CAS

FACTORY DEFAULT VALUES

-Factory's master code: 5-digit 12345
-Relay time delay 1 and 2: 1 second

NOTE: if the red LED blinks a wrong data was entered in programming mode.

SETTING A MASTER CODE

Enter the default master code twice, the red LED lights on.

Do not forget to write down the new master code :

Enter 60, then the 5-digit new master code (0 to 9 * and #), the red LED lights off during 1 second.

WARNING : Do not use the master code as a user code. The code 00000 is reserved to delete a user code.

. To exit from the programming mode, press the # key, the red LED lights off.

SETTING USER CODES

Group 1 (relay 1 red LED)
User number
↘ user codes

00					
01					
28					
29					

Group 2 (relay 2 green led)
User number
↘ user codes

30					
31					
48					
49					

> Enter the master code twice, the red LED lights on.

> Enter the user number for group 1: 00 to 29 and for group 2: 30 to 49

> Enter the 5-digit user code (0 to 9 * and #), the red LED lights off during 1 second

> Repeat the previous steps to enter the next user code.

NB A user code can be programmed in both groups to control simultaneously both relays and with different time delay

SETTING TIME DELAYS

> Enter the master code twice, the red LED lights on.

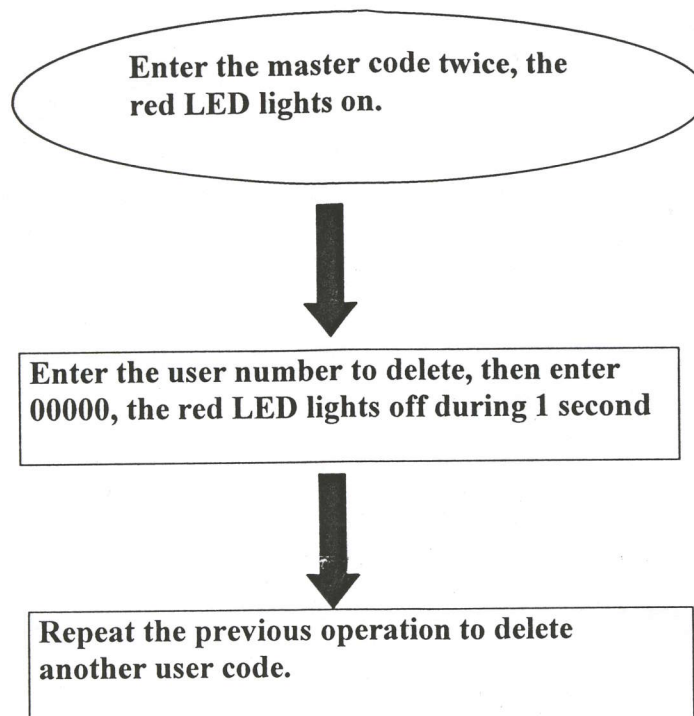Enter 51 for relay 1   Enter 52 for relay 2
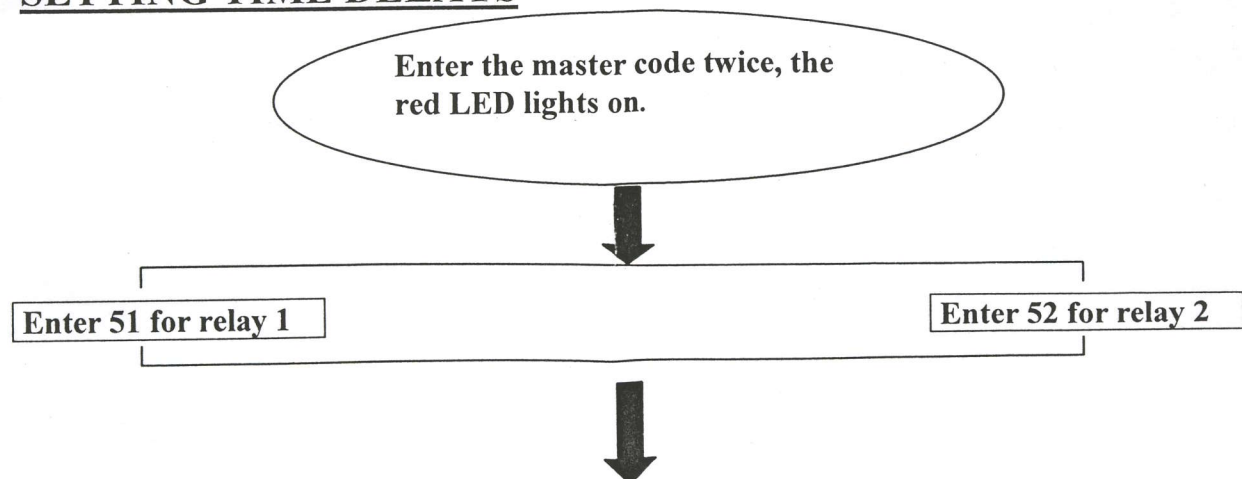
According to the selected mode , enter for each relay 1 and relay 2
- 00 for a latched output
(NOTE: Do not used the latched output in 24V)
- 01 to 99 for a momentary output
The red LED lights off during 1 second

. To exit from the programming mode, press the # key, the red LED lights off.
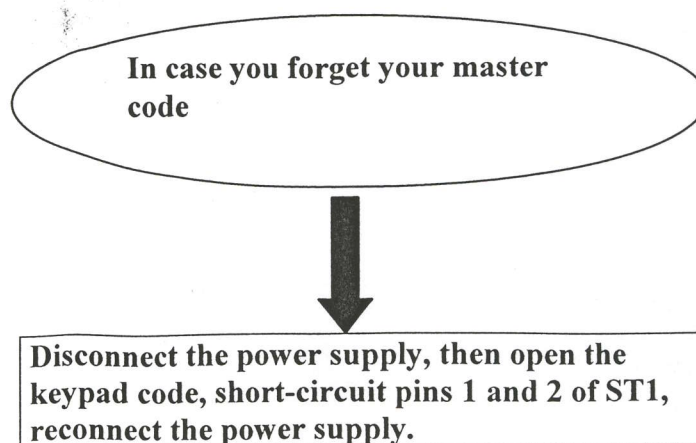
CANCELLING A USER CODE

Enter the master code twice, the red LED lights on.

Enter the user number to delete, then enter 00000, the red LED lights off during 1 second

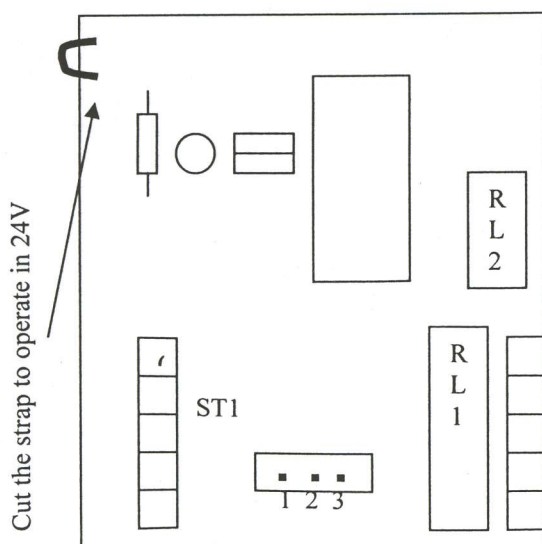Repeat the previous operation to delete another user code.

.To exit the programming mode, press the # key, the red LED lights off.

RESETTING THE MASTER CODE

Master code : 12345
Note : User codes are still memorized

Cut the strap to operate in 24V

ST1

R L 2

R L 1

1 2 3

In case you forget your master code

Disconnect the power supply, then open the keypad code, short-circuit pins 1 and 2 of ST1, reconnect the power supply.

After 10 seconds, the red LED lights on during 1 second, put back the jumper on 2 and 3, the master code has been reset to the factory default value.

WARNING : This product operates in 12V=/~ (the wire is not cut).
Cut the wire to operate the keypad in 24V=/~.

OPERATING MODE

You have 10 seconds to enter your user code

As soon as a code is recognized, it activates the corresponding relay.

NOTE : The 0 digit can be used as an external push button when a clock timer is connected. When the timer is on, pressing on 0 will activate relay 1.
Use relay 2 for another control, for example an alarm.
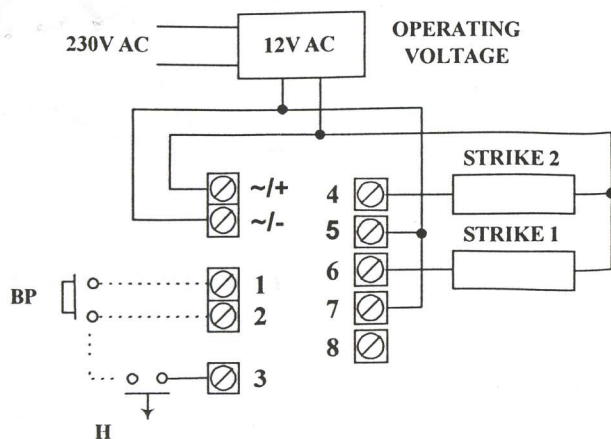
TECHNICAL SPECIFICATIONS

- Operating voltage 12V =/~ or 24V =/~

- Consumption :
  - rest : 10mA
  - maximum : 60mA in DC/ 100mA in AC

- Dimensions : 107 x 87 x 50 mm

- 2 LED's

- Protection IP 54

- Operating temperature : –20°C to +50°C

- 5-digit master code

- 50 user codes 2 relay outputs : 30 user codes for relay 1 (red LED)
20 user codes for relay 2 (green LED)

- Adjustable or latched output

- 2 relay outputs, 1 N/O & N/C contact, relay 1: 8 amps @ 250 V AC
1 N/O contact, relay 2: 6 amps @ 250 V AC
(NOTE: Do not used the latched output in 24V)

- Time delay : from 01 to 99 seconds.

- Time delay in programming mode : 120 seconds (if there is no key pressed during 2 minutes, the keypad returns to the stand-by mode

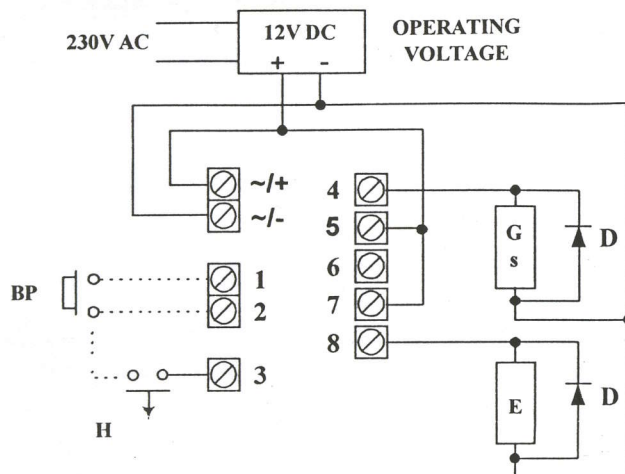- Time delay to key-in a user code : from 10 to 99 seconds

Wiring diagram

PIN'S FUNCTION

~/+ ~/-	12V=/~ or 24V =/~	
1 2 3	BP/DOOR (NO) - INTERN CONTACT (NO) - TIMER	NOT DELIVERED WITH THE KEYPAD

4	CONTACT NO OF RELAY 2
5	COMMON OF RELAY 2
6	CONTACT NO OF RELAY 1
7	COMMON OF RELAY 1
8	CONTACT NC OF RELAY 1

230V AC — 12V AC — OPERATING VOLTAGE

~/+
~/-
4
5 — STRIKE 2
6 — STRIKE 1
7
8

BP — 1
2
3

H

PROTECTION:
THIS KEYPAD COMES WITH A
VARISTOR. THIS ONE MUST BE
INSTALLED ON EVERY OPERATING
STRIKE. THE VARISTOR WILL REMOVE
ALL INTERFERENCE OR
ELECTROMECANIC FIELDS CAUSED BY
THE STRIKE COIL.

WITH FAIL SAFE STRIKES, ELECTROMAGNETS AND STANDARD
STRIKE USE 12 or 24V=

230V AC — 12V DC + - — OPERATING VOLTAGE

~/+
~/-
4
5 — G s — D
6
7
8 — E — D

BP — 1
2
3

H
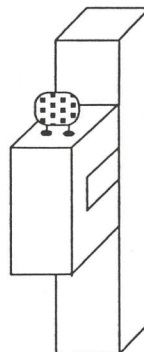
PROTECTION:
PUT A 4004 DIODE TO THE STRIKE OR
ELECTROMAGNET'S PINS, RESPECTING
POLARITIES, TO PROTECT THE
APPLIANCE AGAINST SELF EFFECT.

D : 4004 DIODE (CATHODE → EQUIVALENCE WHITE RING : CATHODE)

E : FAIL SAFE STRIKE OR ELECTROMAGNET

GS : STANDARD STRIKE 12V DC

H : TIMIER CONTACT (OPTIONAL) - TYPE N/O

BP : REQUEST-TO-EXIT (OPTIONAL) - TYPE N/O