

TELECONTROL T20DP / T20DP-GSM

Room thermostat with voice communication interface for remote control via phone or cellphone. Notification of heating system error. Notification of burglary, fire, gas leakage, carbon monoxide presence and flood. Notification of temperature limit excess (high and/or low limit). Notification of power failure/restore.

TELECONTROL T20DP is innovative, practical and cost-effective integration of room thermostat with communication interface and device for notification of different problems that can occur in the house. In case of alarm event, user receives voice call with message which describes the event ("ALARM, BURGLARY", "ALARM, FIRE" etc.). Timely notification enables user to promptly react and prevent possible damage.



programmable room thermostat

- LCD displaying the room temperature
- turning on and off the heating
- adjusting the room temperature
- anti-freeze temperature function
- selectable standard heating mode, cooling mode and underfloor heating mode
- 7 day program thermostat
- 8 temperature changes per day

control via phone or cell phone

- voice communication in English language
- turning on and off the heating
- measuring the room temperature
- adjusting the room temperature
- programming the thermostat
- measuring external temperature (with optional sensor)
- changing the user settings

other characteristics

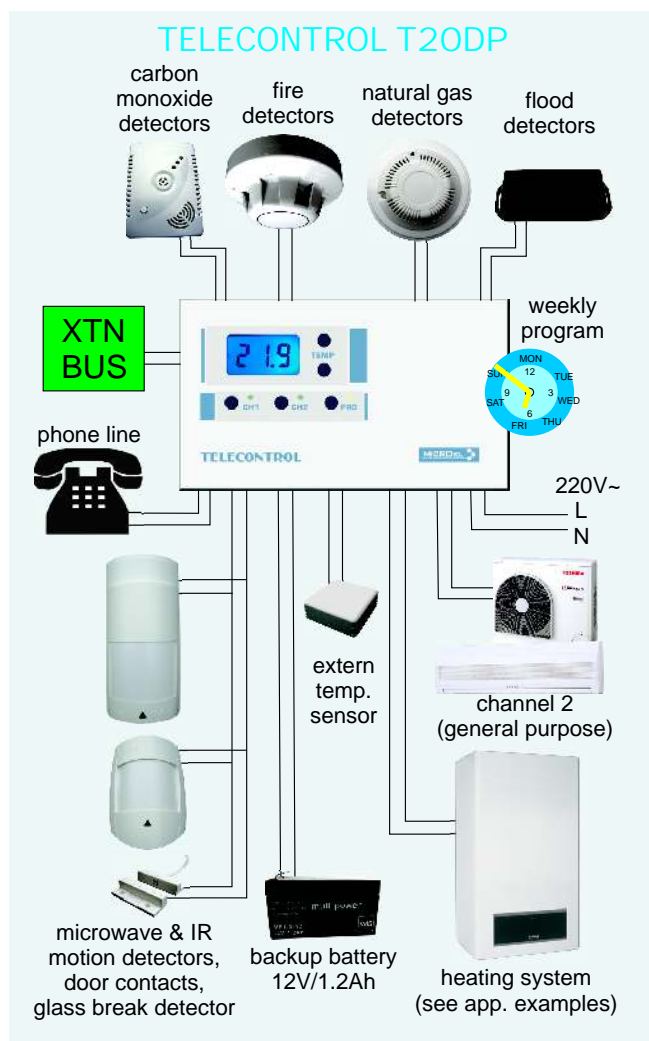
- 2nd channel (only ON/OFF)
- blue LCD backlight
- uses analog telephone line or ISDN line with analog output
- output status light indicator
- user changeable password
- there is no interference with the operation of other devices connected to the same telephone line

optional equipment

- external temperature sensor KTS4 and KTS5
- burglary detectors: IR motion, door contacts, microwave motion, glass breaking; CO, fire, natural gas, flood detector...
- backup battery
- siren

alarm notification

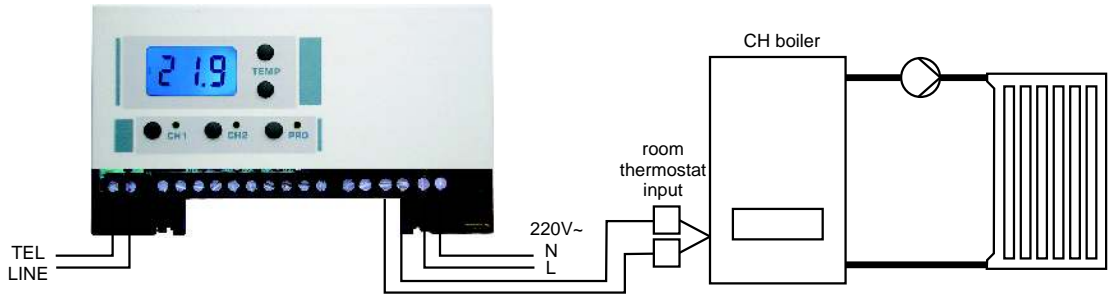
- automatic alarm notification via phone or cell phone
- up to 5 user phone or cellphone numbers for notification
- option of silent alarm or output to alarm siren
- activating and deactivating alarm from distance



APPLICATION EXAMPLES

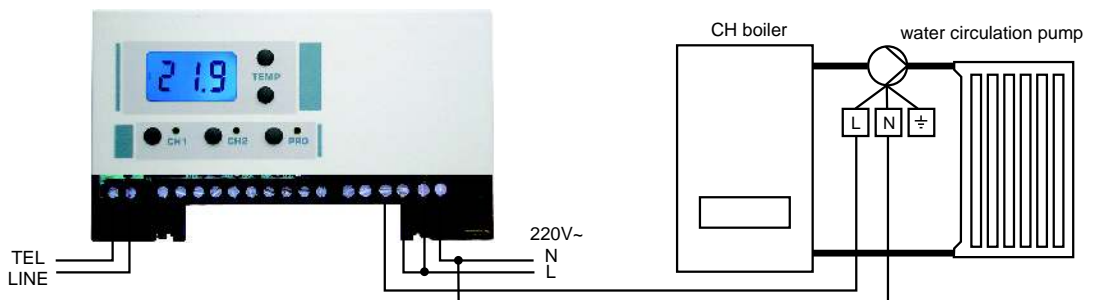
1. Application: Central heating regulation - connecting to dedicated room thermostat input

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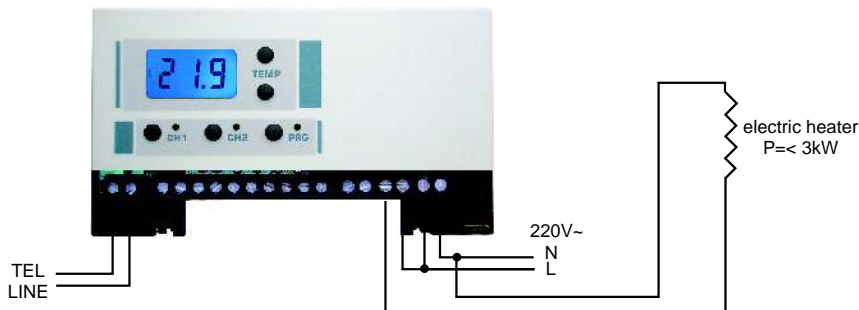
2. Application: central heating regulation - connecting to water circulation pump

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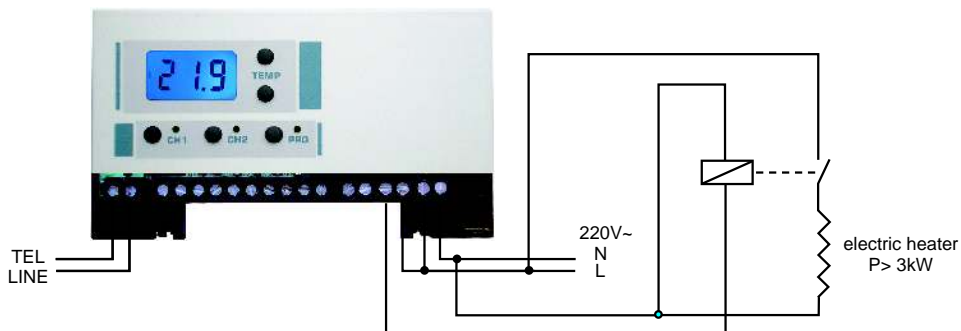
3. Application: Electric heating system regulation (power < 3kW)

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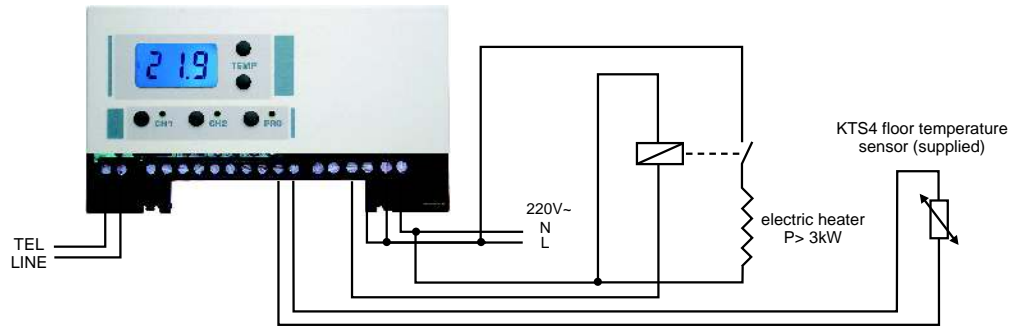
4. Application: Electric heating system regulation (power > 3kW)

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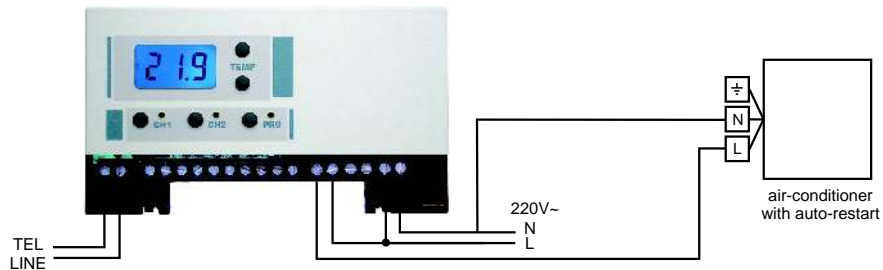
5. Application: Electric underfloor heating system $P > 3\text{kW}$ with floor temperature limiting

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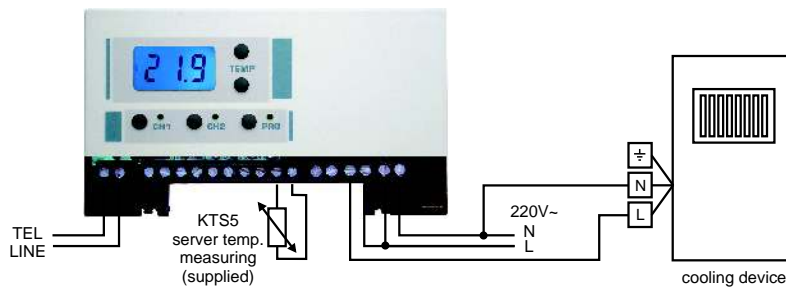
6. Application: Air-conditioner with autorestart function

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7. Application: Computer server room temperature supervision and excess temperature notification by phone. Remote phone control of backup cooling device.

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8. Application: Central heating control, air-conditioner control, garage door control, burglary notification, carbon monoxide notification, fire notification, refrigerator/freezer temperature supervision and error (melting) notification.

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