units equipped with three-speed 230 V fans.



Design

- Casing made of high-quality plastic.
- Equipped with a temperature sensor.
- LED display with illumination and control knobs incorporated in front panel.
- The display shows: set and current indoor temperature; operation mode for cooling, heating or auto; fan speed.
- IP40 ingress protection rating.

Speed control

- Control by control buttons on regulator casing or by remote control panel (MLCD E2 model).
- Manual or automatic regulation of indoor temperature. Fan speed high/medium/low. On automatic mode fan speed is regulated by indoor temperature.
- Automatic regulation of heating/cooling rate in "Night mode":
Cooling mode: 30 min after activation of the night mode the set temperature for the room automatically starts rising by 1 °C per hour within two hours and stays at this level. After 8 hours the timer turns off and the set temperature resets to initial position.
Heating mode: 30 min after activation of the night mode the set temperature for the room automatically starts dropping by 1 °C per hour within three hours and stays at this level. After 8 hours the timer turns off and the set temperature resets to initial position.
- The set control functions are saved when the thermal regulator is switched off.

Mounting

- Indoor installation.
- Recommended installation height is 1.5 m above the floor level.
- Do not install the regulator close to windows, heating or cooling equipment.

Modifications and options

- Model **MLCD E2**: the regulator is equipped with a remote control panel.

Technical data

Parameters	MLC E2	MLCD E2
Voltage [V]	1 ~ 230	1 ~ 230
Frequency [Hz]	50	50
Rated current [A]	2.0	2.0
Number of speeds	3	3
Temperature regulating range. °C	+10...+30	+10...+30
Overall dimensions WxHxD [mm]	88x88x51	88x88x51
Maximum ambient temperature [°C]	+40	+40
IP rating	IP40	IP40
Remote control panel	no	yes

Wiring diagram

