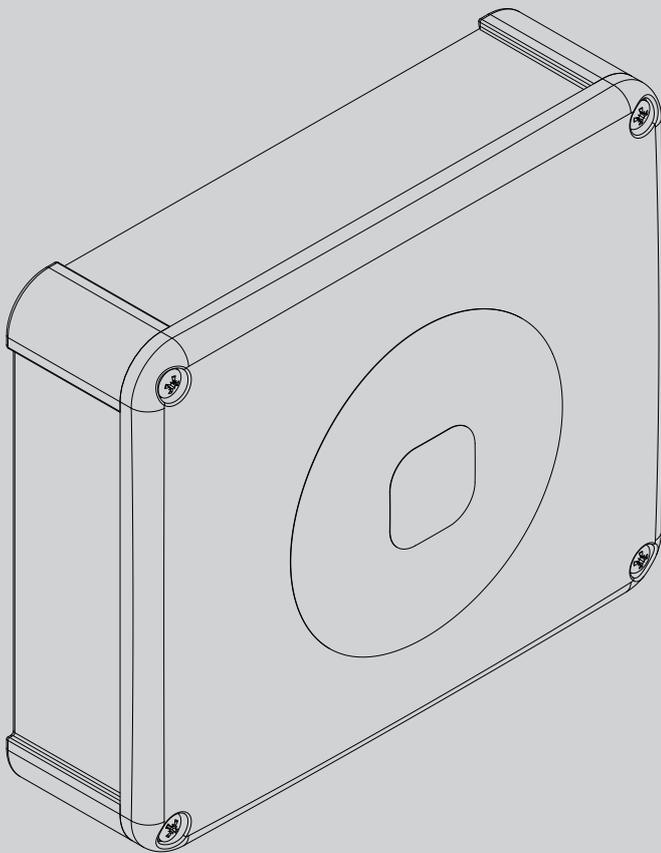RICEVITORE
RECEIVER
RÉCEPTEUR
EMPFÄNGER
RECEPTOR
ONTVANGER

GSM RIC 24V

ISTRUZIONI D'USO E DI INSTALLAZIONE
INSTALLATION AND USER'S MANUAL
INSTRUCTIONS D'UTILISATION ET D'INSTALLATION
INSTALLATIONS-UND GEBRAUCHSANLEITUNG
INSTRUCCIONES DE USO Y DE INSTALACION
INSTALLATIEVOORSCHRIFTEN

BFt

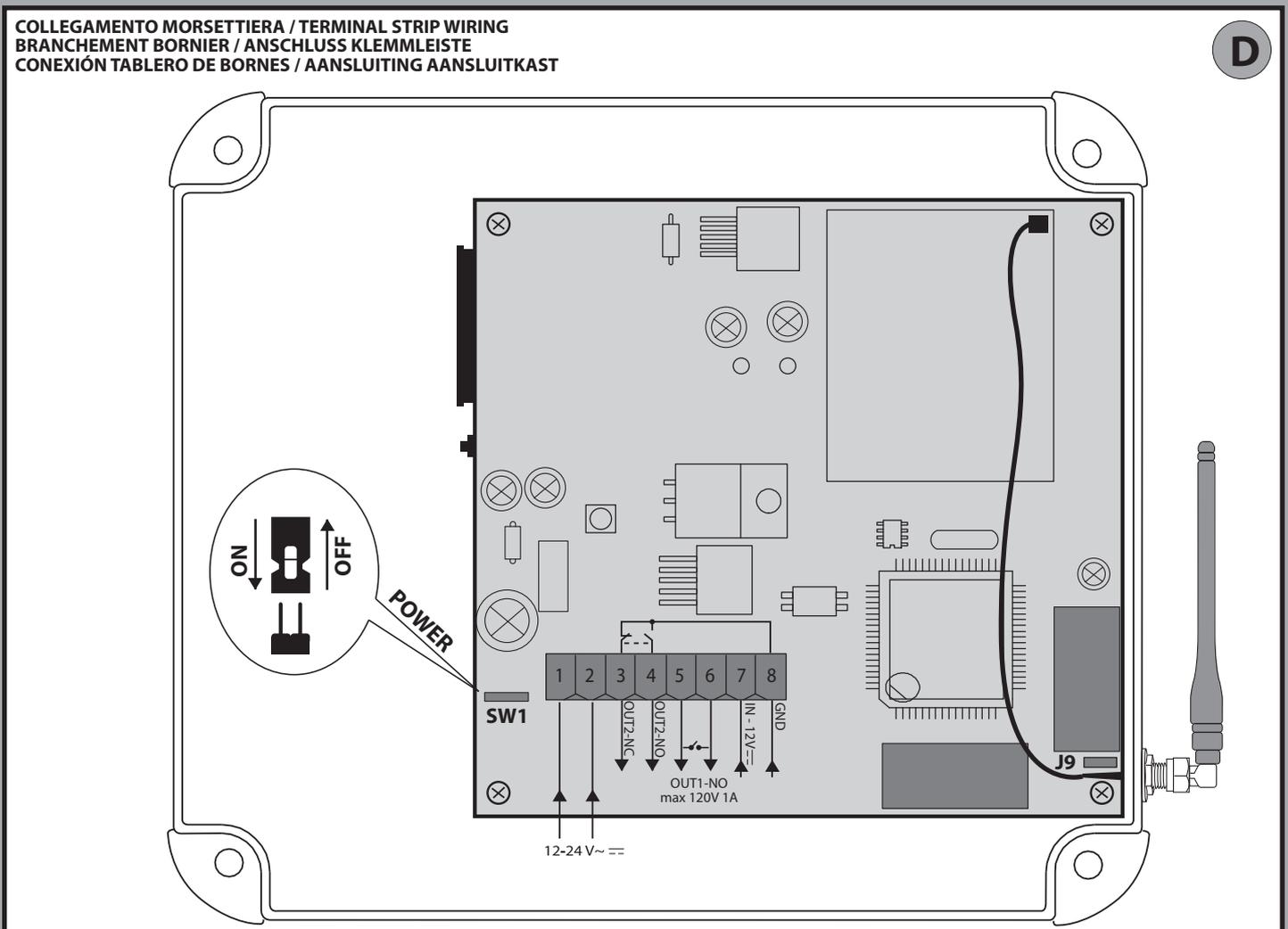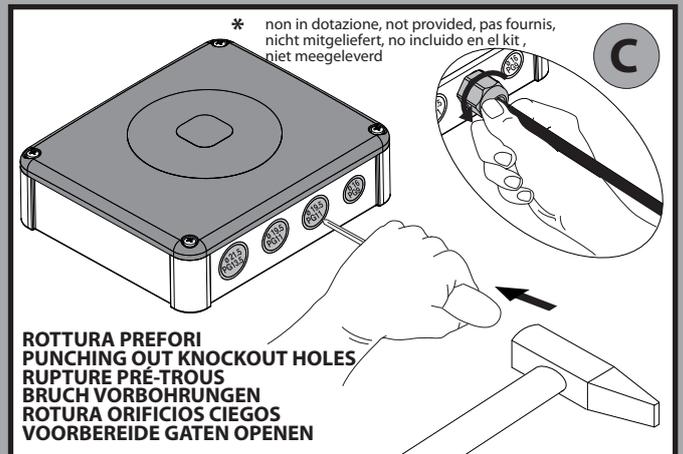UNAC CE

Attenzione! Leggere attentamente le "Avvertenze" all'interno! **Caution!** Read "Warnings" inside carefully! **Attention!** Veuillez lire attentivement les Avertissements qui se trouvent à l'intérieur! **Achtung!** Bitte lesen Sie aufmerksam die „Hinweise" im Inneren! **¡Atención¡** Leer atentamente las "Advertencias" en el interior! **Let op!** Lees de "Waarschuwingen" aan de binnenkant zorgvuldig!

INSTALLAZIONE VELOCE-QUICK INSTALLATION-INSTALLATION RAPIDE
SCHNELLINSTALLATION-INSTALACIÓN RÁPIDA - SNELLE INSTALLATIE

A

PREDISPOSIZIONE TUBI
TUBE ARRANGEMENT
AMÉNAGEMENT TUYAUX
VORBEREITUNG ROHRE
DISPOSICIÓN TUBOS
VOORBEREIDING BUIZEN

4x0.75 mm²

GSM

B

DIMENSIONI/ DIMENSIONS
DIMENSIONS / ABMESSUNGEN
DIMENSIONES / AFMETINGEN

154 mm

130 mm

50 mm

107 mm

28 mm

C

✳ non in dotazione, not provided, pas fournis, nicht mitgeliefert, no incluido en el kit , niet meegeleverd

ROTTURA PREFORI
PUNCHING OUT KNOCKOUT HOLES
RUPTURE PRÉ-TROUS
BRUCH VORBOHRUNGEN
ROTURA ORIFICIOS CIEGOS
VOORBEREIDE GATEN OPENEN

COLLEGAMENTO MORSETTIERA / TERMINAL STRIP WIRING
BRANCHEMENT BORNIER / ANSCHLUSS KLEMMLEISTE
CONEXIÓN TABLERO DE BORNES / AANSLUITING AANSLUITKAST

D

ON
OFF

POWER

SW1

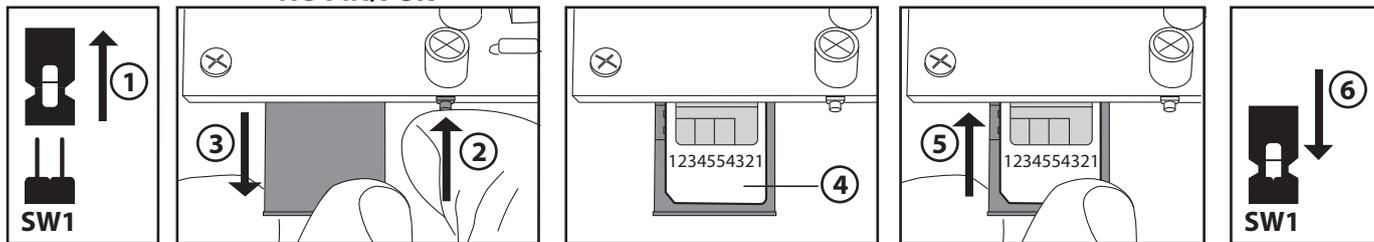| 1	2	3	4	5	6	7	8
		OUT2-NC	OUT2-NO			IN - 12V⎓	GND

OUT1-NO
max 120V 1A

12-24 V∼ ⎓

J9

D811773 00100_01

INSERIMENTO SIM / INSERTING THE SIM CARD/ INTRODUCTION CARTE SIM// EINSETZEN DER SIM // INTRODUCCIÓN SIM // SIM AANBRENGEN

NO PIN/PUK

E

SW1

1234554321

SW1

INSERIMENTO NUOVO NUMERO SU SIM/ADDING A NEW NUMBER TO SIM CARD/ INTRODUCTION NOUVEAU NUMÉRO SUR CARTE SIM/ EINGEBEN EINER NEUEN NUMMER AUF DER SIM/ INTRODUCCIÓN NUEVO NÚMERO EN SIM/NIEUW NUMMER INVOEREN OP DE SIM

F

Numero cell. 0123456789/
Mobile number 0123456789/
Numéro de cellulaire 0123456789/
Mobil-Nr. 0123456789 /
Número móvil 0123456789/
Nummer mobiele tel. 0123456789

SMS
#PWD123456
#WHL01
=0123456789

invia a...*

1234554321

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
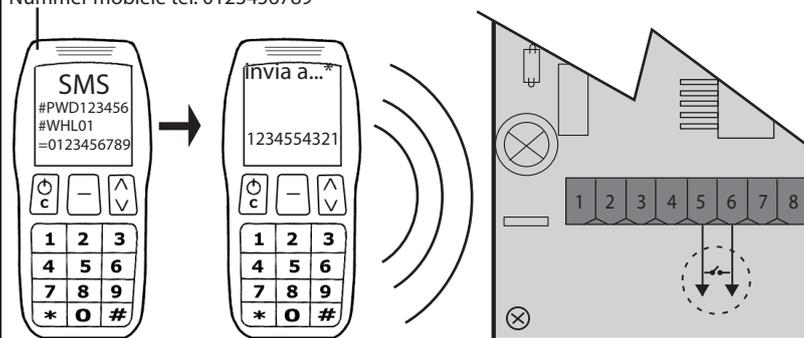
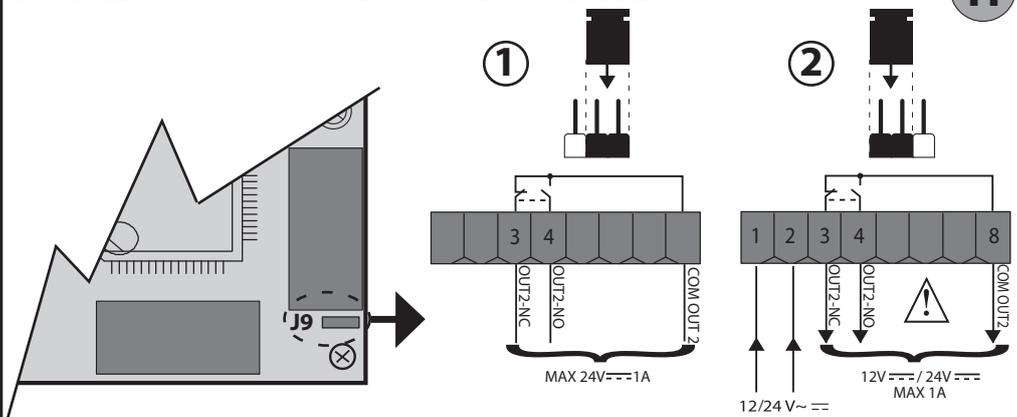* invia a...// Send to...// Envoyer à...// Senden an...// Enviar a ...// Stuurt naar....

**ATTIVAZIONE USCITA CONTATTO OUT 1
ACTIVATING THE OUT 1 CONTACT OUTPUT
ACTIVATION SORTIE CONTACT OUT 1
AKTIVIERUNG AUSGANG KONTAKT OUT 1
ACTIVACIÓN SALIDA CONTACTO OUT 1
ACTIVERING UITGANG CONTACT OUT 1**

G

SIM number
1234554321

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
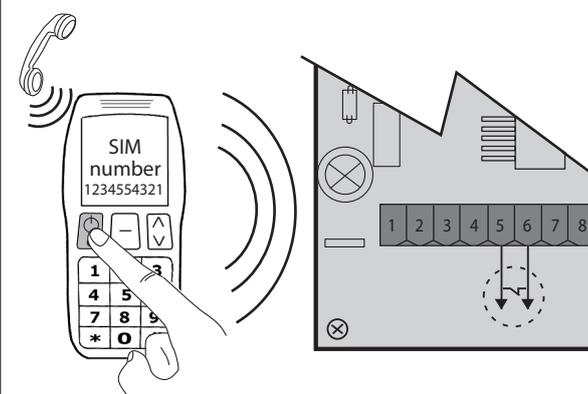
**CONFIGURAZIONE OUT 2 / OUT 2 CONFIGURATION / CONFIGURATION OUT 2
KONFIGURIERUNG OUT 2 / CONFIGURACIÓN OUT 2 / CONFIGURATIE OUT 2**

H

J9

① ②

| | 3 | 4 | | | COM OUT 2 |
| OUT2-NC | OUT2-NO | |

MAX 24V⎓1A

| 1 | 2 | 3 | 4 | | 8 |
| | | OUT2-NC | OUT2-NO | | COM OUT2 |

12/24 V~ ⎓

12V ⎓ / 24V ⎓
MAX 1A

⚠

**UTILIZZO INGRESSO "IN"
USE OF <IN> INPUT
UTILISATION ENTRÉE <IN>
VERWENDUNG EINGANG <IN>
USO ENTRADA <IN>
GEBRUIK INGANG <IN>**

I

| 7 | 8 |

H⎓
GND
12V
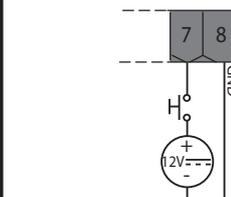
LISTA PERSONALE / PERSONAL LIST/ LISTE PERSONNELLE/ PERSONALLISTE / LISTA PERSONAL/ PERSOONLIJKE LIJST

J

PASSWORD / MOT DE PASSE / PASSWORD / CONTRASEÑA

....

Numeri lista/ List of numbers/ Liste numéros/ Nummernliste/ Lista números / Lijst met nummers						
01.	16.	31.	46.	61.	76.	91.
02.	17.	32.	47.	62.	77.	92.
03.	18.	33.	48.	63.	78.	93.
04.	19.	34.	49.	64.	79.	94.
05.	20.	35.	50.	65.	80.	95.
06.	21.	36.	51.	66.	81.	96.
07.	22.	37.	52.	67.	82.	97.
08.	23.	38.	53.	68.	83.	98.
09.	24.	39.	54.	69.	84.	99.
10.	25.	40.	55.	70.	85.	
11.	26.	41.	56.	71.	86.	
12.	27.	42.	57.	72.	87.	
13.	28.	43.	58.	73.	88.	
14.	29.	44.	59.	74.	89.	
15.	30.	45.	60.	75.	90.	

AVVERTENZE PER L'INSTALLATORE

ATTENZIONE! Importanti istruzioni di sicurezza. Leggere e seguire attentamente tutte le avvertenze e le istruzioni che accompagnano il prodotto poiché un'installazione errata può causare danni a persone, animali o cose. Le avvertenze e le istruzioni forniscono importanti indicazioni riguardanti la sicurezza, l'installazione, l'uso e la manutenzione. Conservare le istruzioni per allegarle al fascicolo tecnico e per consultazioni future.

Questo prodotto è stato progettato e costruito esclusivamente per l'utilizzo indicato in questa documentazione. Usi diversi da quanto indicato potrebbero essere causa di danni al prodotto e di pericolo.

La Ditta costruttrice di questo prodotto (di seguito "Ditta") declina qualsiasi responsabilità derivante da un uso improprio o diverso da quello per cui è destinato e indicato nella presente documentazione nonché dall'inosservanza della Buona Tecnica nella costruzione delle chiusure (porte, cancelli, ecc.) e dalle deformazioni che potrebbero verificarsi durante l'uso.

L'installazione deve essere eseguita da personale qualificato (installatore professionale, secondo EN12635), nell'osservanza della Buona Tecnica e delle norme vigenti.

Prima di iniziare l'installazione verificare l'integrità del prodotto.

Verificare che l'intervallo di temperatura dichiarato sia compatibile con il luogo destinato all'installazione dell'automazione.

Non installare questo prodotto in atmosfera esplosiva: la presenza di gas o fumi infiammabili costituisce un grave pericolo per la sicurezza.

Togliere l'alimentazione elettrica, prima di qualsiasi intervento sull'impianto. Scollegare anche eventuali batterie tampone se presenti.

Usare esclusivamente parti originali per qualsiasi manutenzione o riparazione. La Ditta declina ogni responsabilità ai fini della sicurezza e del buon funzionamento dell'automazione se vengono impiegati componenti di altri produttori.

Non eseguire alcuna modifica ai componenti dell'automazione se non espres¬samente autorizzata dalla Ditta.

Smaltire i materiali di imballo (plastica, cartone, polistirolo, ecc.) secondo quanto previsto dalle norme vigenti. Non lasciare buste di nylon e polistirolo alla portata dei bambini.

ATTENZIONE! i conduttori a bassissima tensione di sicurezza devono essere fisicamente separati dai conduttori a bassa tensione.

Tutto quello che non è espressamente previsto nel manuale d'installazione, non è permesso. Il buon funzionamento dell'operatore è garantito solo se vengono rispettati i dati riportati. La ditta non risponde dei danni causati dall'inosservanza delle indicazioni riportate in questo manuale. Lasciando inalterate le caratteristiche essenziali del prodotto, la Ditta si riserva di apportare in qualunque momento le modifiche che essa ritiene convenienti per migliorare tecnicamente, costruttivamente e commercialmente il prodotto, senza impegnarsi ad aggiornare la presente pubblicazione.

INSTALLER WARNINGS

WARNING! Important safety instructions. Carefully read and comply with all the warnings and instructions that come with the product as incorrect installation can cause injury to people and animals and damage to property. The warnings and instructions give important information regarding safety, installation, use and maintenance. Keep hold of instructions so that you can attach them to the technical file and keep them handy for future reference.

This product has been designed and built solely for the purpose indicated herein. Uses other than those indicated herein might cause damage to the product and create a hazard.

The Manufacturer of this product (hereinafter referred to as the "Firm") disclaims all responsibility resulting from improper use or any use other than that for which the product has been designed, as indicated herein, as well as for failure to apply Good Practice in the construction of entry systems (doors, gates, etc.) and for deformation that could occur during use.

Installation must be carried out by qualified personnel (professional installer, according to EN 12635), in compliance with Good Practice and current code.

Before commencing installation, check the product for damage.

Make sure the stated temperature range is compatible with the site in which the automated system is due to be installed.

Do not install this product in an explosive atmosphere: the presence of flammable fumes or gas constitutes a serious safety hazard.

Disconnect the electricity supply before performing any work on the system. Also disconnect buffer batteries, if any are connected.

Only use original spare parts for any maintenance or repair work. The Firm disclaims all responsibility for the correct operation and safety of the automated system if parts from other manufacturers are used.

Do not make any modifications to the automated system's components unless explicitly authorized by the Firm.

Dispose of packaging materials (plastic, cardboard, polystyrene, etc.) in accordance with the provisions of the laws in force. Keep nylon bags and polystyrene out of reach of children.

WARNING! safety extra low voltage wires must be kept physically separate from low voltage wires.

Anything that is not explicitly provided for in the installation manual is not allowed. The operator's proper operation can only be guaranteed if the information given is complied with. The Firm shall not be answerable for damage caused by failure to comply with the instructions featured herein. While we will not alter the product's essential features, the Firm reserves the right, at any time, to make those changes deemed opportune to improve the product from a technical, design or commercial point of view, and will not be required to update this publication accordingly.

INSTALLATION MANUAL

1) GENERAL INFORMATION

GSM receiver designed to command relay contacts through recognition of authorized telephone numbers. The GSM receiver can store up to 99 telephone numbers. These numbers activate the output OUT 1 through a call. You can store up to 8 recipients who, if authorized, receive messages from the receiver. Furthermore, the two outputs can be controlled either on a timed basis or through SMS text messages.

2) TECHNICAL SPECIFICATIONS

Power supply	12V/ 24V ~ --- + -10%
Operating temperature range	-5 / +50°C
OUT 1	NO contact (Max. 120V~/24 --- 1A)
OUT 2	NO/NC contact (Max. 24V --- 1A)
IP rating	IP55
Band	Tri-Band GSM/GPRS 900/1800/1900 MHZ
Max. telephone numbers stored in memory	99
GSM	
SIM card type	3V / 1.8V
Antenna	3.5dB – 5dB
Typical standby power demand	
Supply voltage	Consumption (mA)
12 ---	<120mA
12~	<200mA
24 ---	<60mA
24~	<120mA

NOTE: the following convention is used herein:
- **Activation** OUT 1 --> 5-6 terminals output **NC**
- **Activation** OUT 2 --> 8-4 terminals output **NC**
The default password is 123456. The code to be sent **MUST NOT** contain spaces and must be written in UPPER CASE. Every time a text message is sent, the controller answers the sender with a reply text.

3) TUBE ARRANGEMENT FIG. A
4) DIMENSIONS FIG. B
5) PUNCHING OUT KNOCKOUT HOLES FIG. C
6) TERMINAL STRIP WIRING FIG. D

Terminal	Description
1-2	Power supply 12V / 24 ~ ---
8-3	OUT 2 NC contact (max. 24V --- 1A)
8-4	OUT 2 NO contact (max. 24V --- 1A)
5-6	OUT 1 NO contact (max. 120V ~ / 24V --- 1A)
7	Input <IN>

7) INSERTING THE SIM CARD FIG. E

Use SIM card without PIN/PUK number.
Note: you need to remove the SIM card PIN request before inserting it in the board, otherwise the device will not work. To do this, insert the SIM card in a telephone and disable the PIN request (there's usually a security menu that allows you to do this). If you don't do this, after turning the phone on 3 times, you will be asked for the PUK number again to reset the SIM card.

8) ADDING A NEW NUMBER TO SIM CARD FIG. F

9) ACTIVATING THE OUT 1 CONTACT OUTPUT FIG. G

10) OUT 2 CONFIGURATION FIG. H

Ref. 1 - Free contact (max. 24V --- 1A)
Ref. 2 - Powered contact (based on 12V/24V --- supply voltage)

11) USE OF <IN> INPUT FIG. I

Connect 12V --- to produce increased counter count.

12) PERSONAL LIST FIG. J

GSM signal quality

Checking the GSM signal:
Excellent signal   =31
Good signal   =16
Sufficient signal   =12
Poor signal   <12
Should the signal be lower than 12, find a new location for the board or switch to a telephone provider with a better signal in the area in question.

Code to be sent	Sample text to be sent	Sample text received
#PWD*password***#CSQ?**	**#PWD***123456***#CSQ?**	CSQ=<23>

N.B. If you do not receive a reply text, it probably means you are not in an area covered by the telephone provider's GSM signal.

Adding a new telephone number to the memory

Adding a new telephone number to the memory (maximum 99 numbers).
The telephone number must contain no more than 10 digits (no country code).

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#WHL***position in memory=telephone number*	**#PWD***123456***#WHL***01=0123456789* **#PWD***123456***#WHL***02=9876543210* …………………………………………… …………………………………………… **#PWD***123456***#WHL***99=xxxxxxxxxx*	WHL01: 0123456789 WHL02: 9876543210 …………………………………… WHL99: xxxxxxxxxx

In the example, the telephone number 0123456789 is added in position 1; telephone number 9876543210 in position 2; and telephone number xxxxxxxxxx in position 99.

How to activate output OUT1

Dial the telephone number of the SIM card inserted in the board from a telephone with a number entered in the memory. The call will automatically be rejected, so there is no charge. The board activates output OUT1.

Changing the password

How to change the password to manage the various programming functions. The password must be made up of 6 digits.
The default password is 123456. All examples in this manual will have 123456 as the password.

Code to be sent	Sample text to be sent	Sample text received
#PWD*password***#CAP***new password***#CAP***new password*	**#PWD***123456***#CAP***321654***#CAP***321654*	CAP: 321654

In the example, the password is changed to 321654. #PWD321654#……

OUT1 output activation time

Set the OUT1 output activation time in the range 1 to 99 sec. (default setting 1 sec.) when the controller receives a call from a number stored in the memory.

Code to be sent	Sample text to be sent	Sample text received
#PWD*password***#GOT***out1 output activation time in sections*	**#PWD***123456***#GOT***05*	GOT: 05

In the example, output OUT1 is activated for 5 sec. whenever the controller receives a call from a number stored in the memory.

Checking a telephone number stored in a given position in the memory

Checking a stored mobile number based on its position in the memory.

Code to be sent	Sample text to be sent	Sample text received
#PWD*password***#WHL***position in memory***?**	**#PWD***123456***#WHL***02***?**	WHL02: 9876543210

In the example, position 02 in the memory is queried.

Deleting a number stored in the memory

To delete a telephone number stored in the memory.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#WHL**position in memory**D**	**#PWD**123456**#WHL**02**D**	WHL02-OK

In the example, the telephone number stored in position 02 in the memory is deleted.

NB: to delete the number stored in position 99, send a text message like the one in the example:
#PWD123456**#WHL**99**D**=0000000000

Deleting all numbers stored in the memory

All telephone numbers stored in the memory are deleted.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#WHL99D**	**#PWD**123456**#WHL99D**	DELALL-OK

Access mode

Free access. Access is granted to all telephone numbers that call, even those not stored in the memory

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#ACM0** (zero)	**#PWD**123456**#ACM0**	ACM-OFF

Controlled access (default setting). Access is granted only to telephone numbers that are stored in the memory.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#ACM2**	**#PWD**123456**#ACM2**	ACM-ON

Advanced functions

Enabling advanced functions

To enable input <IN> counter. To enable sending of messages.
1=ON
0=OFF (default setting)

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#CTR=**on off	**#PWD**123456**#CTR=**1	CTR=<1>

In the example, the input <IN> counter and sending of messages are enabled.

Adding recipients to receive messages

Adding new recipients to the memory who, if authorized, will receive messages from the controller based on whichever functions are enabled below. (from 1 to 8)

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#TEL**recipient position number=telephone number programmed for receiving messages	**#PWD**123456**#TEL**1=9876543210 ………………………………………….. **#PWD**123456**#TEL**6=xxxxxxxxxx	TEL1: 9876543210 TEL6: xxxxxxxxxx

In the example, the telephone number 9876543210 is added in position 1 and xxxxxxxxxx in position 6.

Message recipient list query

Lists all telephone numbers stored in the memory authorized to receive messages.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#TEL?**	**#PWD**123456**#TEL?**	TEL1: 9876543210 …………........ TEL8: xxxxxxxxxx END

Authorizing recipients to receive messages

The command to be sent is made up of 8 digits:
1=ON
0=OFF

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#RERN=**on off on off	**#PWD**123456**#RERN=**10011000	RERN: 10011000

In the example, the numbers stored in positions 1, 4 and 5 are authorized to receive messages.

Checking recipients to receive messages

Checks which recipients are authorized to receive messages.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#RER?**	**#PWD**123456**#RER?**	RERN: 10011000

In the example, the numbers stored in positions 1, 4 and 5 are authorized to receive messages.

INSTALLATION MANUAL

Warning message when <IN> contact is closed

Set the message that will be sent to authorized recipients in the memory when <IN> contact is closed.
The message must be no more than 100 characters long. Only use letters and numbers abc/ABC/123; do not use special characters (&, %,*, etc.).

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#STR=**message text	**#PWD**123456**#STR=**Gate closed	String: Gate closed

The message that will be sent is: GATE CLOSED.

Warning message when <IN> contact is opened

Set the message that will be sent to authorized recipients in the memory when <IN> contact is opened.
The message must be no more than 100 characters long. Only use letters and numbers abc/ABC/123; do not use special characters (&, %,*, etc.).

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#STO=**message text	**#PWD**123456**#STO=**Gate open	String: Gate open

The message that will be sent is: GATE OPEN.

Setting input <IN> partial counter

Set the number of times the <IN> contact is closed after which, or after multiples of which, a warning message is sent to authorized recipients.
Min. 1
Max. 65535
Default setting 500
The command to be sent is made up of 5 digits:

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#COA=**number of times contact must be closed before message is sent	**#PWD**123456**#COA=**00005	COA=00005

In the example, message sending has been set to the 5th, 10th, 15th time etc. the <IN> contact is closed.

Setting advanced functions

Function **1**: (default setting)
- The board counts the number of times input <IN> changes state. *Every time the contact is closed.*
- The board sends the warning message when the counter reaches the value set by command #COA.

Function **2**:
- The board counts the number of times input <IN> changes state. *Every time the contact is closed.*
- Output OUT2 is activated when input <IN> first changes state. *See #RLOP function for instructions on de-energizing the relay.*
- The board sends the warning message when the counter reaches the value set by command #COA.

Function **3**:
- The board counts the number of times input <IN> changes state. *Every time the contact is closed.*
- Output OUT2 is activated when input <IN> first changes state. *See #RLOP function for instructions on de-energizing the relay.*
- The board sends the *#STR* warning message every time input <IN> is closed.
- The board sends the warning message when the counter reaches the value set by command #COA.

Function **4**:
- The board counts the number of times input <IN> changes state. *Every time the contact is closed.*
- Output OUT 2 is activated for 1 sec. every time input <IN> is closed.
- The board sends the warning message when the counter reaches the value set by command #COA.

Function **5**:
- The board sends the *#STR* warning message every time input <IN> is closed.

Function **6**:
- The board sends the *#STR* warning message every time input <IN> is closed.
- The board sends the *#STO* warning message every time input <IN> is opened.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#CTC=**function number	**#PWD**123456**#CTC=**4	CTC=<4>

Function 4 is enabled in the example.

Checking the total number of times input <IN> has changed state

Checks the total number of times input <IN> has changed state. *The number increases every time the contact is closed.*

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#COU?**	**#PWD**123456**#COU?**	INC: 00143

In the example, the total number of times the input has changed state is 143.

Checking the partial number of times input <IN> has changed state

Checks the partial number of times input <IN> has changed state. *The number increases every time the contact is closed and is reset when the value reaches the value set in #COA.*

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#COT?**	**#PWD**123456**#COT?**	INC: 00004

In the example, the partial number of times the input has changed state is 4.

Counter reset

Both the total and partial counters are reset to 0.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#CLA**	**#PWD**123456**#CLA**	RECO-OK

INSTALLATION MANUAL

MANUAL MODE:

Activation of outputs OUT1 and OUT2 for a given time

Outputs OUT1 and/or OUT2 are activated for a settable time. The outputs are independent.
Min. 1 sec., Max. 65535 sec.
Out1=1, Out2=2
The command to be sent to indicate the number of seconds is made up of 5 digits:

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#RLY**output to be activated=length of time output stays active in seconds.	**#PWD**123456**#RLY**2=5400	RLY2=05400

In the example, output 2 stays active for 1 and a half hours.

Checking output state

Displays the seconds remaining, since relays were activated.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#RLY?**	**#PWD**123456**#RLY?**	RLY1: 00000 RLY2: 04800

In the example, output 2 stays active for another 1 hour 20 minutes.

Activating/deactivating outputs OUT1 and OUT2

The outputs are activated or deactivated. The outputs are independent.
Out1=1, Out2=2
1=ON; 0=OFF

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#RLOP**output to be activated=command	**#PWD**123456**#RLOP**2=1	RLOP2-ON

In the example, output OUT2 is activated.

TIMED MODE

Special output functions

Function **0:** (default setting)
- Normally deactivated outputs. Special functions are disabled. Normal mode.

Function **1:**
- Normally activated outputs. Every time a call is made from telephone numbers stored in the memory, output OUT1 is deactivated for 10 sec. and, after 30 seconds, output OUT2 is deactivated for 5 sec.

Function **2:**
- Normally activated outputs. Programming deactivation of outputs based on time of day. Calls from telephone numbers stored in the memory are disregarded.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#FTRY=**function number	**#PWD**123456**#FTRY=**2	FTRY=<2>

Function 2 is enabled in the example

Programming deactivation of outputs OUT1 and OUT2 based on time of day

Determines at what time individual outputs are deactivated and for how long.
8 times can be programmed.
SS,MM,HH,TTT,G,R; BE CAREFUL TO GET THE COMMAS AND SEMI-COLON IN THE RIGHT PLACE.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#SMW=**seconds,minutes,hour,output deactivation time in seconds,number of times programmed,relay programmed;	**#PWD**123456**#SMW=**00,48,18,015,1,2;	SMW:00,48,18,015,1,2

In the example, output OUT2 is deactivated at 18:48:00 for 15 sec.

Internal clock set

Set time in 24-hour format
SS,MM,HH,TTT,G,R; BE CAREFUL TO GET THE COMMAS AND SEMI-COLON IN THE RIGHT PLACE.

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#TSET=**seconds,minutes,hour;	**#PWD**123456**#TSET=**00,30,08;	TIME:00,30,08

In the example, the clock is set to 08:30:00.

Board reset

Restores the controller's factory settings.
N.B. the telephone numbers stored in the memory are not deleted.

Code to be sent	Sample text to be sent	Sample text received
***REST#**password	***REST#**123456	REST-OK

Checking software and hardware version

Code to be sent	Sample text to be sent	Sample text received
#PWDpassword**#EDI?**	**#PWD**123456**#EDI?**	<WT-009_LIA>2009/8/08/10:45HW:1.0SW:1.0MW:2.3>