ANTARES

ELECTRONIC CONTROL BOARD FOR SWINGING GATES WITH ONE OR TWO SWINGS

DELMA

MANUAL

!!! ATTENTION - NOTICE FOR THE INSTALLER !!!

The bridges present on the contacts STOP, PHOTOCELLS, SENSITIVE SAFETY EDGE will not be installed anymore by BAME s.r.l. for safety and normative reasons.

If one more of these contacts will not be utilised for any reason, the installer must insert a bridge on the contacts to assure a correct operation of the control board.

Always follow the european standard specifications for garage doors and gates, EN12453 and EN12445.

SUMMARY

DEFAULT PARAMETERS

- Parameter T1 : 6
- Parameter T2 : 6
- Parameter T3 : 4
- Parameter T4 : 3
- Parameter T5 : 3
- Parameter T6 : 1
- Parameter T7 : 2
- Parameter T8 : 0
- Parameter T9 : 1
- Parameter F1 : 0
- Parameter F2 : 0
- Parameter F3 : 0
- Parameter F4 : 0
- Parameter F5 : 0
- Parameter F6 : 0
- Parameter F7 : 6
- Parameter F8 : 0
- Parameter F9 : 0

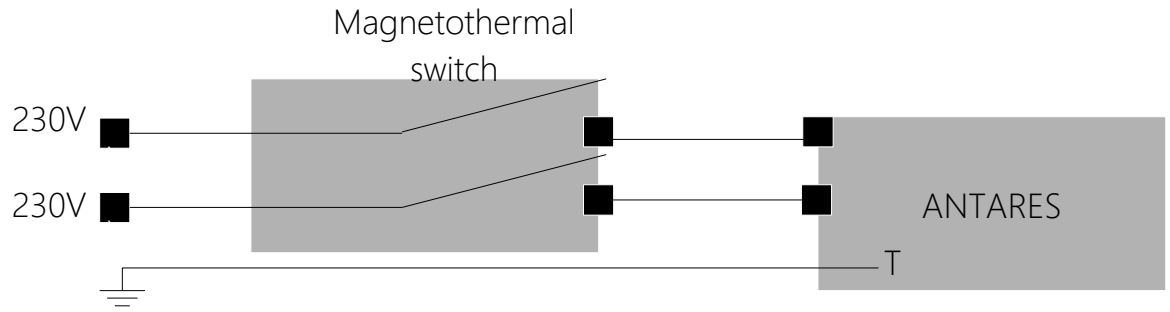
MAIN FEATURES

· Electronic control board for mechanical actuator 230V
· Settable stroke with display
· Settable slow down with display
. Stroke during slow down settable by dispay
· Adjustable automatic closing
· Signallig led on all inputs + 3 status led
· Plug in control board for lights and electric lock
· Plug in control board for backup memory
· Rolling code receiver up to 200 remotes
· Integrated flashing light management
· Settable pedestrian opening
· Conforme alle Direttive Europee di riferimento:R&TTE 99/05/CE
. Conforme alla normativa ETSI EN 301 489-1
CEI EN 55032
CEI EN 55032
CEI EN 61000-3
CEI EN 61000-4

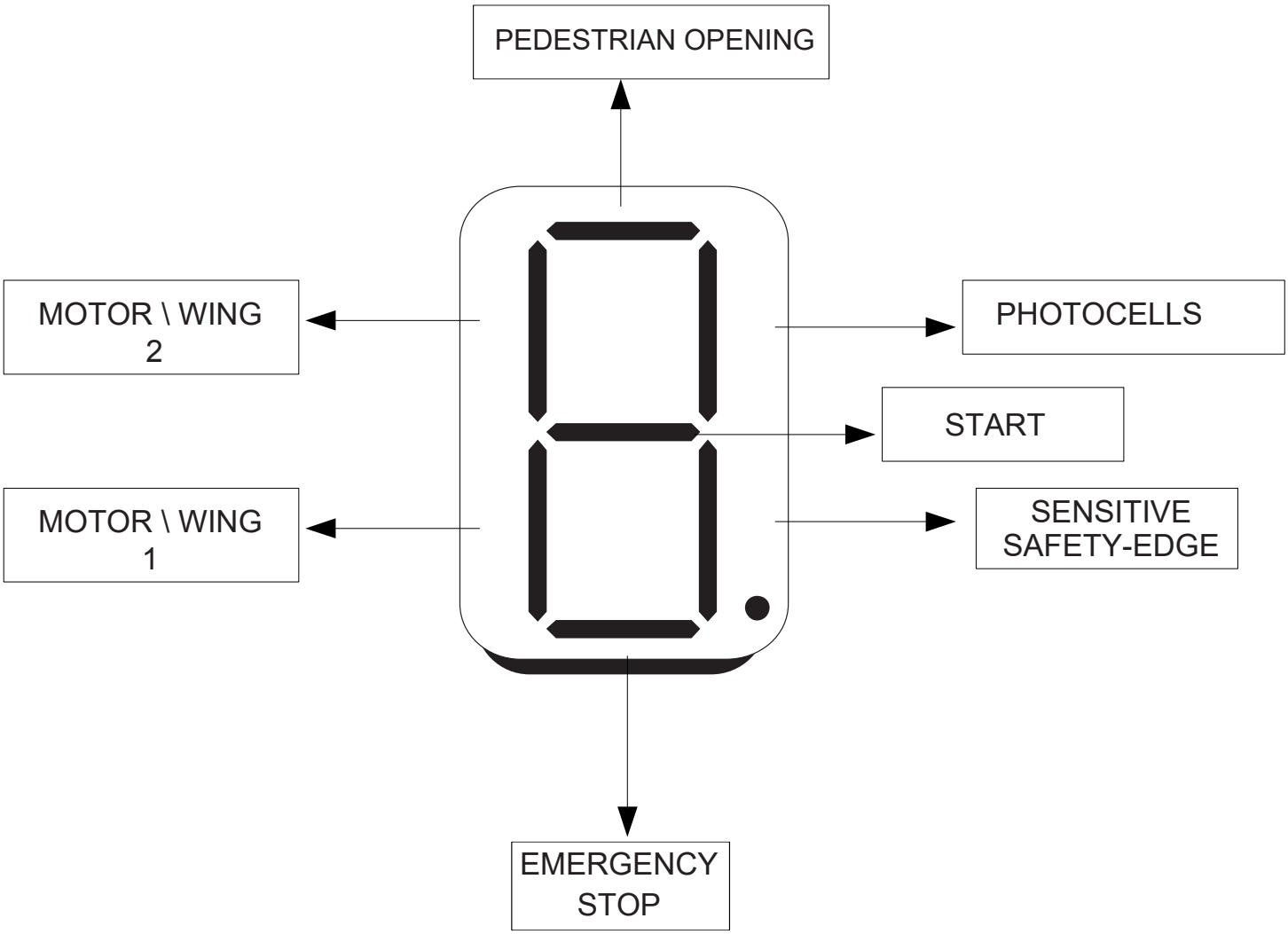
TECHNICAL FEATURES

. Power supply: 230VAC
. Motors power supply: 230 VaC
. Max pick current: 6 Ampere
. Accessories power supply: 24 VDC - 500 mA protected by fuse
. Working temperature: -20° C / + 55 °C
. Rolling code receiver up to 200 memorizable remotes

When installing the device, insert a switch with a contact opening of at least 3 mm which ensures the equip-ment's omnipolar disconnection from the power supply.
Please read carefully this manual before proceeding with the installation of the device!!!



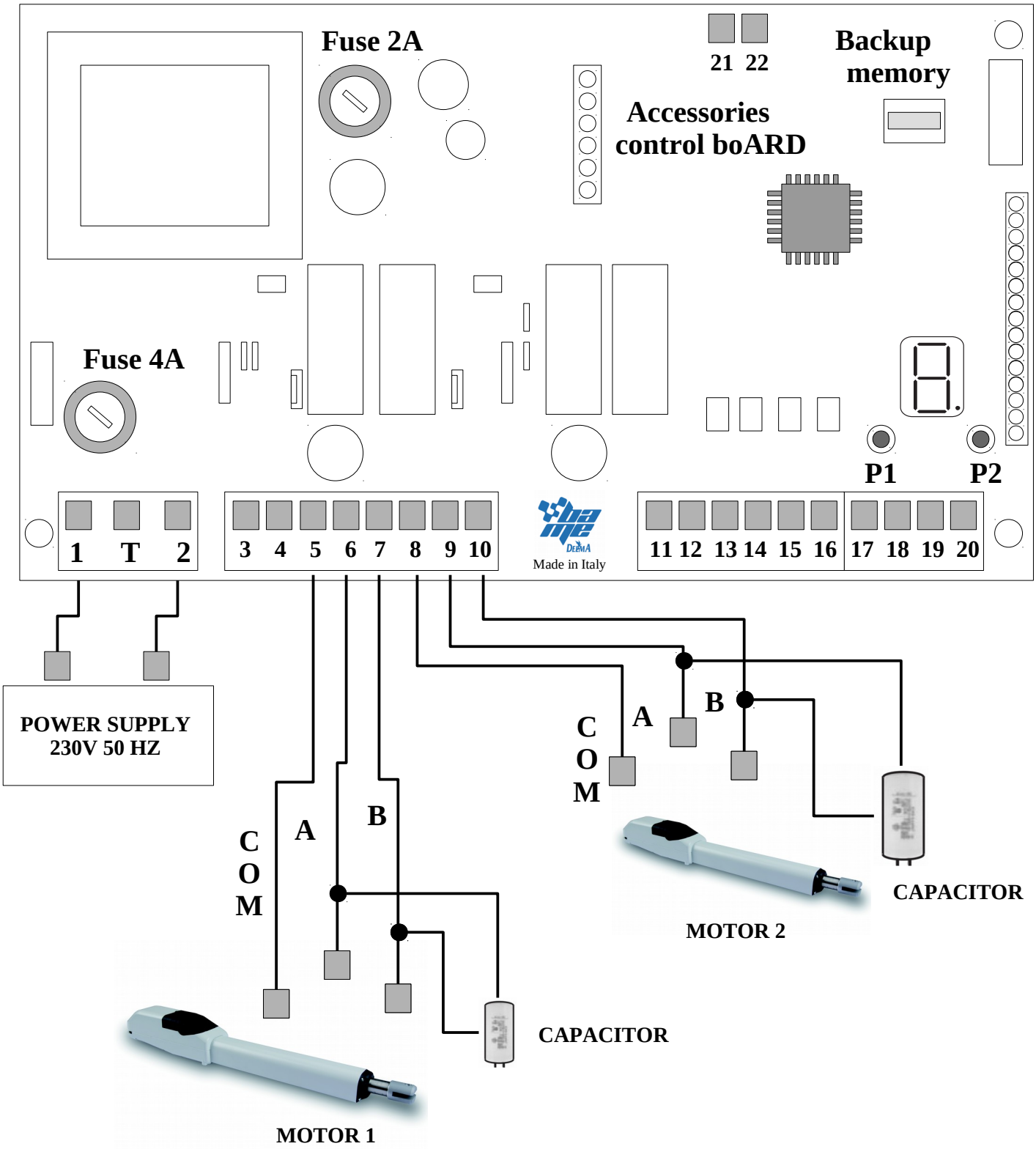
Display and Leds



☐ **LED 3** - STATUS LED
- - is turned off during normal control unit operations
- - is alight (fixed light) when the control unit is blocked because it has failed
- the safety test or a motor is disconnected

☐ **LED 2** - LED RADIO
- - flashes briefly when a 433 MHz radio code is received
- - is alight (fixed light) when radio codes are being memorised

☐ **LED 1** - SET LED
- - flashes for 5 seconds when turned on to indicate that it is possible
- to enter the Professional or Simplified Learning modes.
- - lights up with a fixed light while Professional or Simplified Learning are carried out.
- - is turned off when the control unit functions normally.



In case the motor start in closing direction, during the first movement on programmation, REVERT cable A and cable B

Motors connection

1	230 Vac 50 Hz
T	GROUND
2	230 Vac 50 Hz

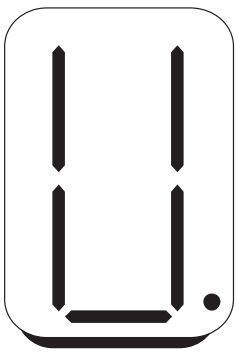
5	COMMON MOTOR 1
6	OPEN MOTOR 1 + CAPACITOR
7	CLOSE MOTOR 1 + CAPACITOR

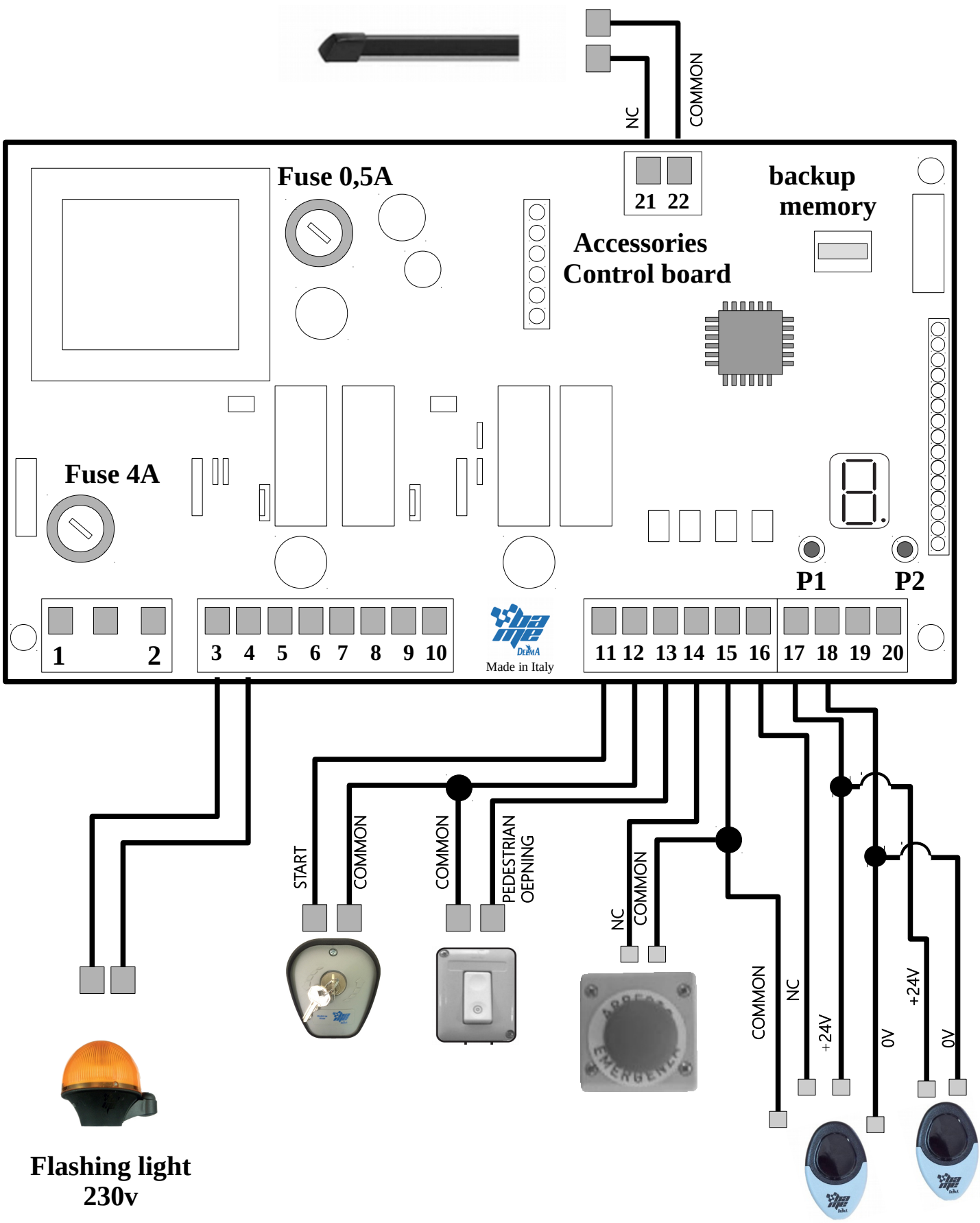
8	COMMON MOTOR 2
9	OPEN MOTOR 2 + CAPACITOR
10	CLOSE MOTOR 2+ CAPACITOR

At the end of all operations, check the led on the display

- STOP
- PHOTOCELLS
- SENSITIVE SAFETY-EDGE
- MOTOR 1
- MOTOR 2

Must be ON as in the image



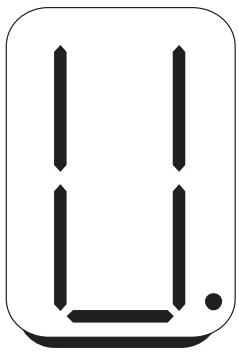

NC
COMMON
Fuse 0,5A
21 22
backup
memory
Accessories
Control board
Fuse 4A
P1
P2
1
2
3 4 5 6 7 8 9 10
Made in Italy
11 12 13 14 15 16
17 18 19 20
START
COMMON
COMMON
PEDESTRIAN
OEPNING
NC
COMMON
COMMON
NC
+24V
0V
+24V
0V
Flashing light
230v

3 - 4	Flashing light 230V	3. 230V 50Hz 4. 230V 50Hz
11 - 12	Key switch	11. Start\stop (NO) 12. Common
12 - 13	Pedestrian opening	13. Pedestrian opening (NO) 12. Common
14 - 15	Emergency Stop	14. Stop (NC) 15. Common
15 - 16	Photocells	16. Photocells (NC) 15. Common
21 - 22	Sensitive safety-edge	21. Sensitive safety-edge (NC) 22. Common
17 - 18	Accessories power supply	17. -24VDC 18. +24VDC
19 - 20	Antenna	19. - 20. Antenna

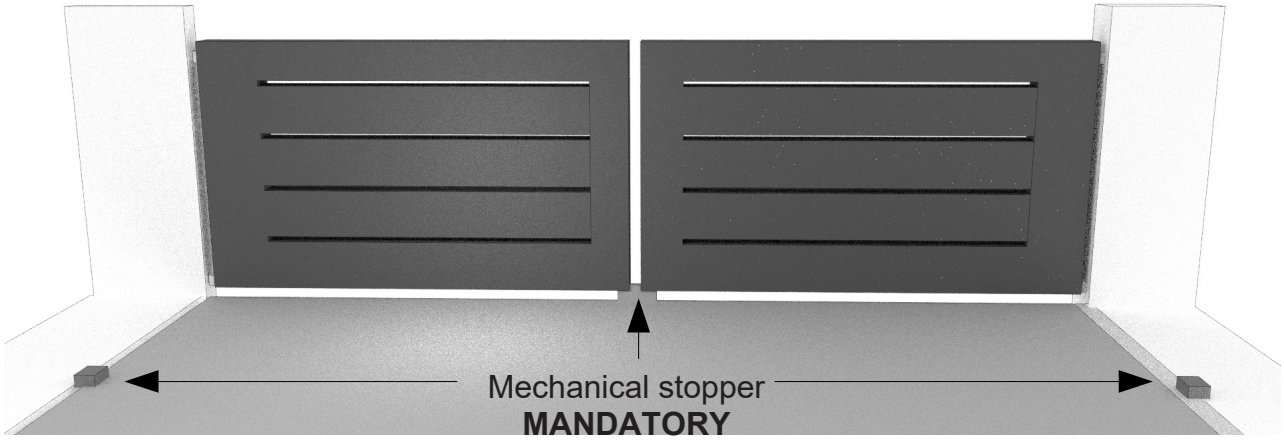
At the end of all operations, check the led on the display

- STOP
- PHOTOCELLS
- SENSITIVE SAFETY-EDGE
- MOTOR 1
- MOTOR 2

Must be ON as in the image



Programming running phases and work time of swings

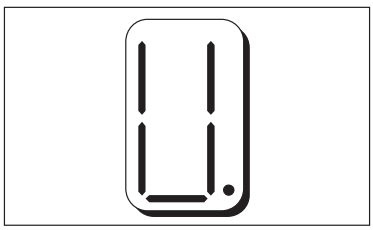


To do before times' programming:

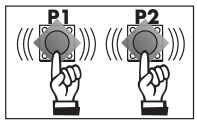
1. Place the doors fully closed and ensure that the electrical lock, if present, is unlocked.
2. Power the board.
3. Memorizing at least a remote on Start (see procedure on page 21 of this manual)

Programming for gate with 2 doors

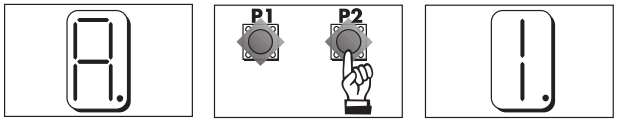
1. Check the led on the display, to verify if the secury inputs are on and the wings are closed



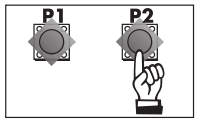
2. Press P1 and P2 simultaneously for three seconds to begin programming the board.



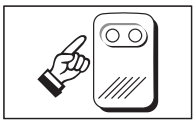
3. The display shows the letter A with a flashing point.
Press P2 Within 15 seconds to confirm the selection. The display shows the number 1 with a flashing point.



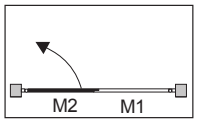
4. Press P2 within 15 seconds to confirm and the flashing point will remain fixed.
Now you are in the programming of work times.



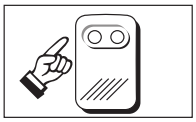
5 Press and release the Start by remote control previously memorized or by P1 on the board

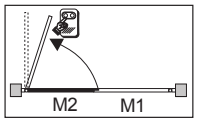


6. The door 2 will begin the opening phase.
WARNING: If the engine starts the closing phase, press simultaneously P1 and P2 for 3 seconds to lock the programming, swap wires 9 and 10 and repeat the procedure from the beginning.

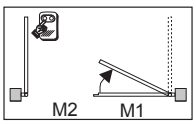


7. Press again the start as soon as the door approaches the point of slowdown beginning. In the case of slowing-down disabled let end the opening phase.

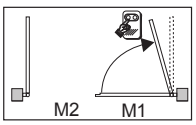




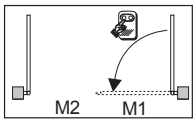
8. Once the door 2 has arrived in the fully open position press again the Start. The door 2 will stop and the door 1 will start the opening phase.
CAUTION: If the motor starts the closing phase, press simultaneously P1 and P2 buttons for 3 seconds to lock the programming, swap wires 6 and 7 and repeat the procedure from the start



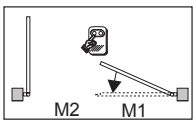
9. When the door has reached the point of slowdown beginning press again the start, if the slowdown is off to wait until it is fully opened



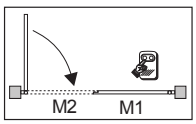
10. When the door has reached the point of maximum opening desired press Start and the door 1 will begin the closing phase.



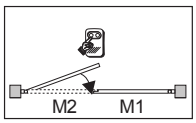
11. When the door 1 has reached the point of slowdown beginning press again the start, if the slowdown is off, wait until it is completely closed.



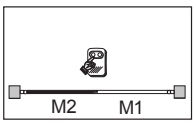
12. When the door 1 has reached the point of maximum desired closing press Start and the door 2 will begin the closing phase



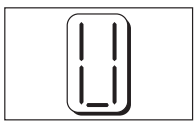
13. When the door 2 has reached the start point of slowdown press again the start, if the slowdown is off wait until it is completely closed.



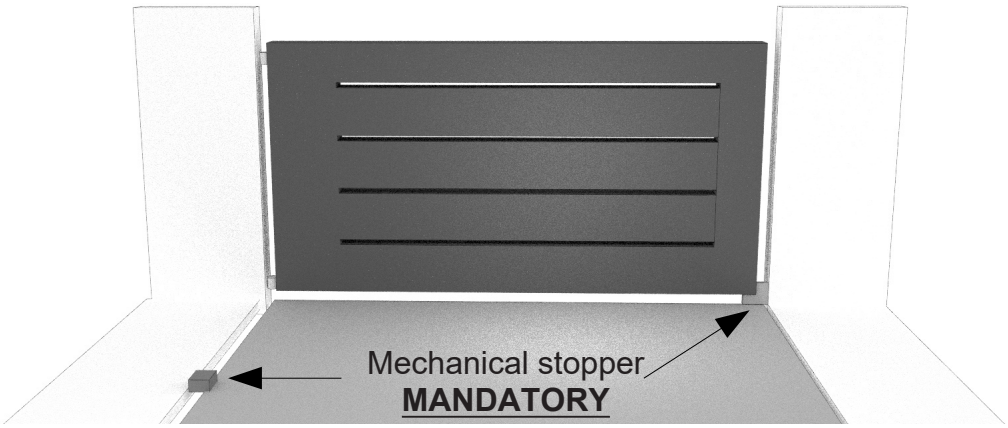
14. When the door 2 has reached the point of maximum desired closing press Start



15. The board exits automatically from the programming phase and the display shows the symbol of closed gate
The programming was successful.



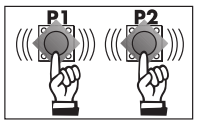
Programming for gate with 1 door



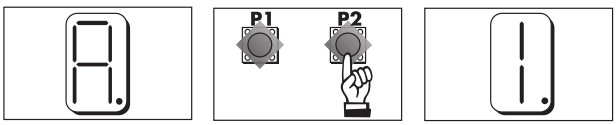
Set 1 wing

1. Power the board

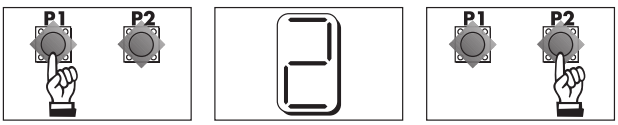
2. Bring the board into programming by pressing simultaneously P1 and P2 for three seconds



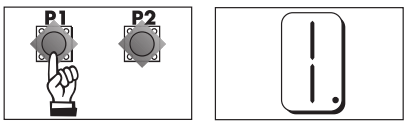
3. The display shows the letter A with a flashing point.
Press P2 Within 15 seconds to confirm the selection.
The display shows the number 1 with a flashing point



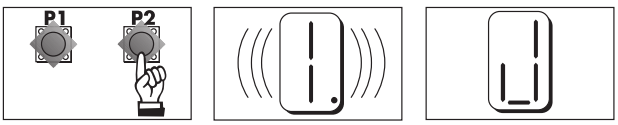
3. Scroll the values with P1 until n. 2 will appear, then press P2 to confirm.



4. Scroll to the value 1 with P1



5. Pressing the P2, the display will flash 2 times as confirmation and will indicate the symbol 1 door closed.



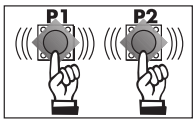
To do before times' programming:

1. Place the doors fully closed and ensure that the electrical lock, if present, is unlocked.
2. Power the board.
3. Memorizing at least a remote on Start (see procedure on page 21 of this manual)

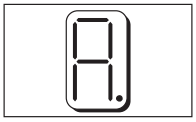
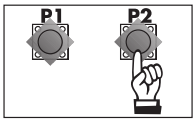
1 wing programming

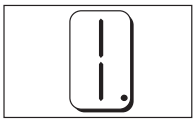
1. Power the board

2. Bring the board into programming by pressing simultaneously P1 and P2 for three seconds.

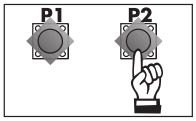


3. The display shows the letter A with a flashing point.
Press P2 Within 15 seconds to confirm the selection.
The display shows the number 1 with a flashing point.

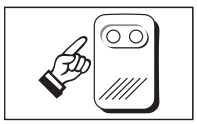
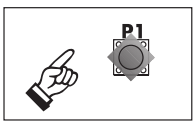





4. Press P2 within 15 seconds to confirm and the flashing point will remain fixed
Now you are in the programming of work times

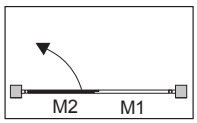


5 Press and release the Start by remote control previously memorized or P1 on the control board

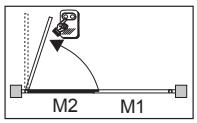

O


6. The door 2 will begin the opening phase.

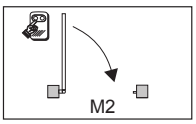
WARNING: If the engine starts the closing phase, press simultaneously P1 and P2 for 3 seconds to lock the programming, swap wires 9 and 10 and repeat the procedure from the beginning.



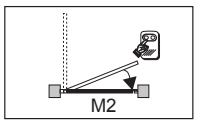
7. Press again start as soon as the door approaches the point of starting slow down
In the case of slowing disabled let the opening phase to end



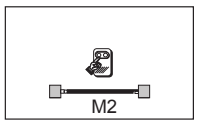
8. Once the panel 2 has arrived in the fully open position again press the Start. The door 2 will stop and begin the closing phase.



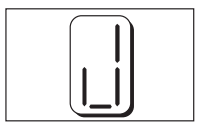
9. When the door 2 has reached the point of beginning of the slowdown press again the start, if the slowdown is off, wait until it is completely closed.



10. When the door 2 has reached the point of maximum desired closing press Start



11. The board exits automatically from the programming phase and the display will show the symbol of the closed gate. The programming was successful.

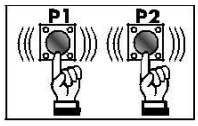


TIMING PROGRAMMING
(Letter T on the display)

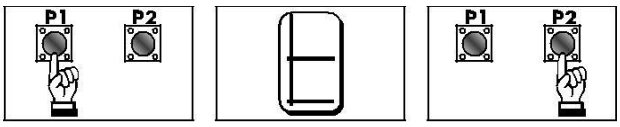
Programming parameter t1

As shown in the chart, the parameter T1 controls the motor torque during the normal running phase. You can select the value from 0 (maximum power) to 9 (minimum power).
Programming motor torque:

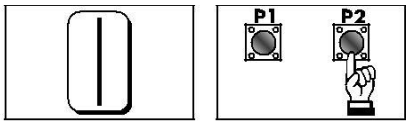
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



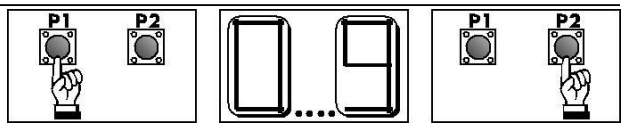
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. You should see n. 1. Press P2 to confirm.



4.Scroll values between 0 and 9 with P1 until the desired value, knowing that each value means a given force and that the value 0 is the highest and 9 is the minimum.
Press P2 to confirm

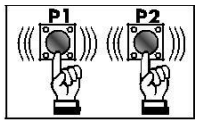


NOTE: the board is set at 6 as default setting

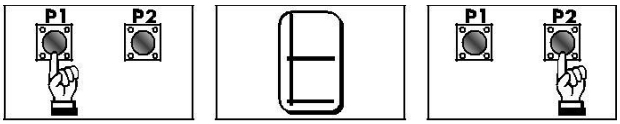
Programming of t2

The parameter T2 controls the motor torque during the lagging phase.

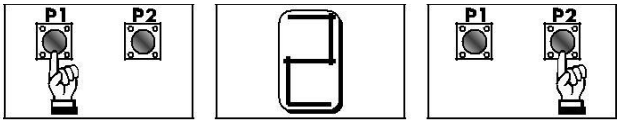
1. Set the board in programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



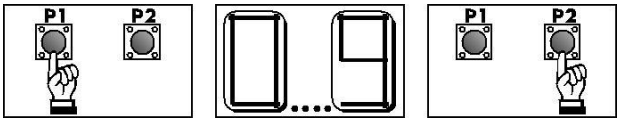
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. You should see n. 1. Scroll the values with P1 until n. 2 will appear, then press P2 to confirm.



5. Scroll values between 0 and 9 with P1 until the desired value, knowing that each value means a given force and that the value 0 is the highest and 9 is the minimum.
Press P2 to confirm.



NOTE: the board is set at 0 as default setting

ATTENTION !!!!!! After changing the values of t1 and t2 it is necessary to reprogram A1

Programming of t3

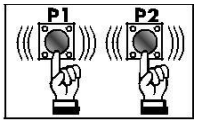
The parameter t3 increases the time of motor thrust during closing phase adding extra time to the one programmed.
It is useful to compensate any differences in the opening and closing times in hydraulic motors or in the case of gates not properly fonctionning or balanced

On Display	Seconds
0	0,5
1	1
2	1,5
3	2
4	2,5
5	3
6	3,5
7	4
8	4,5
9	5

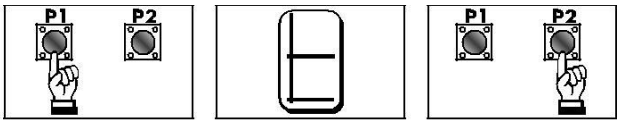
Attention!!! Every time the parameter T3 is changed, the swing work time must be reprogrammed

Setting the lagging time.

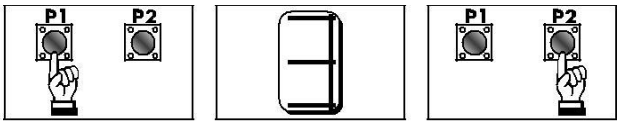
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



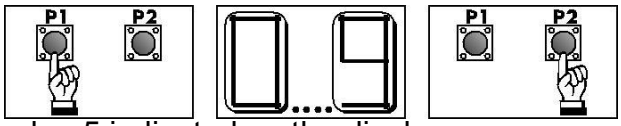
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. You should see n. 1 on the display. Scroll the values with P1until n. 3 appears, then press P2 to confirm.



4. Scroll values between 0 and 9 with P1 until the desired value, knowing that each value means a given time as in the table, press P2 to confirm (for example the value 5 indicated on the display corresponds to an automatic closing time of 3.5 seconds).



ATTENTION !!!!!! The board has as a default setting value 4, that is to say an increased time of 3 seconds

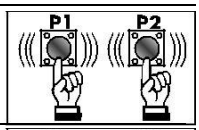
Programming of t4

By programming t4, you set the delay time of swing n. 1 in relation to swing n. 2 in the opening phase, and the delay time of swing n. 2 in relation of swing n. 1 in the closing phase.
In the chart, you can see all the possible delay times:

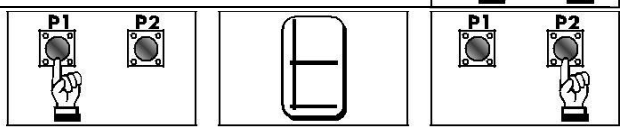
On Display	Seconds
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10

How to set the delay time:

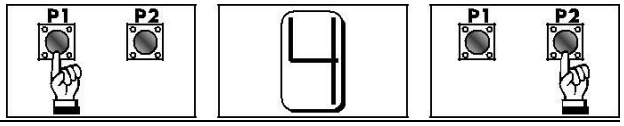
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



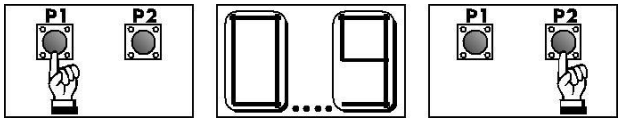
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1until n. 4 appears then press P2 to confirm.



4.Scroll values between 0 and 9 with P1 until the desired value, knowing that each value has a defined time as explicate in the table, press P2 to confirm (for example to the value 5 indicated on the display corresponds an automatic closing time equal to 6 seconds).



ATTENTION !!!!!! The board has as a default setting value 3, that is to say an increased time of 4 seconds

Programming of t5

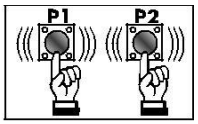
Programming t5 establishes the opening time of the pedestrian door by setting the working time of the motor.

The working times of the motor that can be set are shown in the table

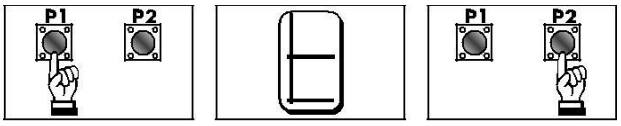
On Display	Seconds
0	0
1	2
2	4
3	6
4	8
5	10
6	12
7	14
8	16
9	18

To a higher motor running time corresponds a wider swing opening. Programming the parameter t5:

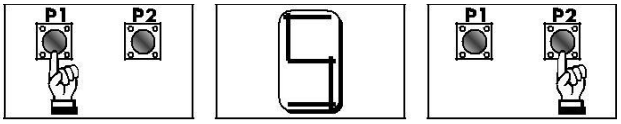
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



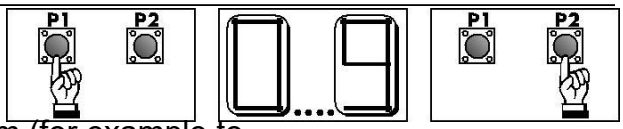
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 5 appears, then press P2 to confirm.



4. Scroll values between 0 and 9 with P1 until the desired value, knowing that each value has a defined time as explicate in the table, press P2 to confirm (for example to the value 5 indicated on the display corresponds an automatic closing time equal to 10 seconds).



NOTE: the board default values is 3 (motor running time of 6 seconds).

Programming of t6

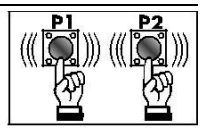
The parameter T6 sets the automatic closure time of the gate by means of photocell, i.e.: after the photocell is trespassed, the gate will be shut no matter the closure time set on the parameter T7.

The closure time for the photocell can be set from a minimum of 3 seconds to a maximum of 27 seconds. This function can also be disabled (see the chart):

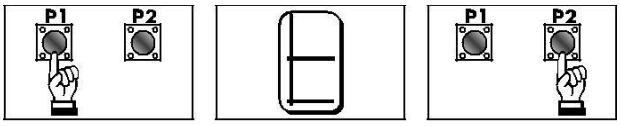
On Display	Seconds
0	OFF
1	3
2	6
3	9
4	12
5	15
6	18
7	21
8	24
9	27

Programming the parameter t6:

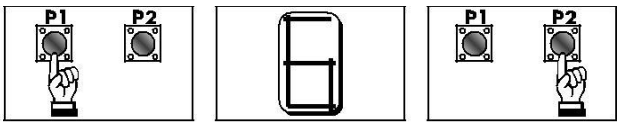
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



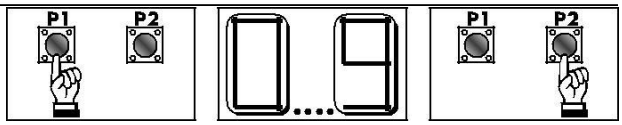
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 6 appears, then press P2 to confirm.



4. Scroll the values from 0 to 9 with P1.Select the value. Notice that each value corresponds to a specific time (see the chart). Press P2 to confirm (i.e.: value 5 on the display means an automatic closure time of 15 seconds)



NOTE: the board default value is 1 (photocell lock time of 3 seconds).

NOTE: if the automatic closure option T7 is turned off, the photocell automatic lock will be disabled.

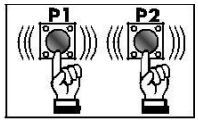
Programming of t7

Programming t7 it is possible to establish an automatic closing time for the gate. The automatic closing time varies from a minimum of 10 seconds to a maximum of 240 seconds equal to 4 minutes, or this function can be disabled as highlighted in the table:

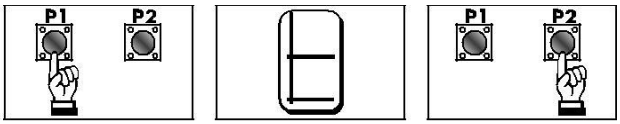
On Display	Seconds
0	OFF
1	10
2	20
3	30
4	45
5	60
6	90
7	120
8	180
9	240

Programming the parameter t7:

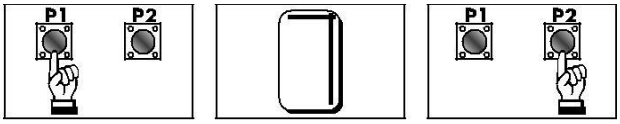
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



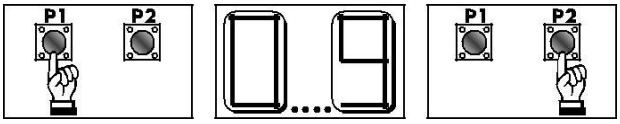
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 7 appears, then press P2 to confirm.



4. Scroll the values from 0 to 9 with P1.
Select the value. Notice that each value corresponds to a specific time (see the chart). Press P2 to confirm
(i.e.: value 5 on the display means an automatic closure time of 140 seconds)



NOTE: the board default value is 2 (automatic lock time of 20 seconds).

NOTE: the automatic lock countdown timer starts when the gate is fully open.

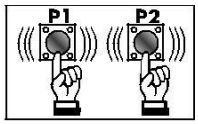
Programming of t8

Parameter t8 controls the courtesy light timing. The courtesy light time varies from 30 seconds (minimum) to 270 seconds (maximum) equal to 4 minutes and 30 seconds. You can also turn off this function (see the chart):

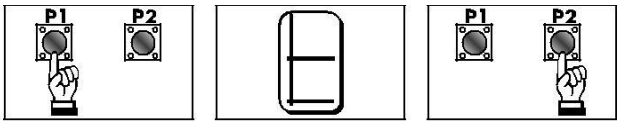
On Display	Seconds
0	Gate pilot light
1	30
2	60
3	90
4	120
5	150
6	180
7	210
8	240
9	270

Programming of the parameter t8

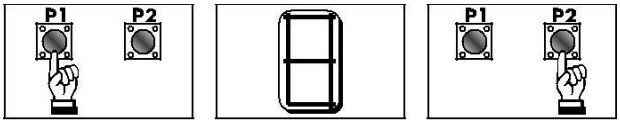
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



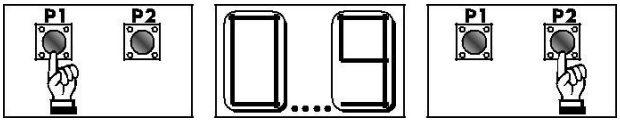
2.Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3.The display will show n. 1. Scroll the values with P1 until n. 8 appears, then press P2 to confirm.



4 Scroll values between 0 and 9 with P1 until the desired value, knowing that each value has a defined time as explicate in the table, press P2 to confirm (for example the value 5 indicated on the display corresponds to a delay time of 150 seconds)

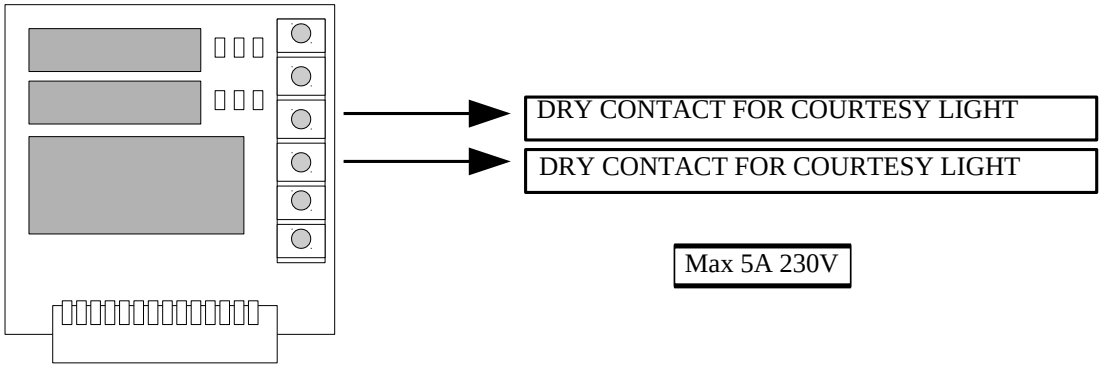


NOTE: if you operate the courtesy light with the remote control, it will remain ON until you press again the button on the remote control, or until you open/shut the gate again. If you select the “open gate” pilot light parameter, it will not be possible to operate the courtesy light with the remote control.

NOTE: The board default setting is 0 (open gate pilot light).

IT IS NECESSARY TO INSTALL EXTERNAL BOARD

LIGHTS CONTROL BOARD



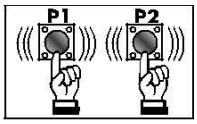
Programming of t9

With t9, you can set the automatic lock time of the pedestrian gate. The automatic lock time varies from 10 seconds (minimum) to 240 seconds = 4 minutes (maximum). You can also turn off this function (see the chart).

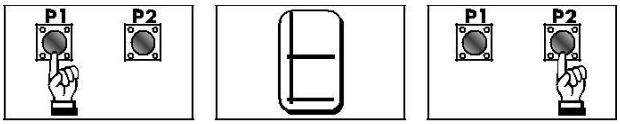
On Display	Seconds
0	OFF
1	10
2	20
3	30
4	45
5	60
6	90
7	120
8	184
9	240

Programming of parameter t9

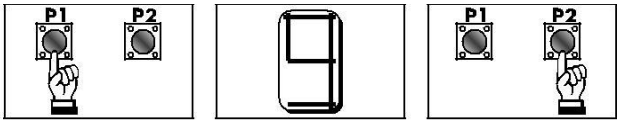
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



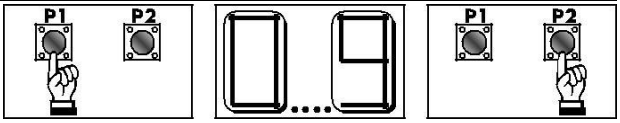
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 9 appears, then press P2 to confirm.

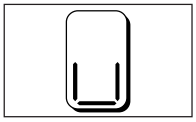


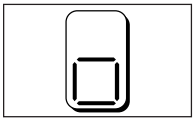
3.Scroll the values from 0 to 9 with P1. Select the value. Notice that each value corresponds to a specific time (see the chart). Press P2 to confirm (i.e.: value 5 on the display means an automatic closure time of 140 seconds)



NOTE: The board default setting value is 1 (automatic lock time = 10 seconds).

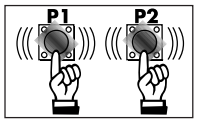
Setting the remote control codes

NEW REMOTE 

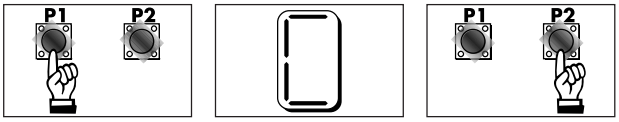
ALREADY IN MEMORY 

Parameter C1: step by step logic code (start/stop)

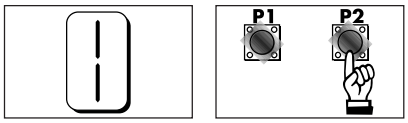
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



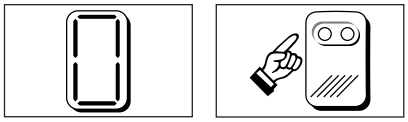
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



3. You should see 1 on the display. Press P2 to confirm.



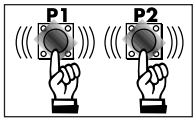
4. You should see 0 on the display. Push the button on the remote to be learned.



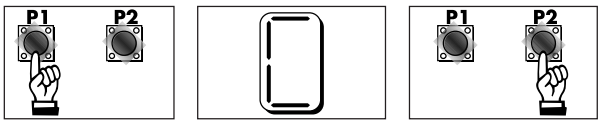
5. Add other remote controls or press P1+P2 to exit

Parameter C2: non step by step logic code (open)

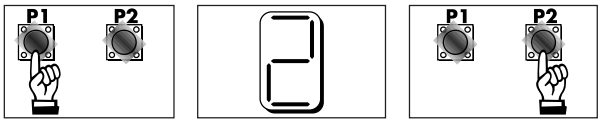
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



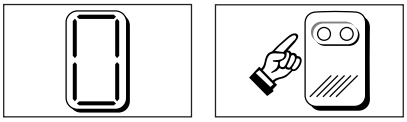
2. Letter A appear on the display. Scroll the menu with P1until letter C appears on the display. Press P2 to confirm.



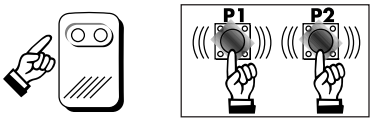
3. You should see 1 on the display. Scroll the values with P1 until 2 will appear on the display. Press P2 to confirm.



4. You should see 0 on the display. Push the button on the remote to be learned.

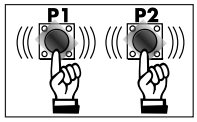


5. Add other remote controls or press P1+P2 to exit

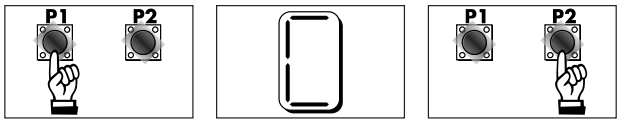


Parameter C3: pedestrian opening code

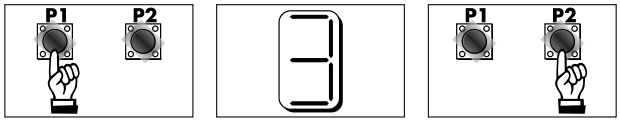
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



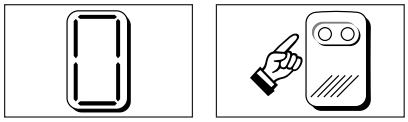
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



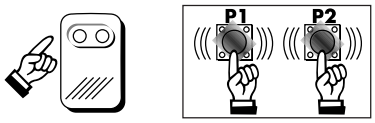
3. You should see 1 on the display. Scroll the values with P1 until 3 will appear on the display. Press P2 to confirm.



4. You should see 0 on the display. Push the button on the remote to be learned.

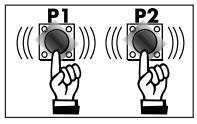


5. Add other remote controls or press P1+P2 to exit

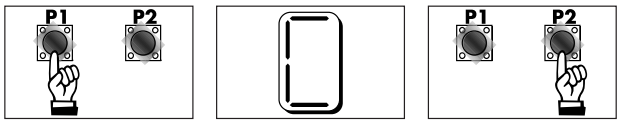


Parameter C4: courtesy light code

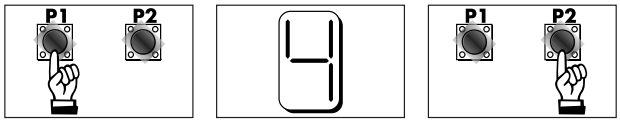
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



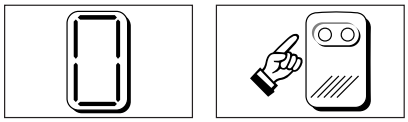
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



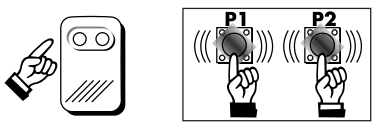
3. You should see 1 on the display. Scroll the values with P1 until 4 will appear on the display. Press P2 to confirm.



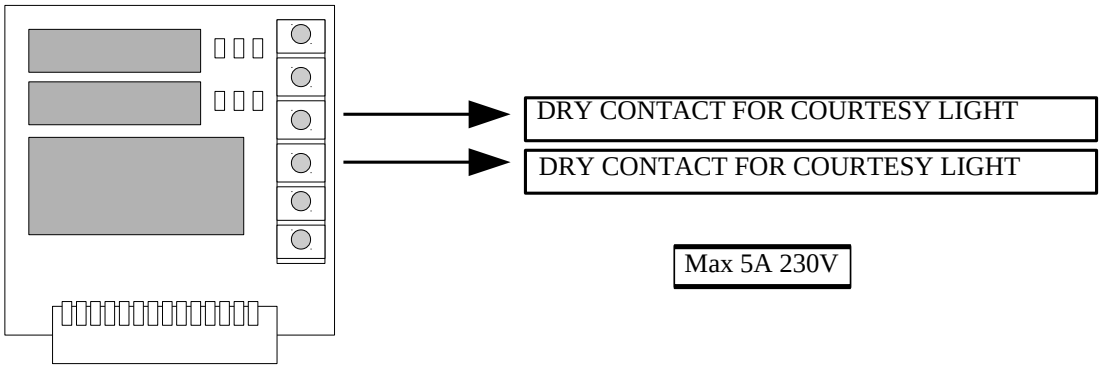
4. You should see 0 on the display. Push the button on the remote to be learned.



5. Add other remote controls or press P1+P2 to exit



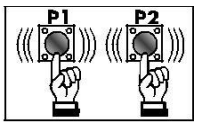
LIGHTS CONTROL BOARD



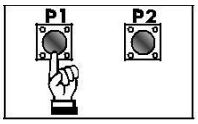
Programming the parameter C5 : deletion of all codes.

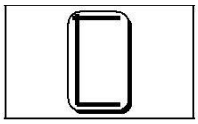
With the parameter C5, you can delete all the stored codes with one single operation:

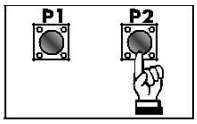
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



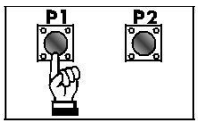
2. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.

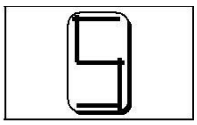




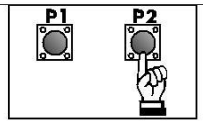


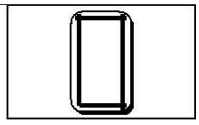
3. The display will show n. 1. Scroll the values with P1until n. 5 appears.



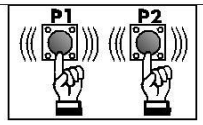


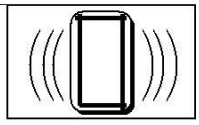
4. Press P2 to confirm , the number 0 will appear on the display





5. Press P1 and P2 simultaneously. The display will issue 2 flashes to signal the cancellation of all codes





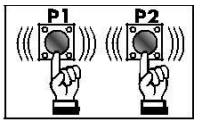
6. After 10 seconds the board will automatically exit from programming.

PROGRAMMING OF SECONDARY FUNCTIONS: (Letter F on the display)

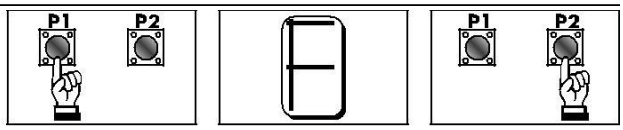
Programming of the parameter F1: electric lock.

This function controls the gate's electric lock.
The board default value is 0 (electric lock disconnected).
To turn the electric lock on, follow the steps below:

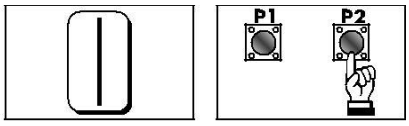
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



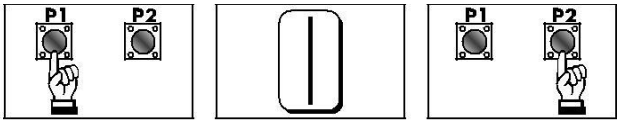
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n.1. Press P2 to confirm.



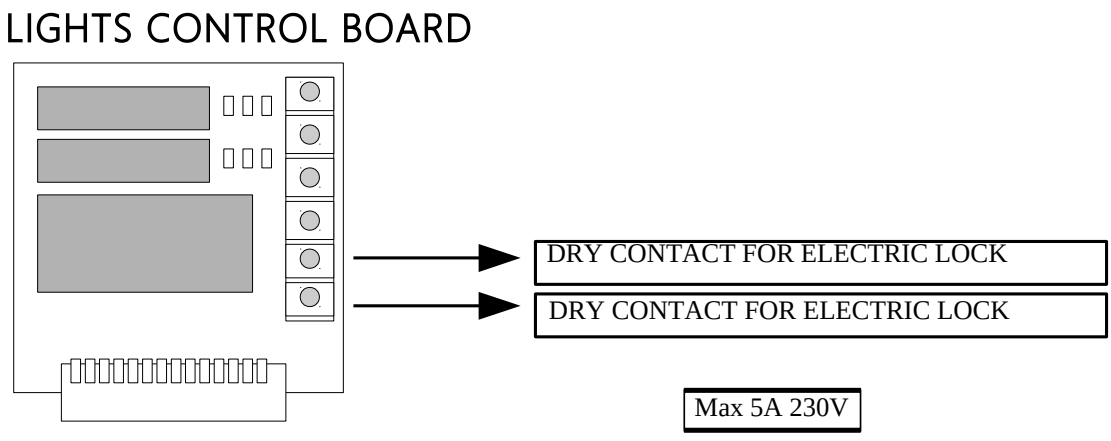
4. Scroll the values with P1 until n. 1 appears. Press P2 to confirm.



5. The electric lock is now on.

NOTE: when the electric lock it's turned on, also the ram trigger will be activate.

IT IS NECESSARY TO INSTALL EXTERNAL BOARD

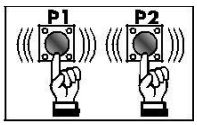


Programming the parameter F2: pre-blinking in opening and closing operations.

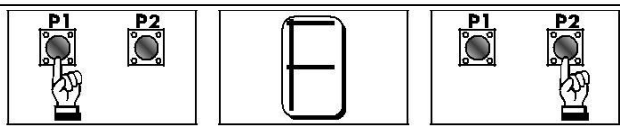
If enabling the pre-blinking, the blinker will flash for 3 seconds before the gate start opening. If this function is turned OFF, the blinker will start flashing when the gate start moving.
The board setting default value is 0 (pre-blinking light OFF).

Turning ON the pre-blinking light:

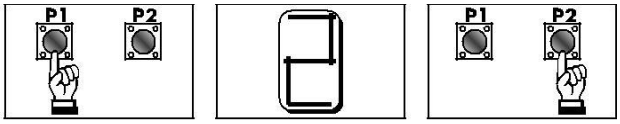
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



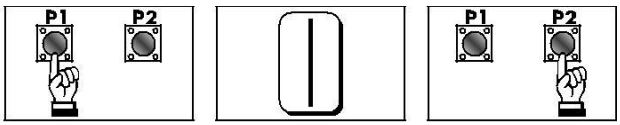
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 2 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.



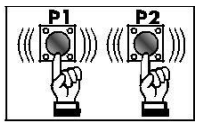
5. The pre-blinking is now enabled.

Programming of the parameter F3: board reset function.

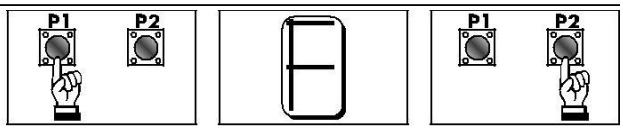
With F3, it's possible reset the board to default settings without deleting the remote control codes.

Resetting the board:

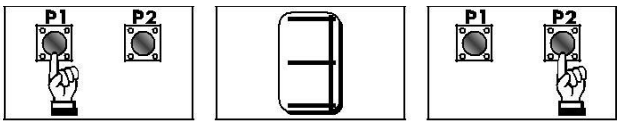
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



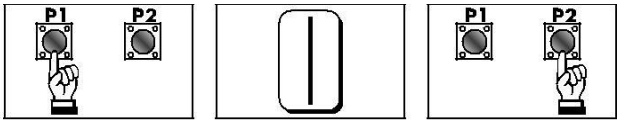
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 3 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.



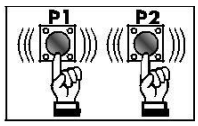
5. The board is resetted to the default values.

Programming of the parameter F4: enable photocells during opening operations.

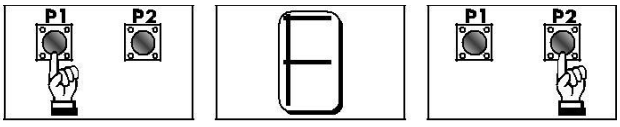
With this option it's possible to enable the photocells also during opening operations. The board default setting is 0, photocells not enabled during opening.

To activate the photocells during opening operations, follow the steps below:

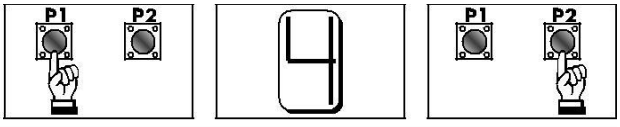
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



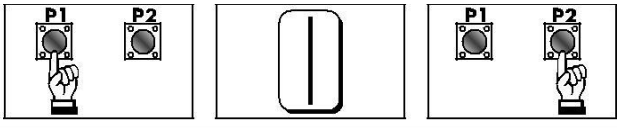
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 4 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.

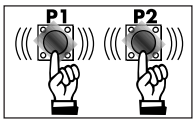


5. Now the photocells are activated also in opening.

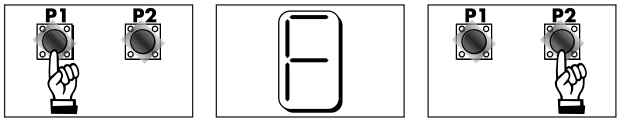
Parameter F5: START CONFIGURATION

0 = START \ PEDESTRIAN
1 = OPEN \ CLOSE
2 = START \ OPEN (CONDOMINIALE)
3 = OPEN \ CLOSE (MAN PRESENT)

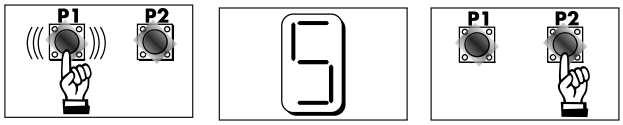
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



2. Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.

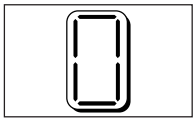


3, You should see 1 on the display. Scroll the values with P1 until 5 will appear on the display. Press P2 to confirm.



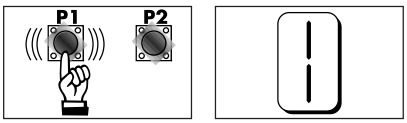
0. START – PEDESTRIAN OPEN

4. On the clamp 12-11 = START 12-13 = PEDESTRIAN OPENING



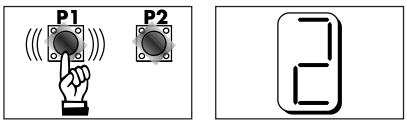
1. OPEN - CLOSE

4. Scroll with P1 up to nr. 1
On the clamp 12-11 = OPEN 12-13 = CLOSE



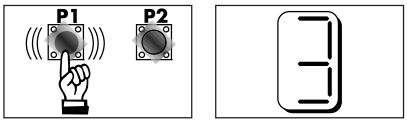
2. START \ OPEN (Only open)

4. Scroll with P1 up to nr. 2
On the clamp 12-11 = START \ STOP 12-13 = OPEN
12-11 is set for STEP by STEP
12-13 is set for ONLY OPEN COMMAND

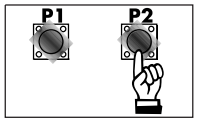


3. OPEN – CLOSE (MAN PRESENT)

4. Scroll with P1 up to nr. 3
12-11 = OPEN 12-13 = CLOSE
The buttons OPEN\CLOSE must be pressed until reaching the open\close limit switch



5. Confirm by pressing button P2.

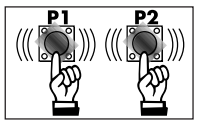


Parameter F6: Final push

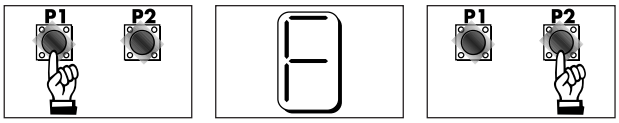
When the gate is closed, the motor gives a final push to keep the wings closed and tense

0 = DISABLED
1 = ENABLED

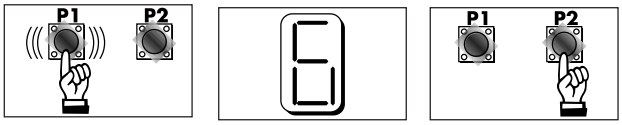
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



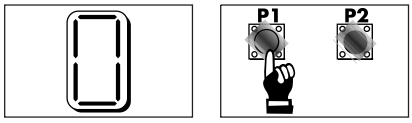
2. Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



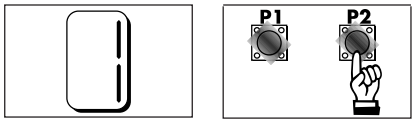
3. Display shows 1
Scroll the menu with P1 up to 6
Press P2 to confirm



5. The display shows 0.
Scroll with P1 up to 1

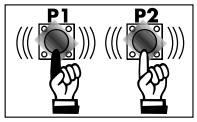


6. Press P2 to confirm

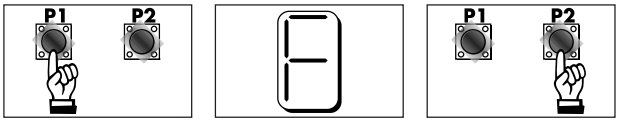


Parameter F7: Set the stroke of the final push

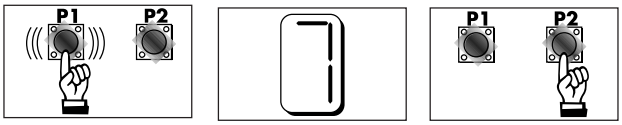
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



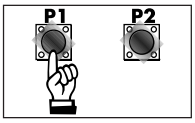
2. Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



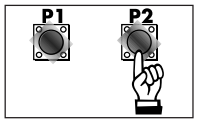
3. Display shows 1
Scroll the menu with P1 up to 7
Press P2 to confirm



4. Scroll the values WITH p1 beetween 0 and 9 to set the correct stroke
0 : MIN.....9 : MAX



5. Press P2 to confirm



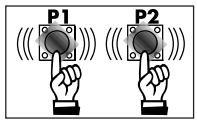
Attention:
Do not set high stroke with light gates

Parameter F8 : SECURITY TEST

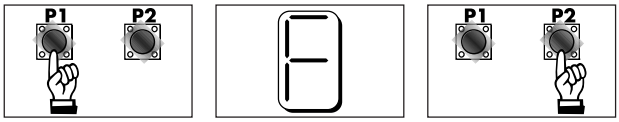
The control unit has a self-test function of the safeties connected to the “FTC” (CLAMP 15) input of the control unit; it switches off the transmitter to check the commutation of the corresponding receiver contact before the execution of each manoeuvre.

0 = DISABLED 1 = ENABLED

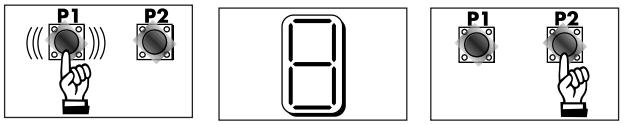
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



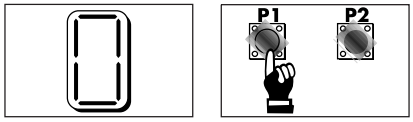
2. Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



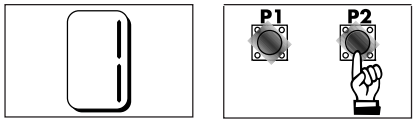
3, You should see 1 on the display. Scroll the values with P1 until 8 will appear on the display. Press P2 to confirm.



4, You should see 0 on the display. Scroll the values with P1 until 1 will appear on the display. Press P2 to confirm.

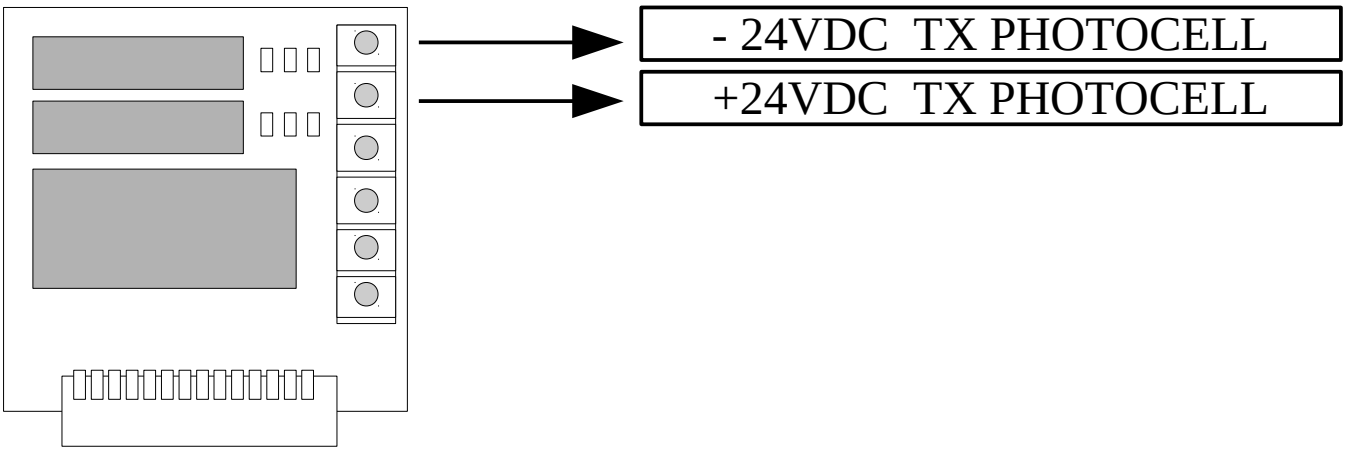


5. Confirm by pressing P2



IT IS NECESSARY TO INSTALL EXTERNAL BOARD

ACCESSORIES BOARD

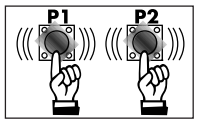


Parameter F9: CONFIGURATION INPUT 21-22

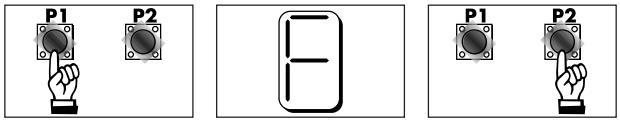
The installer can set the input 21-22 as:

0: SAFETY EDGE 1: PHOTOCELLS ACTIVE ALSO DURING OPENING PHASE

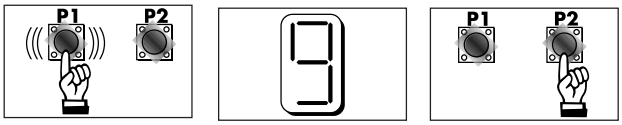
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



2. Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.

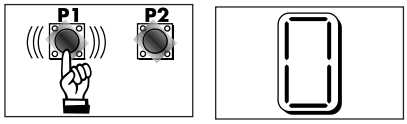


3. You should see 1 on the display. Scroll the values with P1 until 9 will appear on the display. Press P2 to confirm.



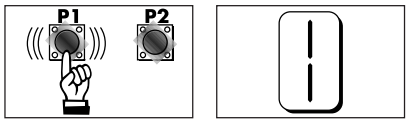
SAFETY EDGE

4. Scroll with P1 up to nr. 0

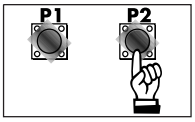


PHOTOCELLS ACTIVE ALSO DURING OPENING PHASE

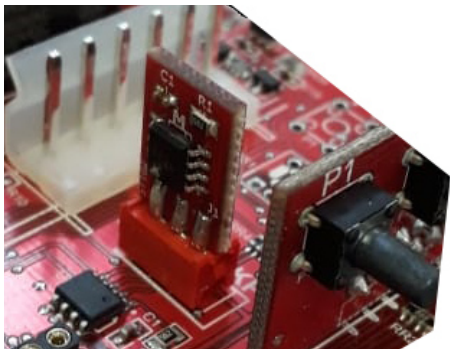
4. Scroll with P1 up to nr. 1



5. Press P2 to confirm



BACKUP MEMORY



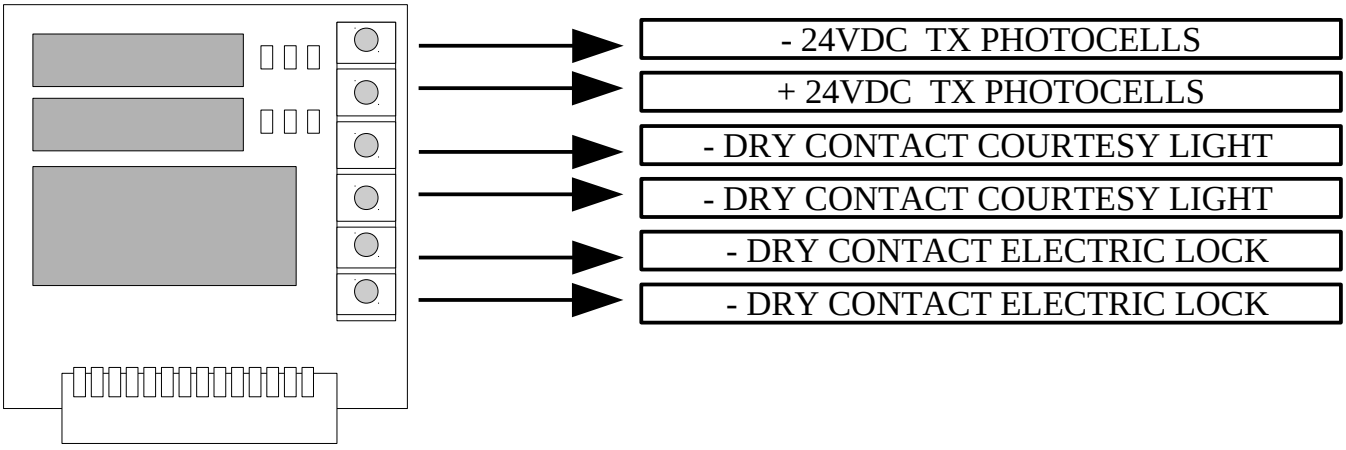
Inside there are all remote controls code and working time.
Everytime one new remote control is memorized, automatically it is transfered to the backup memory

TRANSFER ALL DATA FROM THE BACKUP MEMORY
. Remove power supply
. Insert backup memory
. Give power to the board
. When all the leds are off, press and keep pressed the button P1 for 5 sec. Automatically the board check the memory and trasnfers the contents

LIGHTS CONTROL BOARD

MAX 5A 230V

IT IS ALSO USED FOR SECURITY TEST



WARNINGS!!!

OUR COMPANY, AS MANUFACTURER, CAN NOT BE HELD RESPONSIBLE FOR DAMAGES DUE TO WRONG OR MISSING CONN ECTIONS OR DUE TO AN IMPROPER SETTING.

THE SAFETY DEVICES SHOULD BE ALWAYS INSTALLED AND KEPT IN FULL WORKING ORDER.

ONCE TERMINATED THE SYSTEM SETTING, YOU SHOULD PLACE BACK THE CONTAINER ON ITS POSITION, FASTENING TIGHT ITS SCREWS.

OUR COMPANY, AS MANUFACTURER, CAN NOT BE HELD RESPONSIBLE FOR DAMAGES DUE TO IMPROPER USE OF THE DOOR/GATE.

IT IS FORBIDDEN TO REPLACE ANY ELECTRIC, ELECTRONIC OR MECHANIC PART WITH NOT ORIGINAL OUR COMPANY SPARE PARTS.

OUR COMPANY, HAS THE RIGHT TO MODIFY OR CHANGE THE ELECTRONIC BOARDS AND MANUALS, WITHOUT PRIOR NOTICE.

ALWAYS REGULATE ACCURATELY THE TORQUE OF THE MOTORS. AN INCORRECT SETTING OF THE TORQUE, MAY CAUSE DAMAGE TO PEOPLE, ANIMALS OR OBJECTS.

WARRANTY:

Our company devices and accessories are for a period 24 months after production, whose date is printed on each item. Our company will replace or repair its devices, provided that they are returned to our plant. In order to check the actual functioning of the returned pieces, they will remain the property of the manufacturer. The warranty does not include demages due to any incorrect use, such as: non-fulfilment of the instruction detailed for each device, maintenance and repairing carried out without the previous written consent of our company. Moreover, warranty does not cover any damage due to wrong tension supply and any other reason for which the manufacturer cannot be made responsible. Any device returned must be delivered to our company with carriage paid and will be sent back with freight collect. Warranty validity ceases in case of the customer's non-fulfilment of payment. Each device by our company meets the safety regulations in force (UNI 8612). Our company declines all responsibility for the non-observance of the safety rules by part of the installer.

In order to reduce the time spent for repairing, all faulty materials sent back to us must be accompanied by the installer's comment about the piece.

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