

# Cronotermostato Digitale EVO.DIN

Manuale d'Uso



Manual User Digital Thermostat



**Vemer**  
SPA



- The **EVO.DIN** is a panel mounted electronic command device in a standardised DIN 4 module container, which performs type 1B actions and is designed to operate in areas with normal pollution degree.

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## SAFETY WARNINGS

***During the installation and operation of the instrument, follow the instructions below:***

- 1) The instrument should be installed by qualified personnel***
- 2) Do not power or connect the instrument if any part of it is damaged***
- 3) Follow the connection diagrams in this manual and on the instrument***

**Code**

**VE016200**

**Model**

**EVO.DIN**

## TECHNICAL SPECIFICATIONS

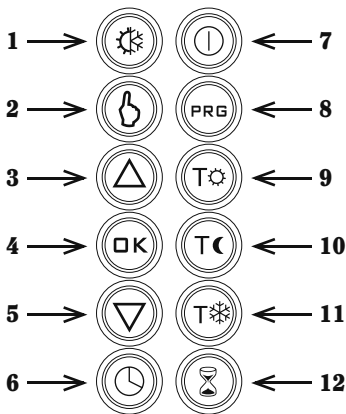
- Power supply: 230V (+10% -15%) 50-60Hz.
- Autonomy: inside back-up capacitor to guarantee the operations in absence of power for about 4 hours after 6 hours of continuous power.
- Consumption: 2,5VA (1,1W)
- Inputs:
  - Telephone dialler on / off command.
  - Signal from remote temperature probe
- Output:
  - Bistable relay with 8 A AC (250 V AC) exchange contact.
- 4 settable temperatures:
  - $T_{\text{❄}}$  antifreeze temperature level
  - $T_{\text{☾}}$  lower temperature level
  - $T_{\text{☀}}$  upper temperature level
  - $T_{\text{👉}}$  temperature that can be set in manual operation.
- Pre-set in winter operation to:
  - $T_{\text{❄}} = 06.0 \text{ °C [42.8 °F]}$  field of variation:  $2.0 \text{ °C} \div 15.0 \text{ °C [35.6 °F} \div 59.0 \text{ °F]}$
  - $T_{\text{☾}} = 16.0 \text{ °C [60.8 °F]}$  field of variation:  $2.0 \text{ °C} \div 20.0 \text{ °C [35.6 °F} \div 68.0 \text{ °F]}$
  - $T_{\text{☀}} = 20.0 \text{ °C [68.0 °F]}$  field of variation:  $2.0 \text{ °C} \div 37.7 \text{ °C [35.6 °F} \div 99.9 \text{ °F]}$
  - $T_{\text{👉}} = 18.0 \text{ °C [64.4 °F]}$  field of variation:  $2.0 \text{ °C} \div 37.7 \text{ °C [35.6 °F} \div 99.9 \text{ °F]}$with condition:  $T_{\text{❄}} \leq T_{\text{☾}} \leq T_{\text{☀}}$ .
- Pre-set in summer operation to:
  - $T_{\text{☾}} = 23.0 \text{ °C [73.4 °F]}$  field of variation:  $10.0 \text{ °C} \div 37.7 \text{ °C [50.0 °F} \div 99.9 \text{ °F]}$
  - $T_{\text{☀}} = 26.0 \text{ °C [78.8 °F]}$  field of variation:  $10.0 \text{ °C} \div 37.7 \text{ °C [50.0 °F} \div 99.9 \text{ °F]}$
  - $T_{\text{❄}} = --. \text{ °C [--. °F]}$  (system off)

—  $T_{\text{set}} = 25.0\text{ °C}$  [77.0 °F] field of variation:  $2.0\text{ °C} \div 37.7\text{ °C}$  [35.6 °F  $\div$  99.9 °F]

with the condition:  $T_{\text{min}} \leq T_{\text{max}}$ .

- Temperature regulation:
  - ON-OFF (pre-set) with differential of  $0.3\text{ °C}$  [0.5 °F].
  - proportional with differential at  $1\text{ °C}$  (-0.6 +0.4) [1.8 °F (-1.1 +0.7)], base time 10 minutes.
- Clock: weekly.
- Daily resolution: 1 hour.
- Temperature scale measured:
  - $0.0\text{ °C} \div +37.7\text{ °C}$  [32.0 °F  $\div$  99.9 °F].
- Temperature resolution:  $0.1\text{ °C}$
- Accuracy:  $\pm 1\text{ °C}$ .
- Measurement update: every 15 seconds.
- Housing: 4 module DIN, gray RAL 7035
- Protection degree: IP20 (IP41 on the front)
- Remote probe (included): wall-mounted. Cable length: until 40 m (bipolar cable, minimum section  $1\text{ mm}^2$ )
- Operating temperature:  $0\text{ °C} \div 50\text{ °C}$  [32.0 °F  $\div$  140 °F].
- Storage temperature:  $-10\text{ °C} \div 65\text{ °C}$  [20.0 °F  $\div$  155 °F].
- Relative humidity: 10%  $\div$  90% non condensing
- Terminal:
  - $3 \times 6\text{ mm}^2$  block for relay.
  - $2 \times 6\text{ mm}^2$  block for power supply
  - $2 \times 6\text{ mm}^2$  block for remote probe.
  - $2 \times 6\text{ mm}^2$  block for telephone dialler.

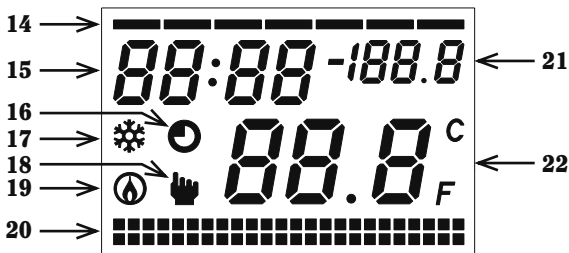
## CONTROL ELEMENTS / INDICATIONS ON DISPLAY



### ■ Control elements

- 1) Key “☀️❄️”:  
winter operation (pre-set) or summer operation.
- 2) Key “👆”:  
manual operation (thermostat).
- 3) Key “△”:  
increases the field selected.
- 4) Key “OK”:  
confirms the data entered.
- 5) Key “▽”:  
decreases the field selected.
- 6) Key “🕒”:  
clock setting.
- 7) Key “⏻”:  
for the activation and deactivation of the normal operation of the timed thermostat.
- 8) Key “PRG”:  
programme setting.
- 9) Key “T☀️”:  
selects the comfort (winter) and saving (summer) temperatures.
- 10) Key “T🌙”:  
selects the saving (winter) and refrigeration (summer) temperatures.

- 11) Key “T❄️”:** antifreeze temperature (winter) and system off (summer) selection.
- 12) Key “🕒”:** used to extend the T2 (winter) or T1 (summer) programming up to a maximum of 9 hours.
- 13) Key “R”:** initialises the timed thermostat and cancels the programming set from Monday at 00:00 and the default programmes (this key can be reached from block 16).



## ■ Display indication

- 14) “Day”** field
- 15) “Clock”** field
- 16) “Countdown”** or **“extension”** field
- 17) “Activate cooling”** field
- 18) “Manual operation activated”** field
- 19) “Activate heating”** field
- 20) “Programme set”** field
- 21) “Alphanumeric”** field
- 22) “Ambient temperature”** field

## INITIAL START-UP / RESET

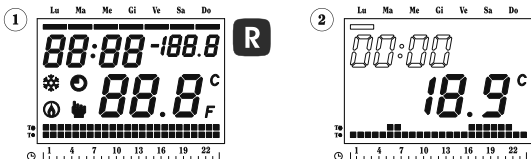
Power the instrument.

All the segments of the display will be switched on and the relay will be activated for 3 seconds, after which the clock field (15) will restart from 00:00 on Monday and continue to flash until the clock is set.

If power fault is so long to cause the discharge of back-up capacitor, when power turn again on, it can be necessary to press the reset key to restart correctly the instrument.

### Important

**if the clock is not set the timed thermostat will not be regulated.  
The regulation begins only after the time setting.**

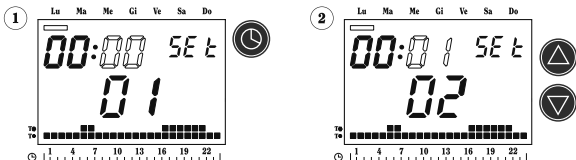


## CLOCK SETTING

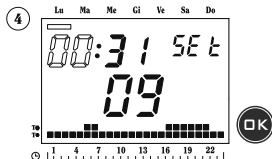
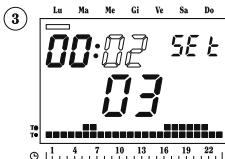
Press key . Field (21) will show the message "SEt", the seconds will run through in field (22), and field (15) will show the flashing digits of the minutes.

Press keys and to select the minutes.

Press to confirm and start the flashing of the hour digits.

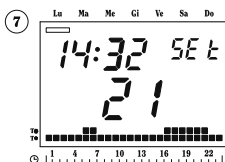
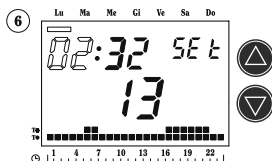
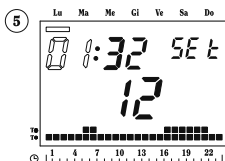






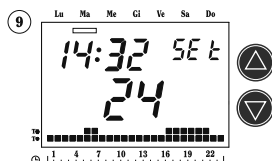
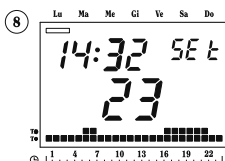
Press keys  $\triangle$  and  $\nabla$  to select the hour.

Press **OK** to confirm and start the flashing of the day digits.



Press keys  $\triangle$  and  $\nabla$  to select the day.

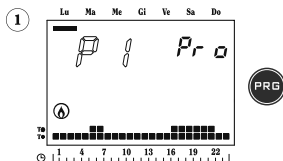
Press **OK** to confirm all the data and return to normal display mode.



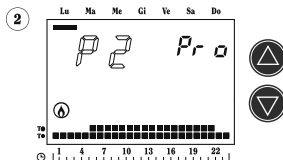


On leaving this procedure, the clock will no longer flash. The ambient temperature will be displayed in field **(22)**.

## PROGRAMME SETTING



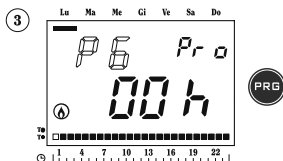
When the **PRG** key is pressed, field **(14)** will show the display for Monday. Field **(15)** will show the programme selected flashing (P1 in the example), field **(21)** will show “Pro”, field **(20)** will show the graphic trend for the programme and symbol **(17)** or **(19)** will be activated, depending on the operating mode set (summer or winter). If the programme highlighted is the correct one, the system will move to the next day when **OK** is pressed.



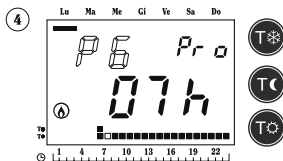
If the programme highlighted is not the correct one for that day, it is possible to search for another using the  $\triangle$  and  $\nabla$  keys, which modify the “Px” value contained in field **(15)**. The change of programme also changes the content of field **(20)** in relation to the programme selected.

The programmes in default are set out at the end of this manual.

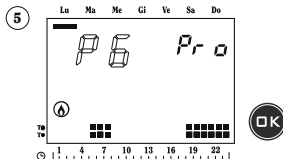
After selecting the correct programme, it is possible to move to the next day by pressing **OK**.



If no programme satisfies the user's requirements, select any programme and press **PRG** again. At this point the segment of field (20) that refers to the first hour (hour 0) will flash and field (22) will show the message "00h", corresponding to the programming hour flashing in the graphic field.

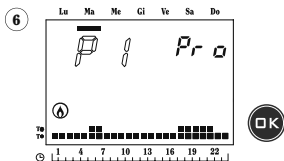


Keys  $T_{\text{snowflake}}$ ,  $T_{\text{crescent}}$  and  $T_{\text{sun}}$  can be used to modify the temperature selected for that hour, and at the same time move to the following hour. The  $\Delta$  and  $\nabla$  keys are used to move from one hour to another without modifying the temperature set. When  $T_{\text{snowflake}}$  is to be displayed (no graphic symbol) a special flashing operation takes place in the two segments of the hour selected. Press **OK** to confirm the modified programme and return to the situation with "Px" flashing in field (15).



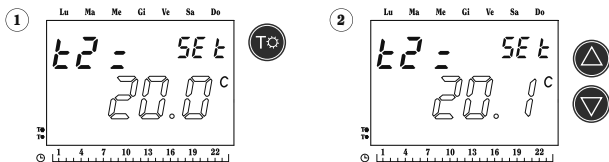
Press **OK** to confirm the programme for that day and move on to the next day, and so on until Sunday is reached, at which point the system returns

to normal operation.



## TEMPERATURE SETTING

In any operating mode, the message for the temperature under modification will appear in field (15) when keys  $T_{\text{snowflake}}$ ,  $T_{\text{C}}$  and  $T_{\text{sun}}$  are pressed (for  $T_{\text{snowflake}}$  "t0=" appears, for  $T_{\text{C}}$  "t1=" and for  $T_{\text{sun}}$  "t2="). The temperature value will flash in field (22).




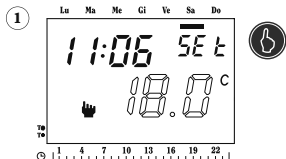
Use keys  $\Delta$  and  $\nabla$  to change the value and  $\square$  OK to confirm the change and return to normal operation.



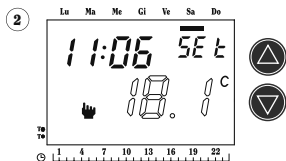
The setting limits for these sets are shown in the technical specifications.

## MANUAL OPERATION

In automatic operation, the system performs like a normal thermostat with Tm operating temperature when key  is pressed.




The current hour remains in field (15). Field (14) shows the current day. The “SEt” message appears in field (21). The symbol (18) appears. Field (20) disappears. In field (22) the manual temperature value flashes. Use keys  $\triangle$  and  $\nabla$  to change the value from 2.0 °C [35.6 °F] to 37.7 °C [99.9 °F].




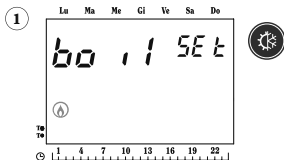
When  $\square$  K is pressed, or 20 after the last operation, the ambient temperature will reappear in field (22). It is possible to check the temperature set at any time by pressing key  $\triangle$  or  $\nabla$  once.





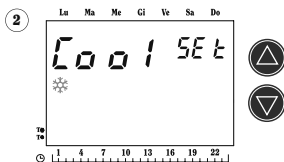
If either of these keys is pressed a second time, it is possible to change the temperature setting. It is possible to move from the manual to the automatic programme by simply pressing the key  again.



## SUMMER / WINTER OPERATION


To move from winter to summer operation or vice versa, press key  (1).  
Field (21) will show the message “Set”.

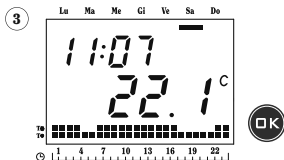


Field (15) will show the message “boil” (or “Cool”).  
A flashing  (or ) symbol will appear.



Use keys  and  to select one of the two operating modes.

The programme moves to the operating mode require when  K is pressed, or 20 seconds after the last operation.



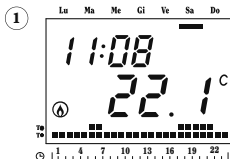
The summer operating potential reflects that of winter. This means that all the parameters can be set by following the procedures in this instruction manual.

## ON-OFF COMMAND FROM THE KEYBOARD

The On-Off command from the keyboard is used to activate or deactivate the normal operation of the timed thermostat.

This command takes precedence over the telephone dialler command.

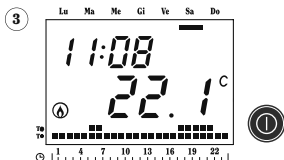
With the timed thermostat in automatic operating mode, for example,



the relay is set to off when key ① is pressed once.



When this key is pressed a second time, the instrument returns to the previous status, which is automatic operation in this example.




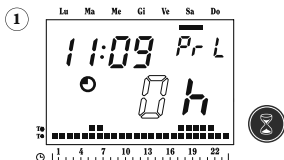
The relay is not switched on or off immediately, but at the end of the minute that follows the command.


## EXTENSION PROGRAMME

With the extension programme, it is possible to keep the temperature T2 in winter operation (comfort) or the temperature T1 in summer operation (refrigeration) for a time period equivalent to the hours set.

This programme can only be activated in automatic operating mode.

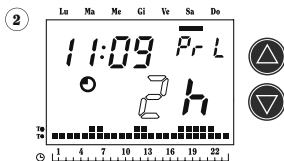
To programme an extension, press the key .



The symbol  will appear in field (16). Field (21) will show the message “PrL”.

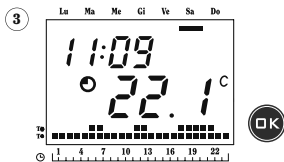
A flashing “0” followed by the letter “h” will appear in field (22).

Use the  $\Delta$  and  $\nabla$  keys to adjust the extension up to 9 hours (the hour metering also includes the one when the programming operation takes place).




When the hours are increased, the programming bar in field (20) is also updated.




The programme begins when  $\square K$  is pressed, or 20 seconds after the last operation.







The symbol  remains active in field (21).

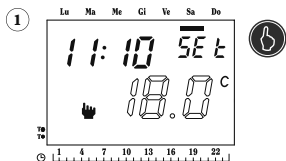
The ambient temperature reading reappears in field (22)


Leave this programme at the end of the metering operation to return to automatic operation, or press key  followed by , until the hours return to 0, then press .

## COUNTDOWN PROGRAMME


This programme is used to keep the timed thermostat in manual operation (or off) for a certain number of hours or days, to return spontaneously to automatic operating mode.

From automatic mode, press key  or  to move to manual mode (or off).





Press the key  to set the countdown programme.



Field (14) disappear. The symbol  appears in field (16).

Field (21) shows the message "Cnt". The temperature value Tm appears in field (22) (or  $T_{\text{snow}}$  in winter operating mode, and nothing in summer).


The countdown value appears in field (15). This is initially 00:00 (day:hour), adjustable up to 99 days: 23 hours using the keys  and .




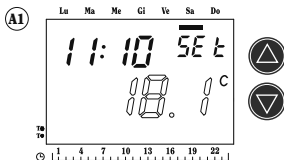
After setting the countdown time, the programme can be started by pressing **OK**, or 20 seconds after the last operation.



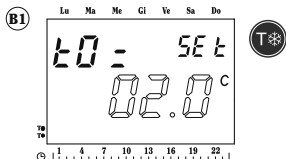
The timed thermostat will operate as a thermostat (or off) until the time set expires. Field **(15)** contains the decreasing number of days and hours. Field **(22)** shows the ambient temperature reading.

The symbol  in field **(16)** flashes.

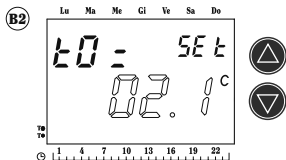
The symbol  appears in manual operating mode (or nothing when switched off). If the system is in manual operating mode, the temperature  $T_m$  can be modified with keys  $\Delta$  or  $\nabla$ , followed by confirmation with **OK**.



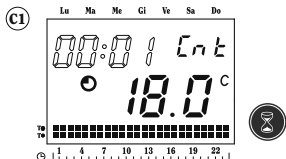
If the system is off,  $T_{\text{off}}$  can be modified by pressing key  $T_{\text{off}}$ .



followed by  $\triangle$  and  $\nabla$ , and confirming with  $\square$  K.




Press the key  $\text{⌚}$  a second time to re-enter the programming and modify the meter parameters.



As well as waiting for the end of the metering operation, it is also possible to leave this programme to return to automatic operation by holding down the key  $\text{⌚}$  for more than three seconds.

## TELEPHONE DIALLER

- The **x.Code Wave** (for land lines) or **x.Code GSM** (mobile network) series starters are used to control the timed thermostat ON/OFF switch remotely.
- **Start-up “ON” command:** green light on **x.Code GSM** telephone starter or red light off on **x.Code Wave** telephone starter.  
In this condition, the timed thermostat goes to automatic running with the weekly programme set.  
Any **“ON”** commands received following this one will not alter the status.
- **“OFF” command:** red light on **x.Code GSM** telephone starter or red light on with the **x.Code Wave** telephone starter.  
In this condition, the timed thermostat is switched off (but the temperature set can be maintained manually with the  key, to be used as temperature T❄ in winter).  
Any **“OFF”** commands received following this one will not alter the status.

Code	Model	Description
VN782900	x.Code Wave	Telephone starter
VN799300	x.Code GSM	GSM telephone starter

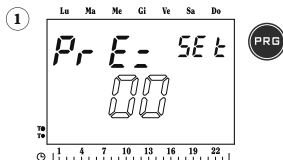
**Note: to operate as a starter, the timed thermostat has to be in “automatic operating mode”.**

### Important:

- **if the timed thermostat has been set to Off from the keyboard, the dialler is not enabled;**
- **the telephone starter status is checked every 5 minutes.**

## ADVANCED PROGRAMMING

Advanced programming is entered by holding down the **PRG** key for more than three seconds.



Fields **(20)** and **(14)** are not visible. Field **(21)** shows the message “SEt”. The message relating to the parameter appears in field **(15)** (“Pre” in the example above).

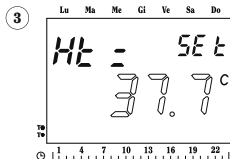
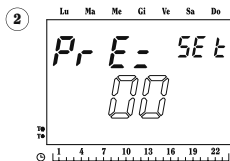
The value set flashes in field **(22)**. The parameters can be changed using keys  $\triangle$  and  $\nabla$ . Press **OK** to move to the next parameter.

The advanced programming parameters (in the order in which they appear) are as follows:

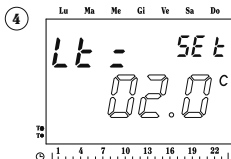
- **Advance:** indicates how many minutes before the change of hour that the sets programmed in the various programme have to take place.

For example, if the programme set says that at 14:00 it is necessary to move from  $T_{\odot}$  to  $T_{\ominus}$ , when the “Pre” parameter is set to 15 the change will take place at 13:45 (15 minutes in advance).

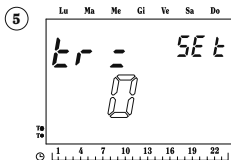
- **Maximum limit:** this is a safety lock that limits the maximum level of temperatures  $T_{\odot}$  and  $T_m$  that can be set.



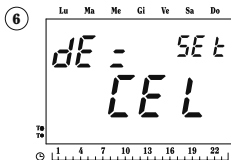
- **Minimum limit:** this is a safety lock that limits the minimum level of temperatures  $T_{\text{min}}$  and  $T_{\text{m}}$  that can be set.



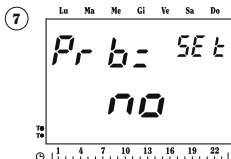
- **Type of regulation:** this is used to select the ON-OFF or proportional regulation. A more detailed description of these parameters is given at the end of this section.



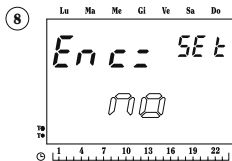
- **Display in degrees Celsius or Fahrenheit.**



- **Outside temperature probe present:** the default value is "no"; don't modify it.



- **Anti-encrustation:** this programme is used to avoid encrustations in the valves or pumps commanded, by switching the relay for 2 minutes on the stroke of midday if no switching has taken place within the last 48 hours.



- **Operating hours:** field (18) shows the hours and field (20) the thousands of hours.



- **Operating percentage:** this indicates the percentage of system operation during the previous day.



- **Back-up capacitor charge percentage:** the back-up capacitor charge percentage appears. As this is the last parameter in the sequence, automatic operation is restored when K is pressed. If no key is pressed during the setting of these parameters, automatic operation is restored after 20 seconds.



## TYPE OF REGULATION

The default regulation is of the On-Off type, with the system switched off at the sets and with fixed differential of 0.3 °C [0.5 °F]. The **examples set out below are for winter operation**. The summer operation is complementary, meaning that if the command is activate for one it is deactivate for the other..

In On-Off operation, if the measurement is less than the minimum threshold the load is always on. In proportional regulation, the regulation is on a 10 minute time base, with the following specifications:

<b>T<sub>mis</sub> ≥ T<sub>set</sub></b>	+ 0.6 °C [1.1 °F]	→	relè OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	+ 0.5 °C [0.9 °F]	→	1 minute ON; 9 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	+ 0.4 °C [0.7 °F]	→	2 minutes ON; 8 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	+ 0.3 °C [0.5 °F]	→	3 minutes ON; 7 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	+ 0.2 °C [0.4 °F]	→	4 minutes ON; 6 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	+ 0.1 °C [0.2 °F]	→	5 minutes ON; 5 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>		→	6 minutes ON; 4 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	- 0.1 °C [0.2 °F]	→	7 minutes ON; 3 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	- 0.2 °C [0.4 °F]	→	8 minutes ON; 2 minutes OFF
<b>T<sub>mis</sub> = T<sub>set</sub></b>	- 0.3 °C [0.5 °F]	→	9 minutes ON; 1 minute OFF
<b>T<sub>mis</sub> ≤ T<sub>set</sub></b>	- 0.4 °C [0.7 °F]	→	relè ON

If there is a change in the operating set, the regulation takes place in ON-OFF mode until the **T<sub>set</sub>** is reached for the first time, to reach the conditions set more rapidly.

## DISPLAY DURING OPERATION

The possible display readings and corresponding operation are set out below..

### ■ Automatic operation:

weekly clock displaying the hour, minutes and day of the week; temperature graph, ambient temperature, symbol “C” (default) or “F”; symbol Ⓐ (if the boiler is active) or symbol ❄️ (if the air conditioner is active).





### ■ System Off:

daily clock displaying the hour and minutes; ambient temperature, symbol “C” (default) or “F”.



### ■ Manual:

as **automatic** operation except that the temperature graph is not displayed, only its symbol . When the key is pressed, the message “SEt” appears in field (21), and the manual temperature set “Tm” appears in place of the ambient temperature (flashing). This can be adjusted with the  $\Delta$  and  $\nabla$  keys.

20 seconds after the last operation or when is pressed, the values read will reappear in the temperature fields.



### ■ Count-down:

The countdown reading appears in the <Clock> field. This is initially 00:00 (days: hours).

The day of the week is not displayed.

The ambient temperature, symbol “C” (default) or “F”, and the flashing symbol are displayed.



### ■ Extension:

as with automatic operation with the addition of the symbol .



## REFERENCE STANDARDS

Conformity to European Community directives:

73/23/EEC amended by 93/68/EEC (Low Voltage Electrical Equipment)

89/336/EEC amended by 92/31/EEC and 93/68/EEC (E.M.C.)

is declared with reference to the following standards:

### ■ FOR SAFETY

- **CEI EN 60730-2-9:** “Automatic electrical controls for household and similar use. Part 2: Particular requirements for temperature sensing controls”.
- **CEI EN 60730-2-7:** “Automatic electrical controls for household and similar use. Part 2: Particular requirements for timers and time switches”.

### ■ FOR ELECTROMAGNETIC COMPATIBILITY

- **Norma CEI-EN 61000-6-2:** “Electromagnetic compatibility (EMC). Part 6-2: Generic standards - Immunity for industrial environments”..
- **Norma CEI-EN 61000-6-3:** “Electromagnetic compatibility (EMC). Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments”..

# WINTER PROGRAMMES

<b>P1</b>	<b>T2</b>						■	■										■	■	■	■	■			
	<b>T1</b>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

<b>P2</b>	<b>T2</b>							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	<b>T1</b>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

<b>P3</b>	<b>T2</b>						■	■				■	■					■	■	■	■	■		
	<b>T1</b>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

<b>P4</b>	<b>T2</b>							■	■	■	■	■	■	■	■	■	■							
	<b>T1</b>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

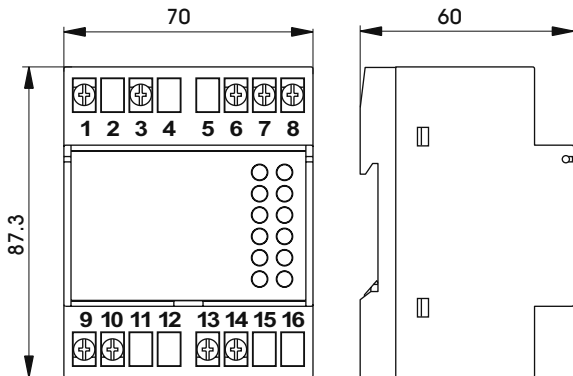
<b>P5</b>	<b>T2</b>						■	■							■	■	■	■	■	■	■	■		
	<b>T1</b>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

<b>P6</b>	<b>T2</b>																							
	<b>T1</b>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

<b>P7</b>	<b>T2</b>																							
	<b>T1</b>																							
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

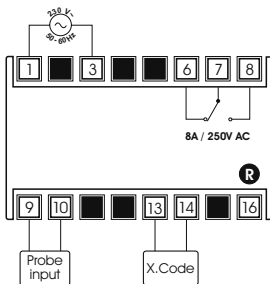


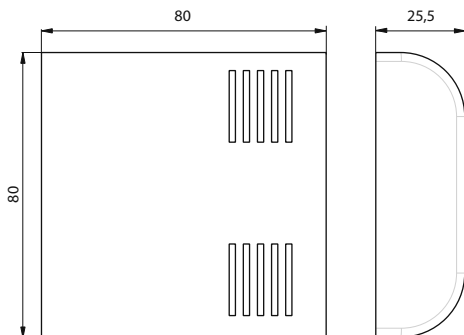
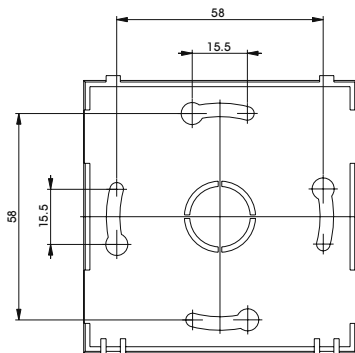
## DIMENSION



English

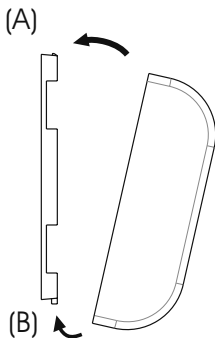
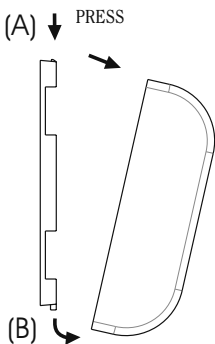
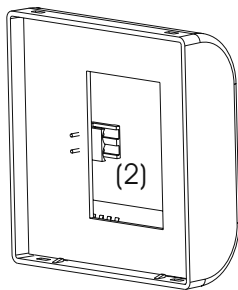
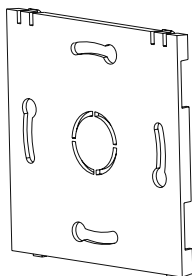
## WIRING DIAGRAM



**DIMENSION PROBE****INSTALLATION PROBE**

Centre distance for fixing holes

To connect the remote probe, connect the bipolar cable from the thermostat to terminal block (1); then insert into the plug (2)



To insert and remove the cover

To remove the cover, press with a tool on the holes of the base on the wall (A) and pull.

To replace the cover, insert on proper spaces (B) and rotate until closing



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