

### Description

Wall-mounting weekly programmable thermostat with 3 temperature levels adjustable for every hour of the day (plus antifreeze temperature) and selectable operation mode (heating or cooling).

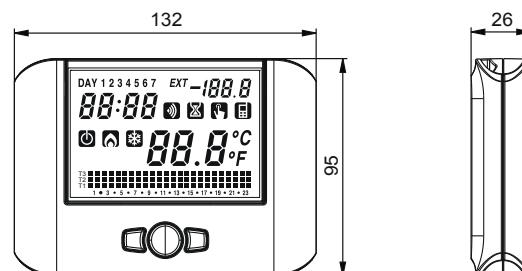
### Functionality

- Battery power supply 1 x 1,5V (AA type)
- 3 operation modes:
  - Automatic (on 3 temperature value)
  - Manual (with manual temperature)
  - Off (with antifreeze temperature)
- Programming:
  - 7 programs for operation in winter (adjustable)
  - 7 for operation in summer (adjustable)
- Off operation with antifreeze regulation (removable)
- Summer/winter operation
- Timed operation (manual, automatic, off)
- Minimum adjustment range: 1 hour
- Switching delay adjustable to 15, 30 or 45 minutes independent for every hour
- Temperature control ON-OFF or proportional type
- Bistable relay output with change-over contact from 8 A (250 V AC)
- Indication of battery charge level
- Key lock for installation in public places
- Automatic switch between CET / DST
- Option of regulation on external probe (accessory)
- Option of remote activation/deactivation through telephone actuator (accessory)

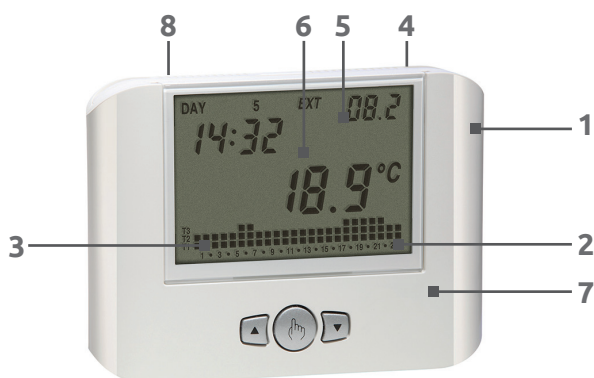


### Codes and dimensions

Art.	Code	Voltage
P412	88P4120199	Battery power



### Components

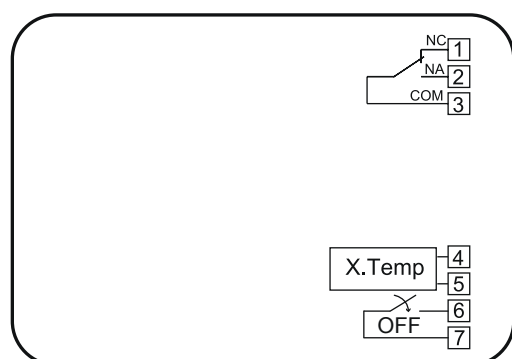


- 1 - Plastoc base for wall-mounting or fastening on 503 box (or similar)
- 2 - Temperature control during the day
- 3 - 2 option for programming:
  - Preset
  - Personalized
- 4 - Power supplied with AA type 1.5 V battery
- 5 - Guaranteed comfort and consumption control in both winter (heating) and summer (air conditioning)
- 6 - Wide display to view operating status, time and date, indoor temperature and second probe temperature (if it is installed)
- 7 - Keypad hidden behind the front panel for setting
- 8 - Inputs for additional probe and for phone activator (accessories)

### Technical features

Battery power supply:	V DC	1 x 1,5 V (AA)
Battery life:	month	24
Charge reserve:	min	1
Installation:		Wall / 503 box
Realy capacity 250 V AC output:	A	8
Programming:		weekly
Summer / winter operation:		YES
Temperature settings:		3 + antifreeze + manual
Main probe temperature measurement:	°C	0 ÷ +50
Second probe temperature measurement:	°C	-40 ÷ +60
Temperature setpoint range:	Automatic °C	+2 ÷ +35
	Manual °C	+2 ÷ +35
	Antifreeze °C	OFF, +1 ÷ +10
Measurement precision:	°C	0,5
Gap between two temperature measurements:	s	20
Activation delay:	min	15, 30 o 45
Type of command:		ON-OFF or proportional
Temperature resolution:	°C	0,1
Adjustable differential (in ON-OFF):	°C	0,1 ÷ 1
Band (in Proportional):	°C	0,5 ÷ 5
Period (in Proportional):	min	10, 20, 30
Operating temperature:	°C	0 ÷ +50
Storage temperature:	°C	-10 ÷ +65
Degree of protection:	IP	40
Realitive humidity:	HR	20 ÷ 90% non condensing

### Wiring diagram



### Applicable standards

Compliance with Community Directives: 2006/95/CE (Low Voltage) and 2004/108/CE (E.M.C.) is declared with reference to the following standards:

- Safety: CEI EN 60730-2-7 / CEI EN 60730-2-9
- Compatibility E.M.: CEI EN 55014-2 / CEI EN 55014-1.