

USER'S MANUAL



CODE 3.017182

GSM TELEPHONE CONTROL

EN

Instructions and
recommendations



Dear Customer,

Congratulations for having chosen a top-quality Immergas product, able to assure well-being and safety for a long period of time.

As an Immergas Customer, you can also count on a qualified After-sales service, prepared and updated to guarantee constant efficiency of your "GSM telephone control".

We take the liberty of providing you with some important information, whose compliance will confirm your satisfaction with the Immergas product:

- *Read the following pages carefully: you will be able to gain useful suggestions on the correct use of the "GSM telephone control".*
- *For assistance and routine maintenance, always contact Authorised Technical Service Centres: they have original spare parts and are specifically trained.*

Hereby Immergas S.p.A., declares that the "GSM telephone control" radio equipment type is in compliance with Directive 2014/53/EU. For further details on the product CE marking, request a copy of the Declaration of Conformity from the manufacturer, specifying the appliance model and the language of the country.

Immergas S.p.A. declines all liability due to printing or transcription errors, reserving the right to make any modifications to its technical and commercial documents without forewarning.

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GENERAL WARNINGS.

This manual was written for: **the Installer and also includes basic instructions for the end user..**

- Carefully read the instruction in this document giving indications on the use of the “GSM telephone control”, the technical characteristics, installation, assembly, programming, adjustment and use instructions.
- The system must be compliant with applicable standards.
- The instruction manual is to be considered part of the “GSM telephone control” and must be **“kept for future reference”**.
- After removing the packaging, make sure the “GSM telephone control” is intact. If in doubt, do not use it and contact the **Dealer or Manufacturer**.
- The “GSM telephone control” is intended only for the use for which it was specially designed. Any other use must be considered improper and therefore dangerous.
- Our products are manufactured in compliance with the Safety Standards in force. It is, therefore, recommended to use all devices and attention in such a way that injury/damage is not caused to persons or objects.
- Do not disassemble parts of the “GSM telephone control” when it is operating.
- The manufacturer will not be held responsible in the following cases:
 - a) Incorrect installation.
 - b) Malfunctions of the equipment to which the “GSM telephone control” is connected.
 - c) Unauthorised changes or tampering.
 - d) Total or partial failure to comply with instructions.
 - e) Exceptional events etc.

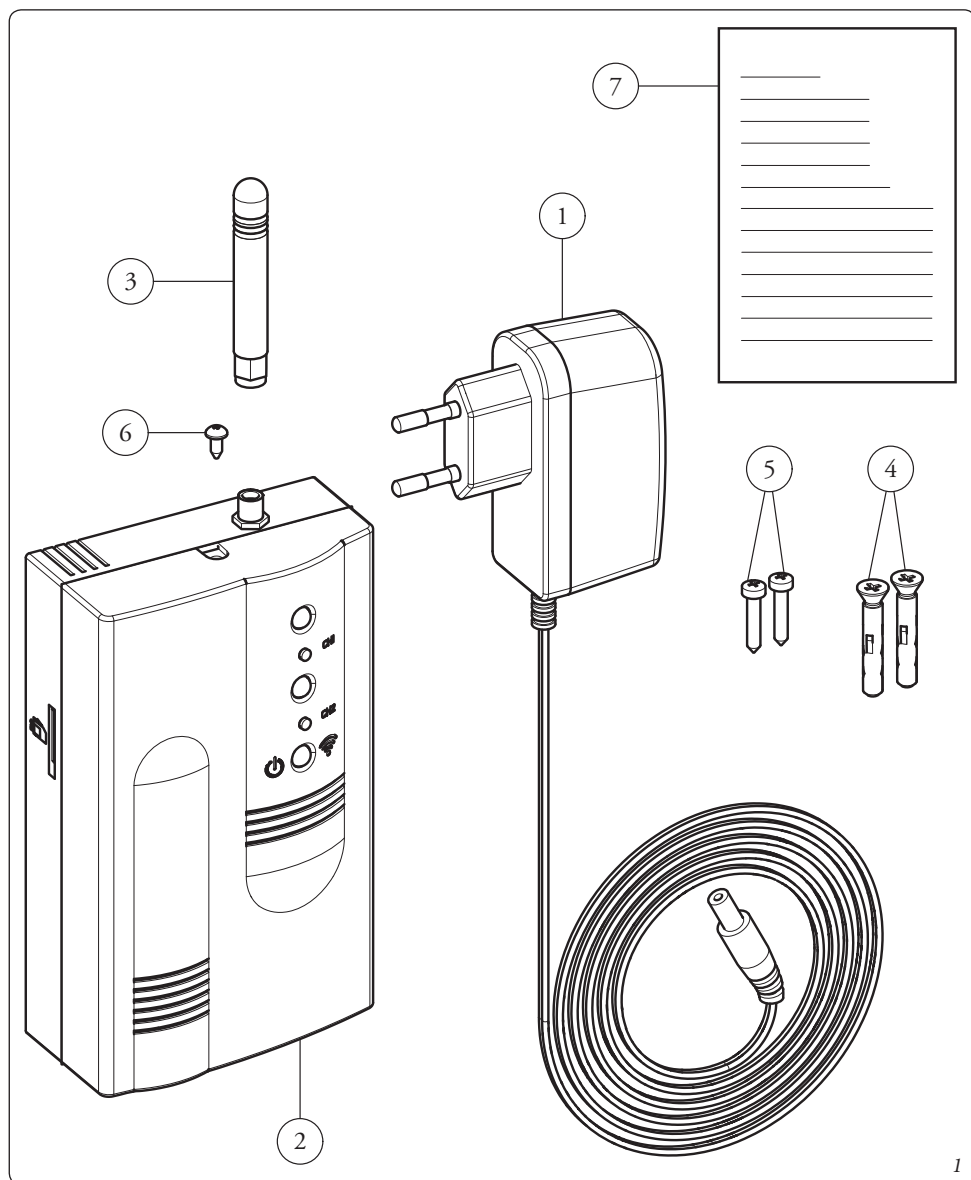
CLEANING THE CASE.

To clean the “GSM telephone control” cover, use a dry cloth. Never use abrasive or powder detergents.

WARNING.

Immergas reserves the right to make improvements and changes to details and accessories, excepting the essential features of the model described and illustrated herein.

PACKAGE CONTENTS.



Key:

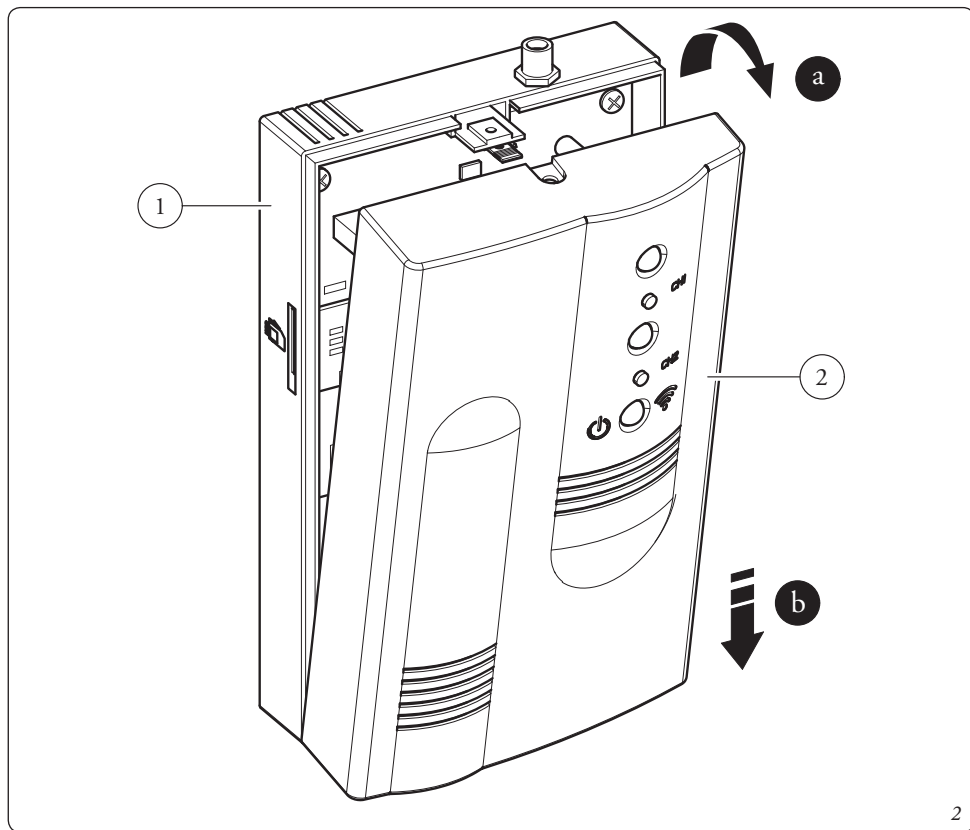
- 1 - Power supply
- 2 - GSM telephone control
- 3 - Antenna
- 4 - Expansion anchors

- 5 - Fixing screws on recessed box
- 6 - "GSM telephone control" cover fixing screw
- 7 - Instruction booklet

1. INSTALLATION.

1.1 Installation operations.

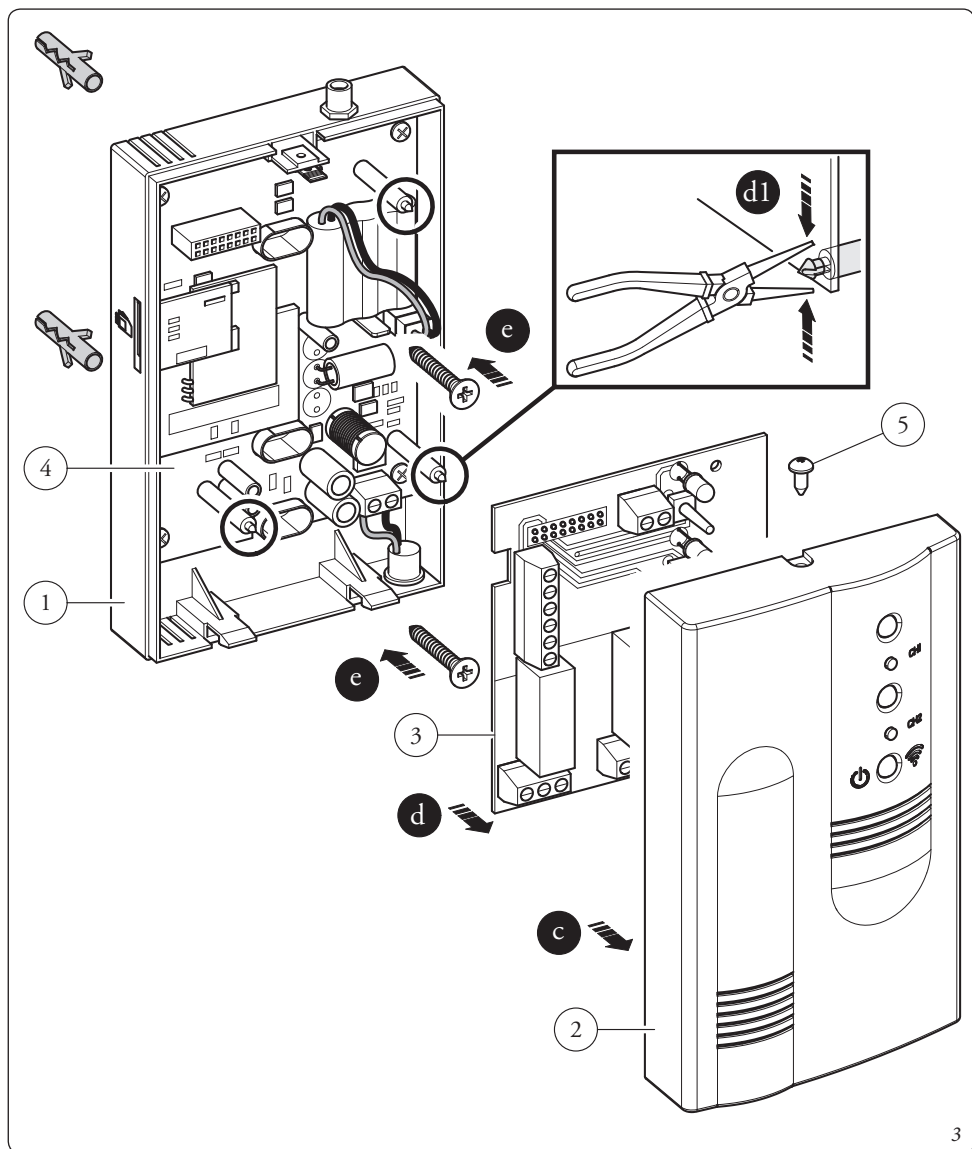
- 1) Separate the fixing template (Fig. 2 ref. 1) from the front body of the “GSM telephone control” (Fig. 2 ref. 2) by first rotating the upper part of the front body (Fig. 2 ref. a) and then pulling it out slightly towards the bottom (Fig. 2 ref. b) as indicated in Fig. 2.



- 2) Temporarily disconnect the front board (Fig. 3 ref. 3) from the rear board (Fig. 3 ref. 4) by sliding it outwards (Fig. 3 ref. d) as indicated in Fig. 3.

Note: to facilitate the operation it is advisable to press the three fastening devices (Fig. 3 ref. d1) as indicated in Fig. 3.

- 3) Install the “GSM telephone control” through the appropriate holes drilled in the rear part of the same, as indicated in Fig. 3, directly on the wall using the expansion anchors (supplied) or on a recessed box fixed vertically using the appropriate screws (supplied).
- 4) Once the wall mounting of the “GSM telephone control” has been completed, reassemble the front board (Fig. 3 ref. 3) and the front body (Fig. 3 ref. 2) proceeding in reverse with the operations previously described.
- 5) Finally, secure the front body (Fig. 3 ref. 2) to the fixing template (Fig. 3 ref. 1) by tightening the screw (Fig. 3 ref. 5) supplied in a bag in the packaging box.



2. GENERAL DESCRIPTION.

The "GSM telephone control" is equipped with two **Relays** which can be controlled by means of SMS texts or phone RINGS (**Relay 1**).

The Relays can be enabled, disabled, or enabled only for set period of time (Pulse function).

The "GSM telephone control" can also be used as a simple thermostat, allowing **Relay 2** switching on temperature to be set up.

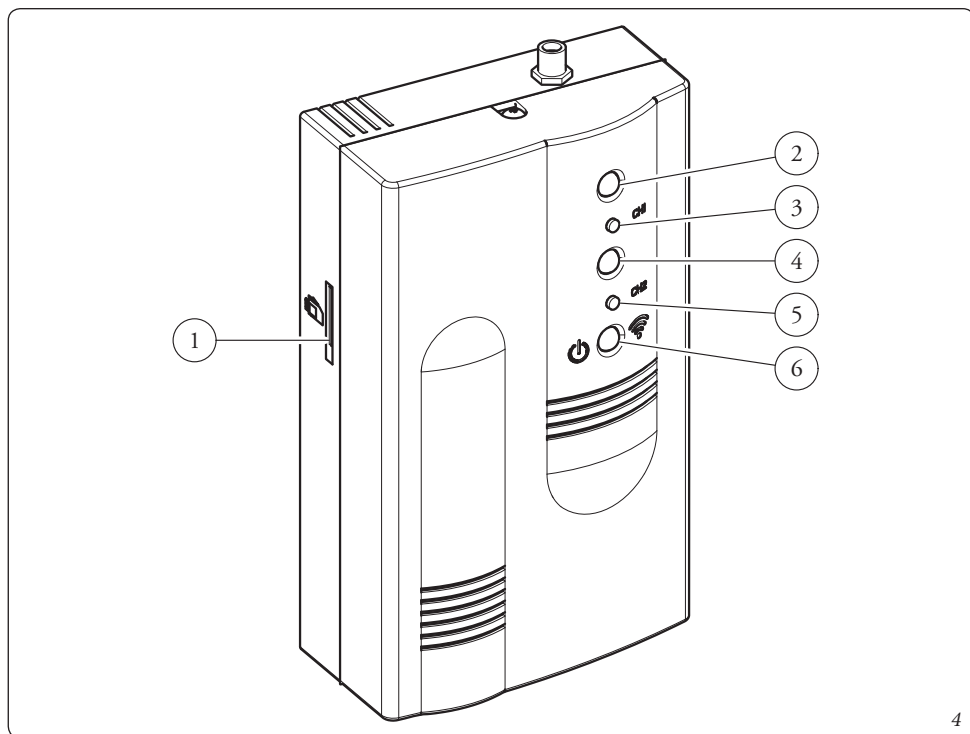
The "GSM telephone control" is also equipped with three normally open dry contact alarm inputs (**Remote contacts**). When the **STATUS** (open/closed) of these Remote controls is changed, the "GSM telephone control" sends a notification SMS to the user.

The "GSM telephone control" can be controlled only by the phone numbers it identifies.

These phone numbers can be of 2 types: "**MASTER**" and "**USER**" (see paragraph 3.1 MASTER and USER Numbers).

The "GSM telephone control" interface has three LEDs:

- GREEN LED (6): when flashing, it shows a network is being searched for or a fault has occurred; when steady, it shows that the "GSM telephone control" is connected to the GSM network.
- RED LED CH1 (2): when on, it shows that **Relay 1** is enabled;
- RED LED CH2 (4): when on, it shows that **Relay 2** is enabled.



Key:

1 - SIM CARD slot

2 - CH1 activation red LED

3 - CH1 manual activation/deactivation button

4 - CH2 activation red LED

5 - CH2 manual activation/deactivation button

6 - GSM network/fault green LED

2.1 Inserting the SIM CARD

Warning: when using old SIM CARDS of mobile phone service provider "3", the "GSM telephone control" may not work correctly.

Before inserting the SIM CARD in the left side of the "GSM telephone control":

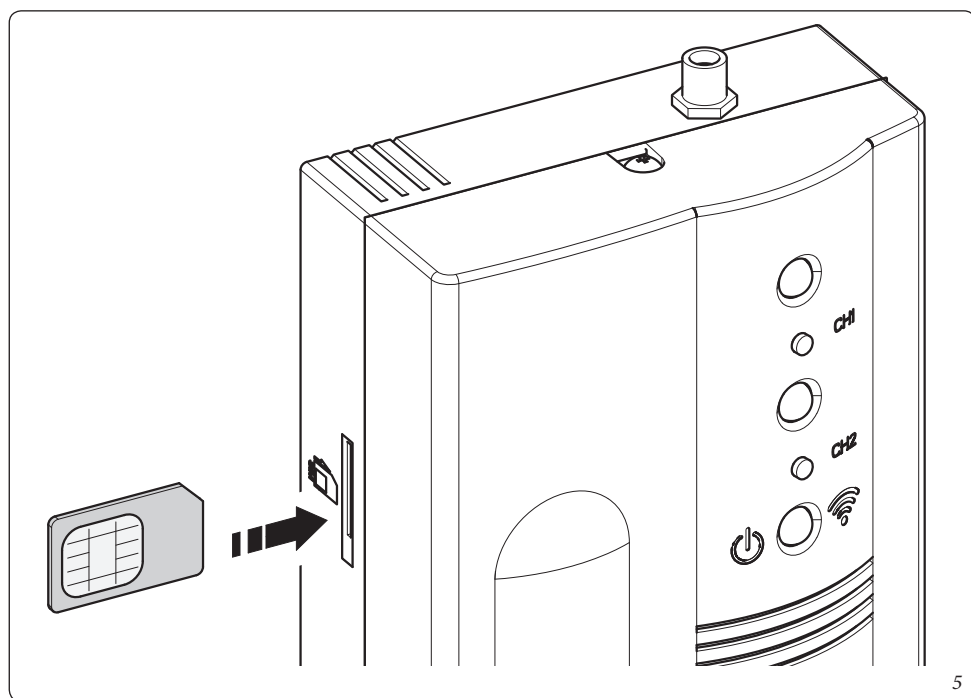
- check your balance on your SIM CARD
- make sure that your PIN and any answering service are disabled;
- make sure that the "GSM telephone control" is off (to switch off the "GSM telephone control", disconnect it from the power supply and hold down the RESET key for 2 seconds).

Then proceed as follows:

1. insert a SIM CARD all the way until it clicks into place;
2. Power the "GSM telephone control".

The GREEN LED will start flashing on the front of the "GSM telephone control".

The GREEN LED will stay on steady until the "GSM telephone control" finds a GSM signal.



2.2 Signal strength.

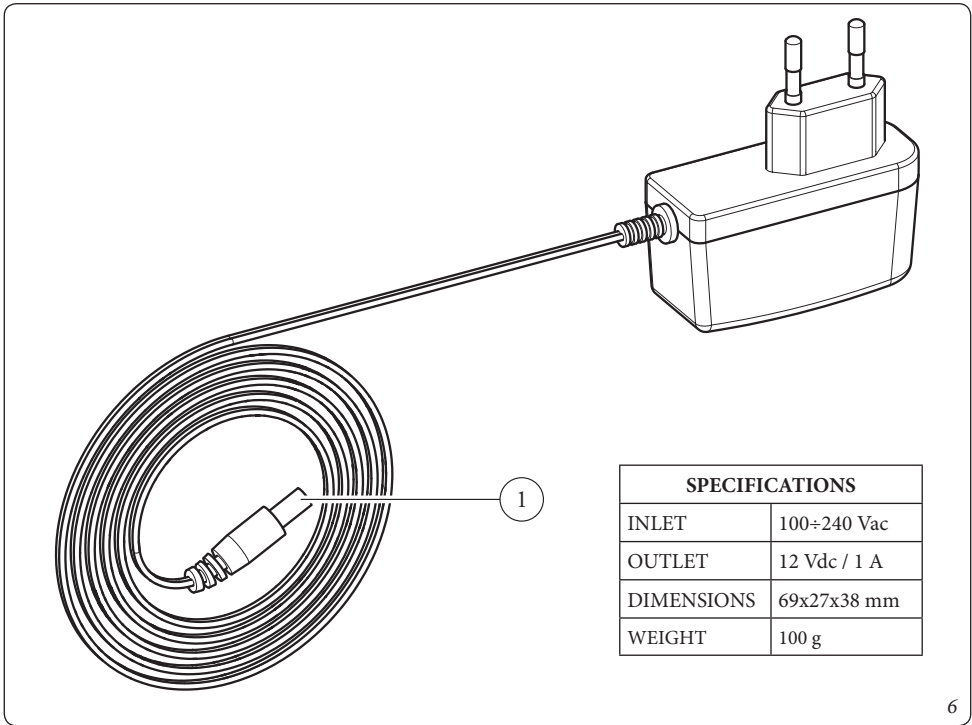
This function can be useful to find the correct position of the “GSM telephone control”.
The GSM signal strength can be viewed by simultaneously pressing the two buttons **CH1** and **CH2**.
In this case, the three LEDs display the GSM signal strength.

GREEN LED	RED LED CH 2	RED LED CH 1	Signal Strength
Off	Off	Off	0
Flashing	Off	Off	1 - 5
On	Off	Off	6 - 10
On	Flashing	Off	11 - 15
On	On	Off	16 - 20
On	On	Flashing	21 - 25
On	On	On	26 - 32 (max)

2.3 Electrical connections - Power supply.

Warning: Electrical connections must be made by qualified engineers.

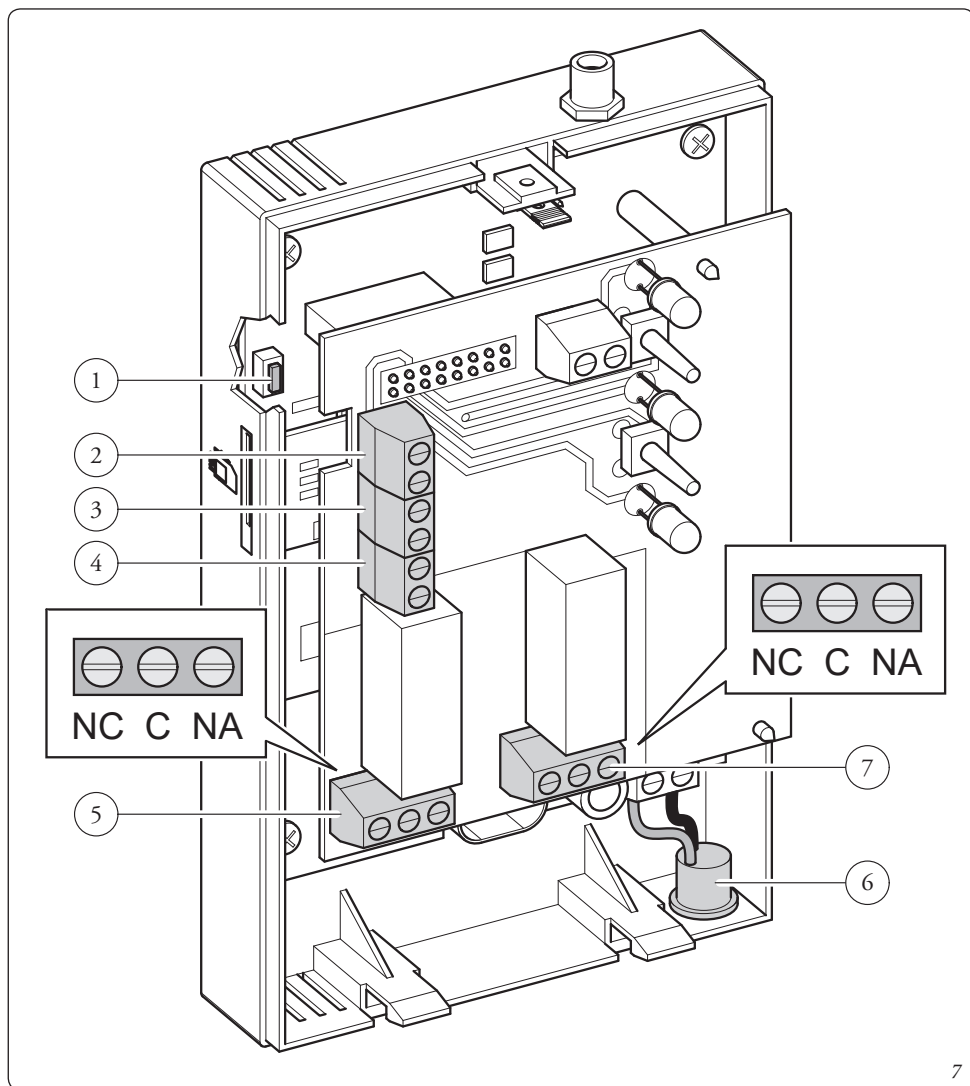
The “GSM telephone control” must be powered using the appropriate power supply (from 12 Vdc / 1 A) (1) present in the packaging (Fig. 6).



Key:
1 - Power jack

- Insert the power supply jack into the jack plug (Fig. 7 ref. 6) located on the side of the “GSM telephone control”.
- Insert the power supply socket into the mains plug (100÷240 Vac).

The “GSM telephone control” has two relays (Relay 1 (Fig. 7 ref. 7) and Relay 2 (Fig. 7 ref. 5) with voltage-free contacts: contact capacity 8 A - 250 Vac/30 Vdc (Fig. 7).

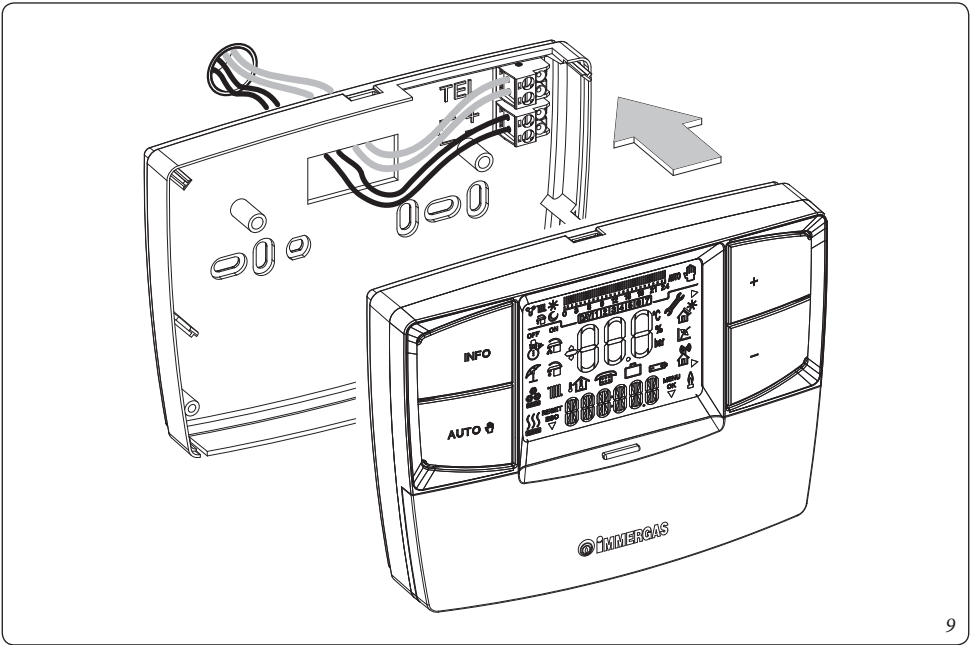
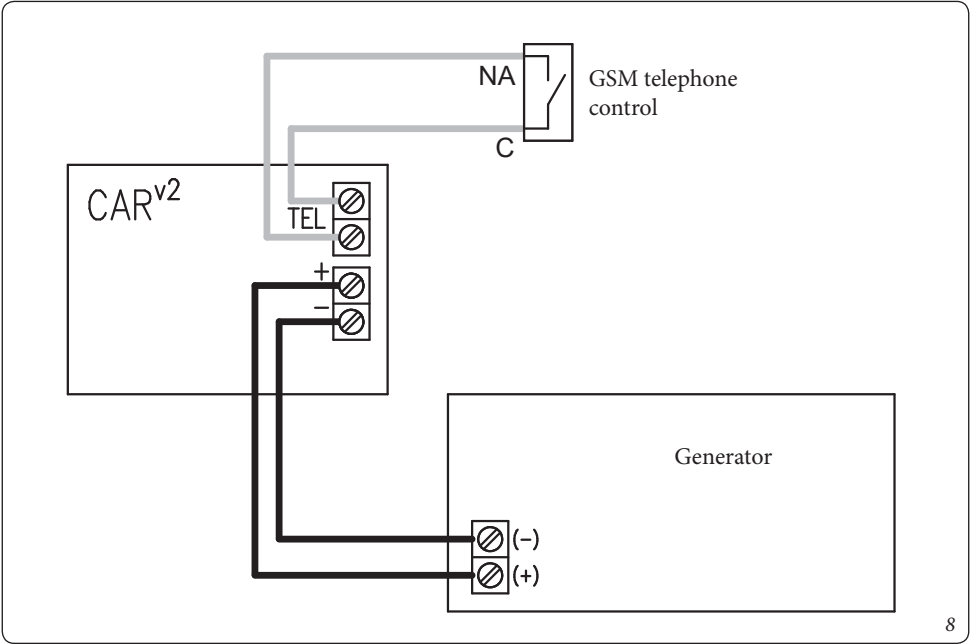


Key:

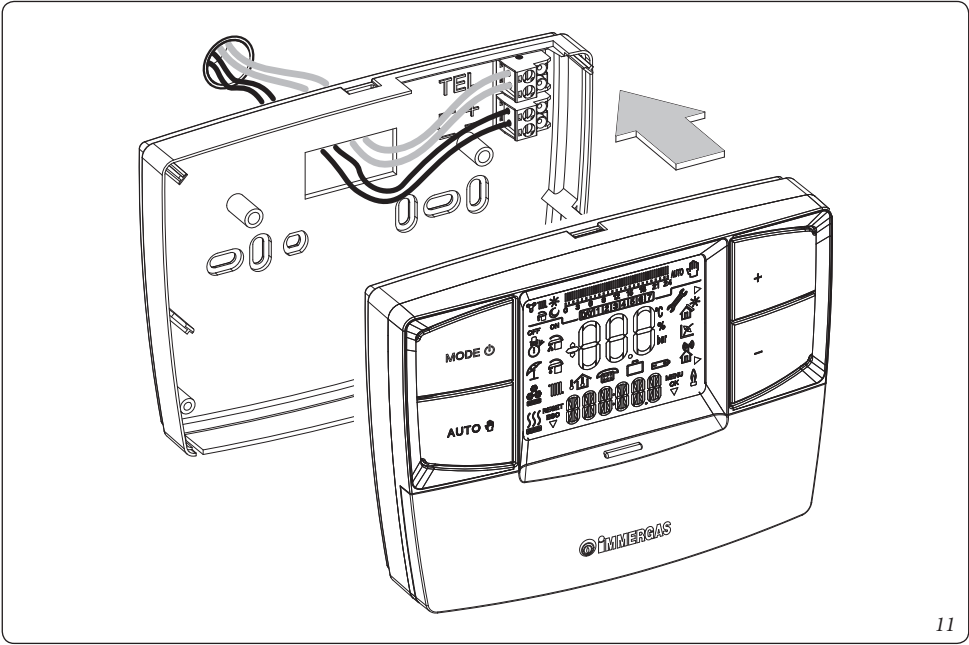
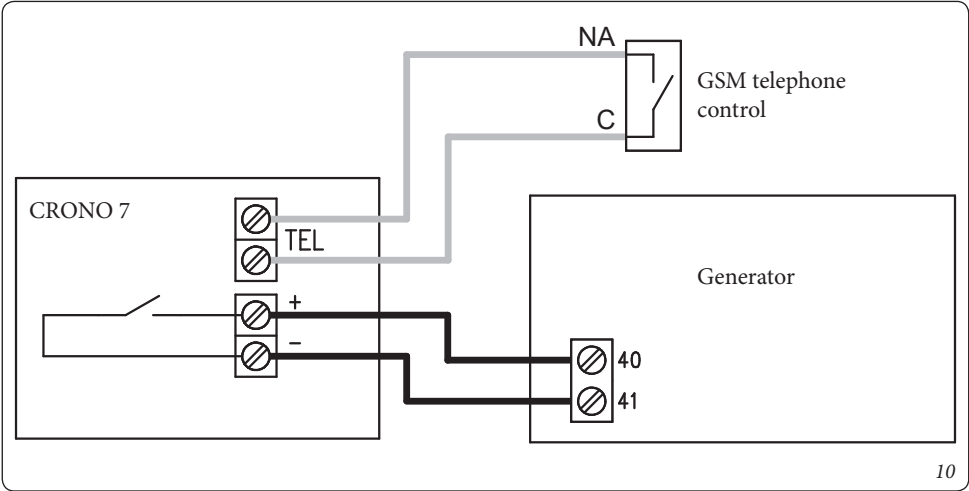
- 1 - RESET button
- 2 - Remote contact 1
- 3 - Remote contact 2
- 4 - Remote contact 3

- 5 - Relay 2 (CH2) (ON-OFF-PULSE) (thermostat function)
- 6 - Jack plug, 12 Vdc 1 A power supply
- 7 - Relay 1 (CH1) (ON-OFF-PULSE)

Connection with CAR^{v2}.



Connection with CRONO 7.



Connection to generator.

Connect the “C” and “NA” terminals of the “GSM telephone control” to the “TA” connection terminals on the generator (see generator wiring diagram).

3. CONTROL MANAGEMENT THROUGH SMS.

To be read by the “GSM telephone control”, all SMS commands must be preceded by the symbol “:”. SMS messages not preceded by the symbol “:” are disregarded and are deleted from the “GSM telephone control” without sending any reply to the sender number. If a SMS message preceded by the symbol “:” is sent with syntax errors, it will not be acknowledged and the “GSM telephone control” will return the string: “Invalid SMS message”.

3.1 MASTER and USER numbers.

The “GSM telephone control” can only be controlled by the numbers recognized by it. These numbers can be of 2 types: “MASTER” and “USER”.

MASTER numbers can set up the following functions:

- **enable/disable/pulse** loads by means of SMS or RING;
- **Relay 2** switching on temperature (thermostat function);
- **enable/disable** the “GSM telephone control” to send the relay STATUS change notification by means of a SMS message;
- **enable/disable** the “GSM telephone control” to send the relay STATUS change notification by means of a phone RING;
- **enable/disable** the sending of the power **absence/presence** notification SMS by the “GSM telephone control”;
- set up the **Relay 1** pulse time by means of a RING;
- **enter/delete** USER numbers.

MASTER numbers can receive:

- notifications (if enabled) of relay STATUS change by means of a SMS message.
- notifications (if enabled) of relay STATUS change by means of a RING;
- notifications (if enabled) of **power supply off/on**.
- notifications of **Remote contacts** STATUS change.

USER numbers can set up the following functions:

- **enable/disable/pulse** loads by means of SMS or RING;
- set up the **Relay 2** on temperature.

USER numbers can receive:

- notifications (if enabled) of **Relay** STATUS change by means of an SMS command;
- notifications (if enabled) of **Relay** STATUS change by means of a RING.

To enter MASTER numbers, a password is required.

3.2 Password.

A **Password** is required to enter MASTER numbers inside the “GSM telephone control”.

Warning: the **Password** set by default is **0000**.

To change the “GSM telephone control” **Password** use the SMS string:

:password#1234=5678

where **1234** is the old **Password** (default **0000**) whilst **5678** is the new **Password**.

The **Password** can only be made up of 4 numbers.

For example, to change the default password with the new **5432**, the following command must be sent:

:password#0000=5432

If the command is accepted, the “GSM telephone control” will return the string: **Password changed**.

The Password change command can be sent from any GSM number.

Warning: if the old **password** is incorrect, the “GSM telephone control” will return the following string: **Wrong password**.

Warning: if the new **password** contains more or less than 4 numbers, or contains non-number characters, the “GSM telephone control” will return the following string: **Invalid new password**.

3.3 Entering MASTER numbers.

MASTER numbers can be entered by anyone who knows the **password**.

1 to 3 MASTER numbers can be entered.

The command to enter them is shown below:

:master#0000=+3912345678,+3987654321,+391324846

Where “0000” represents the “GSM telephone control” password, whilst the numbers to the right of the “=” are the MASTER numbers to be saved.

If the command is accepted, the “GSM telephone control” will return the message **Master Numbers/s saved**.

PAY ATTENTION to the following indications:

- MASTER numbers must be entered without spaces and must include the international prefix, where the access code must be entered as “+” (Italian international prefix: +39));
- to enter multiple MASTER numbers, a comma “,” without spaces must be entered between each number. The command must end with a full stop “.”;
- if you wish to add a MASTER number in addition to other MASTER numbers already saved, the MASTER number entering command must be sent, including all the previously MASTER numbers, otherwise they will automatically be deleted as MASTER numbers (they will however continue to be active as **USER** numbers).
- if the **password** is incorrect, the “GSM telephone control” will return the following string: **Wrong password**.
- if the MASTER numbers are invalid (they contain characters, they are too short etc..) the “GSM telephone control” will return the string **Invalid Master Number**.

If the command is accepted, the “GSM telephone control” will return the message **Master Numbers/s saved**.

3.4 Entering USER numbers.

USERS can only be entered by MASTER numbers.

The command used to enter new **USERS** is:

:user=+3912345678,+3987654321,...,+391324846.

The numbers to the right of “=” are the USER numbers to be saved.

If the command is accepted, the “GSM telephone control” will return the message **User/s saved**.

PAY ATTENTION to the following indications:

- **USER** numbers must be entered without spaces and must include the international prefix, where the access code must be entered as “+” (Italian international prefix: +39);
- to enter multiple **USER** numbers, a comma “,” without spaces must be entered between each number. The command must end with a full stop “.”;
- the maximum length of 160 characters for an ordinary SMS message must not be exceeded. If the user numbers to be entered are so many as to exceed the maximum SMS message length, 2 or more SMS messages must be sent separately with the add user command;
- if one of the **USER** numbers entered contains errors, it will not be saved with all the numbers added after the error was made. The “GSM telephone control” will return the string: **Number <n> could be be saved** and any subsequent numbers where <n> is the number with the error;
- a number without errors may not be saved (for example, if the memory in the SIM card is full); in this case, the “GSM telephone control” will return the following string: **Number Saving Error. Try again!**

3.5 Deleting USERS.

USERS can be deleted only by MASTER numbers.

The command used to delete users is

: delete=+3912345678,+3987654321,...,+391324846.

The numbers to the right of “=” are the USER numbers to be deleted.

If the command is accepted, the “GSM telephone control” will return the string **user/s deleted**.

PAY ATTENTION to the following indications:

- **USER** numbers must be entered without spaces and must include the international prefix, where the access code must be entered as “+” (Italian international prefix: +39);
- to delete multiple **USERS**, a comma “,” without spaces must be entered between each number. The command must end with a full stop “.”;
- the maximum length of 160 characters for an ordinary SMS message must not be exceeded. If the **USER** numbers to be entered are so many as to exceed the maximum SMS message length, 2 or more SMS messages must be sent separately with the delete user command;
- **MASTER** numbers cannot be deleted with the delete **USER** command; in this case, the “GSM telephone control” will return the following string: **“This and any subsequent master numbers cannot be deleted”**;
- if one of the **USER** numbers entered contains errors, it will not be deleted, nor will any subsequent number. The “GSM telephone control” will return the string: **This and any subsequent number <n> cannot be deleted**, where <n> is the number with the error.

3.6. “GSM telephone control” status query.

The command string can be sent by a registered **MASTER** number or by a **USER** number, and is used to identify the “GSM telephone control” status. The command string to be sent is:

:?

and the “GSM telephone control” will return the following STATUS string:

:LOAD1=off
LOAD 2=off
REMOTE 1=off
REMOTE 2=off
REMOTE 3=off
TEMPERATURE=27.5
TEMPERATURE ON =27.5
SIGNAL=31
POWER SUPPLY=yes

where:

LOAD 1: relay 1 status (“on” = enabled; “off” = disabled; “pulse enabled” = pulse);

LOAD 2: relay 2 status (“on” = enabled; “off” = disabled; “pulse enabled” = pulse);

REMOTE 1: remote 1 contact status (“on” = closed; “off” = open);

REMOTE 2: remote 2 contact status (“on” = closed; “off” = open);

REMOTE 3: remote 3 contact status (“on” = closed; “off” = open);

TEMPERATURE: temperature detected in °C;

ON TEMPERATURE: load on temperature in °C;

SIGNAL: GSM signal strength (minimum 0, maximum 31);

POWER SUPPLY: indicates if there a 12V power supply (yes) or if the power is supplied by a battery (no).

3.7 Enabling/disabling a load.

ENABLING A LOAD

The command can be sent by a registered MASTER number or a USER number, and is used to enable one of the 2 relays. To enable **Load 1**, send the command:

:on1

to enable **Load 2** send the command:

:on2

If the command is accepted and the SMS command notifications have been activated, the “GSM telephone control” will return the STATUS string.

DISABLING A LOAD

The command can be sent by a registered MASTER number or USER number, and is used to disable one of the 2 relays. To disable **Load 1**, send the command:

:off1

to disable **Load 2** send the command:

:off2

If the command is accepted and the SMS command notifications have been activated, the “GSM telephone control” will return the STATUS string.

3.8 Pulses of n seconds.

The command can be sent from a registered MASTER or USER number, and is used to enable one of the 2 relays for a set number of seconds.

For relay 1, the command is:

:imp1=n

Where “n” is the number of load activation seconds and can range from 1 to 65535, whilst for relay 2, the command is:

:imp2=n

Where “n” is the number of load activation seconds and can range from 1 to 65535.

If the SMS command notifications are activated, the “GSM telephone control” will return the STATUS string.

3.9 Enabling SMS command notifications.

Ending notifications by means of SMS messages can be **enabled/disabled** when **enable/disable** or **pulse** load commands are received.

The notification is sent with a STATUS string, which must contain the changes made to the relays with the command sent.

To enable the notifications, the following string must be sent (from a MASTER number):

:notificasms=on

The “GSM telephone control” will return the string SMS message notifications enabled.

To disable the notifications, the following string must be sent (from a MASTER number):

:notificasms=off

The “GSM telephone control” will return the string SMS message notifications disabled.

3.10 Ring function.

Relay 1 can also be enabled/disabled by means of a phone RING.

By calling the “GSM telephone control” number, **Relay 1** will be switched (if it is set to “OFF”, it will be switched to “ON” and vice versa).

The “GSM telephone control” will automatically end the call when the RING is received.

The RING only works for the registered **MASTER** and **USER** numbers.

In addition, by using the RING, **Relay 1** can be switched to “ON” for a set period of time (pulse function).

To set the time, a **MASTER** phone number must be sent with the command:

:pulse =n

Where “n” is the load activation time (in seconds) which ranges from 1 to 65535.

After sending a command, the “GSM telephone control” will return the string:

pulse mode enabled

To disable the pulse mode from RING, the following command must be sent:

:pulse =0

The “GSM telephone control” will return the pulse mode disabled string.

With the RING function, if the RING command notifications have been enabled, the “GSM telephone control” will return the STATUS string.

3.11 Enabling ring command notifications.

Sending a SMS message notification can be enabled/disabled when **enable/disable** or **pulse loads** rings are received. The notification is sent with a STATUS string, which must contain the changes made to the relays with the command sent.

To enable the notifications, the following string must be sent (from a MASTER number)

:notificasquillo=on

The “GSM telephone control” will return the string ring notifications enabled.

To disable the notifications, the following string must be sent (from a MASTER number)

:notificasquillo=off

The “GSM telephone control” will return the string ring notifications disabled.

3.12 Adjusting the temperature.

The “GSM telephone control” is fitted with an internal NTC.

This allows the **Relay 2** to be used to adjust the room temperature.

To set the desired temperature, the MASTER or USER number command must be sent:

:temperature=25.2

Where 25.2 is the temperature in “°C” to be reached.

The temperature can be set between 0.1°C to 99.9°C

After sending a command, the “GSM telephone control” will return the STATUS string, whilst the load will be controlled (in heating mode) to maintain the desired temperature.

To disable the temperature function, the following command must be sent:

:temperature=0

or switch the **Relay** with manual control.

The command **:temperature=0** automatically switches the **Relay 2** to OFF:

The “GSM telephone control” will return the following STATUS string.

Warning: If the temperature function is enabled, any on/off/pulse command for Relay 2 will be ignored.

3.13 Controlling the “GSM telephone control” through a status string.

It is possible to control the “GSM telephone control” by modifying the STATUS string (modify **Loads** status “LOAD 1, LOAD 2” and thermostat temperature “TEMPERATURE ON”).

To this avail, the STATUS string received from the “GSM telephone control” must be copied and the **Loads** parameters and the thermostat temperature must be changed.

To enable the pulse for a **Load**, the seconds must be directly entered in place of the **Load** STATUS..

For example, to set in the **pulse** function **Load 1** for 12 seconds and switch on **Load 2**, send the following command:

```
:LOAD 1=12  
LOAD 2=on  
REMOTE 1=off  
REMOTE 2=off  
REMOTE 3=off  
TEMPERATURE=20.0  
TEMPERATURE ON =00.0  
SIGNAL=41  
POWER SUPPLY=yes
```

Any changes made to the non editable parameters will not have any effect.

After the command is received, if notifications are enabled, the GSM telephone control will return the STATUS string.

Warning: if the “TEMPERATURE ON” parameter is different from 00.0, any setting for Load 2 will be ignored.

3.14 Remote contacts.

The “GSM telephone control” has 3 **Remote contacts**.

When one of these **Remote contacts** changes STATUS, a SMS message is sent to all the MASTER numbers with the new STATUS of the **Remote contact** that has been changed.

For example, if **Remote contact 1** is closed, the STATUS SMS message will be received:

```
:LOAD 1=on  
LOAD 2=off  
REMOTE 1= On  
REMOTE 2=off  
REMOTE 3=off  
TEMPERATURE=20.0  
TEMPERATURE ON =00.0  
SIGNAL=41
```

3.15 No mains voltage.

The "GSM telephone control" can send a SMS message notification to the MASTER numbers if the 12V power supply goes down or is restored. The function can be enabled or disabled.

To enable the function, the following command must be sent from a MASTER number:

:rete=on

The "GSM telephone control" will return the string: **Mains status notification enabled.**

To disable the function, the following command must be sent from a MASTER number:

:rete=off

The "GSM telephone control" will return the string: **Mains status notification disabled.**

If there is no mains voltage and the function is enabled, the "GSM telephone control" will send the following string to all MASTER numbers: **no mains power.**

In this event, the "GSM telephone control" will work with a battery and will reply to the STATUS and setting SMS messages, as well as to the STATUS change of the REMOTE contacts until the battery runs out.

However, LOADS cannot be enabled and disabled, as they are automatically set to OFF.

When the mains voltage is restored, the "GSM telephone control" will be switched on and will send the following string all MASTER numbers: **Mains power on.**

The LOADS will return to the STATUS they were in before the mains power went down.

The internal battery is a lithium polymer battery and is automatically recharged.

3.16 Manual function.

The front of the "GSM telephone control" is fitted with the CH1 and CH2 buttons.

These buttons allow the LOADS to be manually switched.

By holding down for 2 seconds the **CH1** button, **Relay 1** will be switched.

By holding down for 2 seconds the **CH2** button, **Relay 2** will be switched.

By manually switching **Relay 2** the thermostat function for **Relay 2** will be automatically disabled (if enabled).

3.17 Device hardware reset.

Warning: RESET must be made by qualified engineers.

To carry out the device hardware RESET:

- unscrew the fixing screw located to the side of the GSM antenna.
- remove the front panel of the "GSM telephone control".
- with the aid of a screwdriver, press the RESET button;
- fit the front panel and tighten the fixing screw.

The GREEN LED will now start to flash to indicate it is searching for a GSM signal.

The GREEN LED will stay on steady only when it is connected to the GSM network.

The RESET function will not delete: the USER numbers, the MASTER numbers, the settings and the password, but will reset the load STATUS.

4 GSM COMMANDS SUMMARY.

COMMAND	EXPLANATION
:on1	Load 1 is enabled
:on2	Load 2 is enabled
:off1	Load 1 is disabled
:off2	Load 2 is disabled
:im p1= n	Load 1 will be enabled for n seconds
:im p2= n	Load 2 will be enabled for n seconds
:?	"GSM telephone control" status query
:password#0000= 1111	"GSM telephone control" password changed to enter MASTER numbers
:m aster#1111=+39---,+ 39---.	Entering MASTER numbers
:user= +39---,+ 39---.	Entering new users
:delete= + 39---,+ 39---.	Deleting users
:notific asm s=on/off	Enabling/disabling SMS command notification
:notific asquillo= on/o ff	Enabling/disabling ring command notification
:temperatura= 25,2	Setting up switching on temperature (ex. 25.2°C)
:rete= on/off	Enabling/disabling power supply off/on notification
:impulso= n	Setting up Load 1 pulse when ringing for n seconds
STATO	The status string can be edited to edit loads and temperature

5 PROBLEMS/SOLUTIONS

PROBLEMS	SOLUTIONS
GREEN LED flashing every 3 seconds	<ul style="list-style-type: none">- SIM card with PIN to be removed.- SIM card incorrectly inserted.- Make sure that the SIM card has not been disabled from the phone company.- Communication error with GSM module.
GREEN LED flashing every 0.5 seconds	<ul style="list-style-type: none">- The GREEN LED flashing for more than one minute indicates that there is no GSM network in that position. Find an area with a better GSM signal.

6 TECHNICAL SPECIFICATIONS.

- Power supply:..... With 12 Vdc / 1 A power supply (supplied in the packaging)
- Relay Output: 2
- Output Power:..... Class 4 (2 W@850/900 MHz)
Class 1 (1 W@1800/1900 MHz)
- Sensitivity: 107 dB@850/900/1800/1900 MHz
- Battery:..... Rechargeable Li-ION POLY 3.7 V - 500 mA
- User management:..... Yes (with optional password)
- External antenna:..... YES
- Monostable relay: 8 A - 250 Vac
- Type of control:.....SMS, RING or MANUAL
- Clean contact inputs: 3
- Programming:..... Via SMS
- Dimensions: 140x85x44 mm
- Reference Standards:.....EN301489-7 / EN301511 / EN60950



WEEE

DIRECTIVE 2012/19/EU (Waste Electrical and Electronic Equipment - WEEE):

Information for users:

The crossed-out bin label on the product indicates that the product must not be disposed of using the normal household waste disposal procedure. To avoid any damage to the environment and human health, separate this product from other household waste so that it can be recycled according to environmentally friendly procedures. For more details on available collection centres, contact your local government office or the retailer of your product.



This instruction booklet
is made of ecological paper



immergas.com

Professionals in the sector can also use the
e-mail address to request further specific details:
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