TELECONTROL T10DP / T10DP-GSM

Room thermostat with built-in voice communication interface for remote control via phone or cell phone.

Model T10DP brings many adventages in heating control. New 7-day program option brings more savings, and more comfort for those who live according to usual schedule.

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
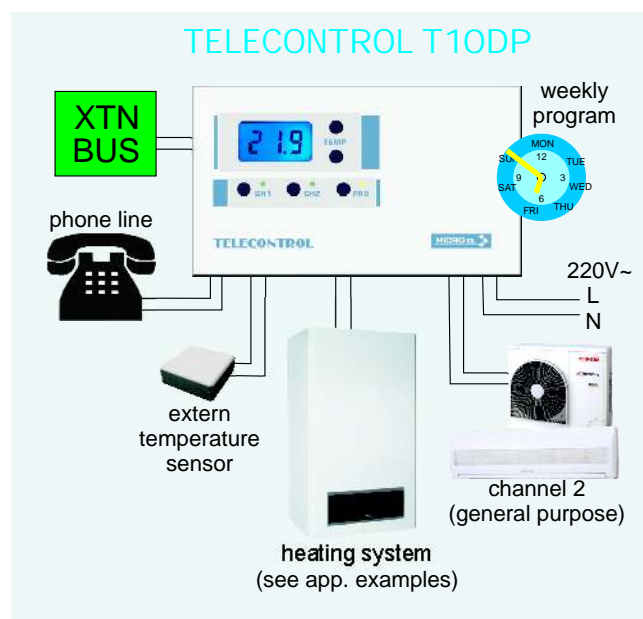- 8 temperature changes per day

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
- programing the thermostat
- measuring external temperature (with optional external temperature 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 sensors KTS4 and KTS5
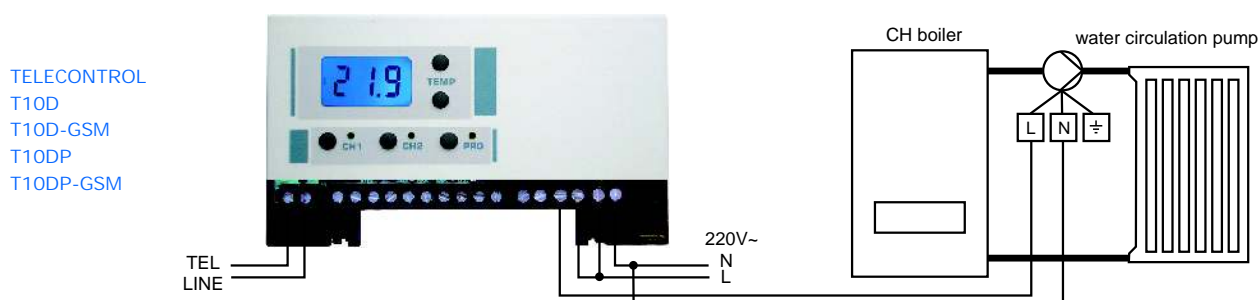

TELECONTROL T10DP

weekly program

XTN BUS

phone line

220V~
L
N

extern temperature sensor

channel 2 (general purpose)

heating system (see app. examples)

Telemetry
Automation & Monitoring
Remote control & Regulation

APPLICATION EXAMPLES

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

TELECONTROL
T10D
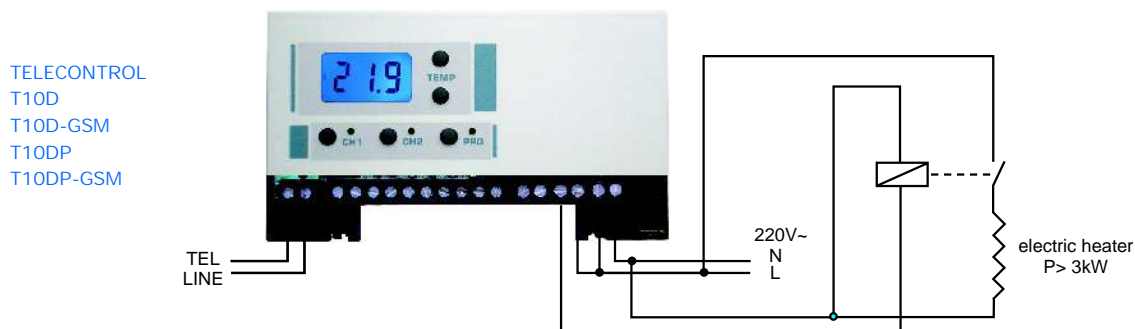T10D-GSM
T10DP
T10DP-GSM

CH boiler

room thermostat input

TEL
LINE

220V~
N
L
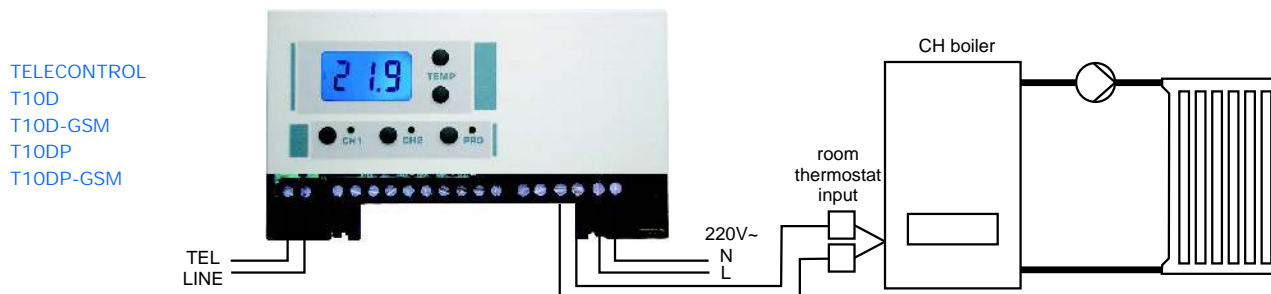
2. Application: central heating regulation - connecting to water circulation pump

TELECONTROL
T10D
T10D-GSM
T10DP
T10DP-GSM

CH boiler   water circulation pump

L N ÷

TEL
LINE

220V~
N
L

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

TELECONTROL
T10D
T10D-GSM
T10DP
T10DP-GSM

electric heater
P=< 3kW

TEL
LINE

220V~
N
L

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

TELECONTROL
T10D
T10D-GSM
T10DP
T10DP-GSM

TEL
LINE

220V~
N
L

electric heater
P> 3kW

MICRO EL

Telemetry
Automation & Monitoring
*Remote control & Regulation*

5. Application: Electric underfloor heating system P > 3kW with floor temperature limiting

TELECONTROL
T10D
T10D-GSM
T10DP
T10DP-GSM

TEL
LINE

220V~
N
L

KTS4 floor temperature
sensor (supplied)

electric heater
P> 3kW
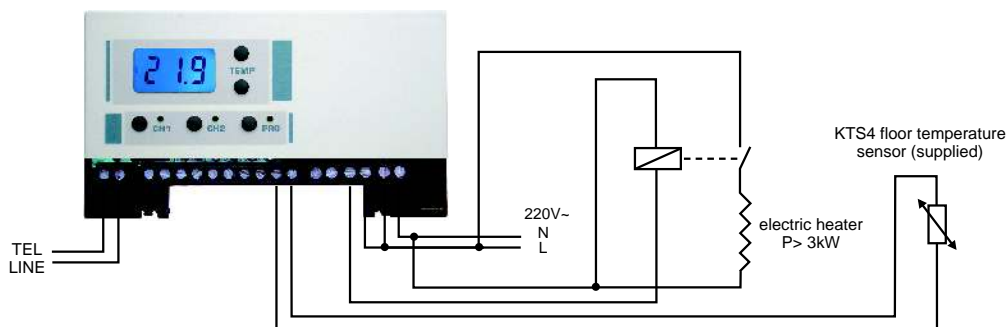
6. Application: Air-conditioner with autorestart function

TELECONTROL
T10D
T10D-GSM
T10DP
T10DP-GSM

TEL
LINE

220V~
N
L

air-conditioner
with auto-restart
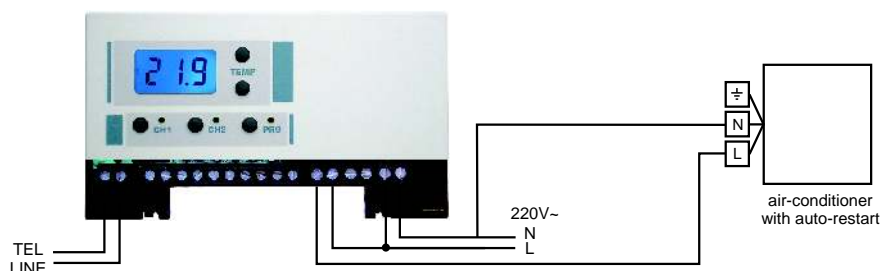
7. Application: Computer server room temperature supervision and excess temperature notification by phone. Remote phone control of backup cooling device.

TELECONTROL
T10D
T10D-GSM
T10DP
T10DP-GSM

TEL
LINE

KTS5
server temp.
measuring
(supplied)

220V~
N
L

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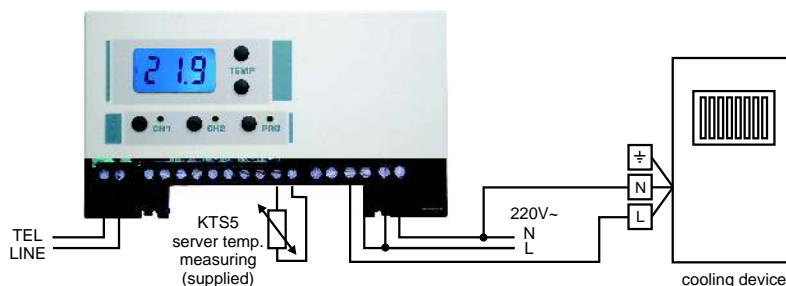
8. Application: Central heating control, air-conditioner control, garage door control, burglary notification, carbon monoxide notification, fire notification, refrigerator/freezer temperature supervision and error (melting) notification.

TELECONTROL
T20DP
T20DP-GSM

TEL
LINE

CH boiler

L N 220V~

KTS4 (supplied)
- placed inside
freezer

door
contacts

IR & MW
motion
detectors

fire
detectors

backup
battery
12V/1.2Ah

flooding
detector

carbon
monoxide
detector

burglary
alarm
siren

MICRO EL

Telemetry
Automation & Monitoring
Remote control & Regulation